OpenTP1 Version 7 Messages Part I

3000-3-D56-30(E)

■ **Relevant program products**

Note: In the program products listed below, those marked with an asterisk (*) might be released later than the other program products.

For AIX 5L V5.1, AIX 5L V5.2, AIX 5L V5.3, and AIX V6.1

P-1M64-2131 uCosminexus TP1/Server Base 07-03*

P-1M64-2331 uCosminexus TP1/FS/Direct Access 07-03*

P-1M64-2431 uCosminexus TP1/FS/Table Access 07-03*

P-1M64-2531 uCosminexus TP1/Client/W 07-02

P-1M64-2631 uCosminexus TP1/Offline Tester 07-00

P-1M64-2731 uCosminexus TP1/Online Tester 07-00

P-1M64-2831 uCosminexus TP1/Multi 07-00

P-1M64-2931 uCosminexus TP1/High Availability 07-00

P-1M64-3131 uCosminexus TP1/Message Control 07-03

P-1M64-3231 uCosminexus TP1/NET/Library 07-04

P-1M64-8131 uCosminexus TP1/Shared Table Access 07-00

P-1M64-8331 uCosminexus TP1/Resource Manager Monitor 07-00

P-1M64-8531 uCosminexus TP1/Extension 1 07-00

P-1M64-C371 uCosminexus TP1/Message Queue 07-01

P-1M64-C771 uCosminexus TP1/Message Queue - Access 07-01

P-F1M64-31311 uCosminexus TP1/Message Control/Tester 07-00

P-F1M64-32311 uCosminexus TP1/NET/User Agent 07-00

P-F1M64-32312 uCosminexus TP1/NET/HDLC 07-00

P-F1M64-32313 uCosminexus TP1/NET/X25 07-00

P-F1M64-32314 uCosminexus TP1/NET/OSI-TP 07-00

P-F1M64-32315 uCosminexus TP1/NET/XMAP3 07-01

P-F1M64-32316 uCosminexus TP1/NET/HSC 07-00

P-F1M64-32317 uCosminexus TP1/NET/NCSB 07-00

P-F1M64-32318 uCosminexus TP1/NET/OSAS-NIF 07-01

P-F1M64-3231B uCosminexus TP1/NET/Secondary Logical Unit - TypeP2 07-00

P-F1M64-3231C uCosminexus TP1/NET/TCP/IP 07-02

P-F1M64-3231D uCosminexus TP1/NET/High Availability 07-00

P-F1M64-3231U uCosminexus TP1/NET/User Datagram Protocol 07-00

R-1M45F-31 uCosminexus TP1/Web 07-00

For AIX 5L V5.3 and AIX V6.1

P-1M64-1111 uCosminexus TP1/Server Base(64) 07-03*

P-1M64-1311 uCosminexus TP1/FS/Direct Access(64) 07-03*

P-1M64-1411 uCosminexus TP1/FS/Table Access(64) 07-03*

P-1M64-1911 uCosminexus TP1/High Availability(64) 07-00

P-1M64-1L11 uCosminexus TP1/Extension 1(64) 07-00

For HP-UX 11i V1 (PA-RISC) and HP-UX 11i V2 (PA-RISC)

P-1B64-3F31 uCosminexus TP1/NET/High Availability 07-00

P-1B64-8531 uCosminexus TP1/Extension 1 07-00

P-1B64-8931 uCosminexus TP1/High Availability 07-00

R-18451-41K uCosminexus TP1/Client/W 07-00

R-18452-41K uCosminexus TP1/Server Base 07-00

R-18453-41K uCosminexus TP1/FS/Direct Access 07-00
R-18454-41K uCosminexus TP1/FS/Table Access 07-00
R-18455-41K uCosminexus TP1/Message Control 07-03*
R-18456-41K uCosminexus TP1/NET/Library 07-04*
R-18459-41K uCosminexus TP1/Offline Tester 07-00
R-1845A-41K uCosminexus TP1/Online Tester 07-00
R-1845C-41K uCosminexus TP1/Shared Table Access 07-00
R-1845D-41K uCosminexus TP1/Resource Manager Monitor 07-00
R-1845E-41K uCosminexus TP1/Multi 07-00
R-1845F-41K uCosminexus TP1/Web 07-00
R-F18455-411K uCosminexus TP1/Message Control/Tester 07-00
R-F18456-411K uCosminexus TP1/NET/User Agent 07-00
R-F18456-415K uCosminexus TP1/NET/XMAP3 07-01*
R-F18456-41CK uCosminexus TP1/NET/TCP/IP 07-02*
For HP-UX 11i V2 (IPF) and HP-UX 11i V3 (IPF)
P-1J64-3F21 uCosminexus TP1/NET/High Availability 07-00
P-1J64-4F11 uCosminexus TP1/NET/High Availability(64) 07-00
P-1J64-8521 uCosminexus TP1/Extension 1 07-00
P-1J64-8611 uCosminexus TP1/Extension 1(64) 07-00
P-1J64-8921 uCosminexus TP1/High Availability 07-00
P-1J64-8A11 uCosminexus TP1/High Availability(64) 07-00
P-1J64-C371 uCosminexus TP1/Message Queue 07-01
P-1J64-C571 uCosminexus TP1/Message Queue(64) 07-01
P-1J64-C871 uCosminexus TP1/Message Queue - Access(64) 07-00
R-18451-21J uCosminexus TP1/Client/W 07-02
R-18452-21J uCosminexus TP1/Server Base 07-03*
R-18453-21J uCosminexus TP1/FS/Direct Access 07-03*
R-18454-21J uCosminexus TP1/FS/Table Access 07-03*
R-18455-21J uCosminexus TP1/Message Control 07-03*
R-18456-21J uCosminexus TP1/NET/Library 07-04*
R-18459-21J uCosminexus TP1/Offline Tester 07-00
R-1845A-21J uCosminexus TP1/Online Tester 07-00
R-1845C-21J uCosminexus TP1/Shared Table Access 07-00
R-1845D-21J uCosminexus TP1/Resource Manager Monitor 07-00
R-1845E-21J uCosminexus TP1/Multi 07-00
R-1845F-21J uCosminexus TP1/Web 07-00
R-1B451-11J uCosminexus TP1/Client/W(64) 07-02
R-1B452-11J uCosminexus TP1/Server Base(64) 07-03*
R-1B453-11J uCosminexus TP1/FS/Direct Access(64) 07-03*
R-1B454-11J uCosminexus TP1/FS/Table Access(64) 07-03*
R-1B455-11J uCosminexus TP1/Message Control(64) 07-03*
R-1B456-11J uCosminexus TP1/NET/Library(64) 07-04*
R-F18455-211J uCosminexus TP1/Message Control/Tester 07-00
R-F18456-215J uCosminexus TP1/NET/XMAP3 07-01*

R-F18456-21CJ uCosminexus TP1/NET/TCP/IP 07-02*

R-F1B456-11CJ uCosminexus TP1/NET/TCP/IP(64) 07-02*

For Solaris 8, Solaris 9, and Solaris 10

P-9D64-3F31 uCosminexus TP1/NET/High Availability 07-00

P-9D64-8531 uCosminexus TP1/Extension 1 07-00

P-9D64-8931 uCosminexus TP1/High Availability 07-00

R-19451-216 uCosminexus TP1/Client/W 07-00

R-19452-216 uCosminexus TP1/Server Base 07-00

R-19453-216 uCosminexus TP1/FS/Direct Access 07-00

R-19454-216 uCosminexus TP1/FS/Table Access 07-00

R-19455-216 uCosminexus TP1/Message Control 07-03*

R-19456-216 uCosminexus TP1/NET/Library 07-04*

R-19459-216 uCosminexus TP1/Offline Tester 07-00

R-1945A-216 uCosminexus TP1/Online Tester 07-00

R-1945C-216 uCosminexus TP1/Shared Table Access 07-00

R-1945D-216 uCosminexus TP1/Resource Manager Monitor 07-00

R-1945E-216 uCosminexus TP1/Multi 07-00

R-F19456-2156 uCosminexus TP1/NET/XMAP3 07-01*

R-F19456-21C6 uCosminexus TP1/NET/TCP/IP 07-02*

For Red Hat Enterprise Linux AS 4 (AMD64 & Intel EM64T), Red Hat Enterprise Linux AS 4 (x86), Red Hat Enterprise Linux ES 4 (AMD64 & Intel EM64T), and Red Hat Enterprise Linux ES 4 (x86)

P-9S64-2161 uCosminexus TP1/Server Base 07-00

P-9S64-2351 uCosminexus TP1/FS/Direct Access 07-00

P-9S64-2451 uCosminexus TP1/FS/Table Access 07-00

P-9S64-2551 uCosminexus TP1/Client/W 07-00

P-9S64-3151 uCosminexus TP1/Message Control 07-00

P-9S64-3251 uCosminexus TP1/NET/Library 07-00

P-9S64-C371 uCosminexus TP1/Message Queue 07-01

P-F9S64-3251C uCosminexus TP1/NET/TCP/IP 07-00

P-F9S64-3251U uCosminexus TP1/NET/User Datagram Protocol 07-00

R-1845F-A15 uCosminexus TP1/Web 07-00

For Red Hat Enterprise Linux AS 4 (AMD64 & Intel EM64T), Red Hat Enterprise Linux AS 4 (x86), Red Hat Enterprise Linux ES 4 (AMD64 & Intel EM64T), Red Hat Enterprise Linux ES 4 (x86), Red Hat Enterprise Linux 5 (AMD/Intel 64), Red Hat Enterprise Linux 5 (x86), Red Hat Enterprise Linux 5 Advanced Platform (AMD/Intel 64), and Red Hat Enterprise Linux 5 Advanced Platform (x86)

P-9S64-2951 uCosminexus TP1/High Availability 07-00

P-9S64-8551 uCosminexus TP1/Extension 1 07-00

P-9S64-C771 uCosminexus TP1/Message Queue - Access 07-01

P-F9S64-3251D uCosminexus TP1/NET/High Availability 07-00

For Red Hat Enterprise Linux 5 (AMD/Intel 64), Red Hat Enterprise Linux 5 (x86), Red Hat Enterprise Linux 5 Advanced Platform (AMD/Intel 64), and Red Hat Enterprise Linux 5 Advanced Platform (x86)

P-9S64-2171 uCosminexus TP1/Server Base 07-03

P-9S64-2361 uCosminexus TP1/FS/Direct Access 07-03

P-9S64-2461 uCosminexus TP1/FS/Table Access 07-03

P-9S64-2561 uCosminexus TP1/Client/W 07-02

P-9S64-3161 uCosminexus TP1/Message Control 07-03*

P-9S64-3261 uCosminexus TP1/NET/Library 07-04*

P-9S64-C571 uCosminexus TP1/Message Queue 07-01

P-F9S64-32611 uCosminexus TP1/NET/User Agent 07-00

P-F9S64-3261C uCosminexus TP1/NET/TCP/IP 07-02

P-F9S64-3261U uCosminexus TP1/NET/User Datagram Protocol 07-00

For Red Hat Enterprise Linux 5 (AMD/Intel 64) and Red Hat Enterprise Linux 5 Advanced Platform (AMD/Intel 64)

P-9W64-2111 uCosminexus TP1/Server Base(64) 07-03

P-9W64-2311 uCosminexus TP1/FS/Direct Access(64) 07-03

P-9W64-2411 uCosminexus TP1/FS/Table Access(64) 07-03

P-9W64-2911 uCosminexus TP1/High Availability(64) 07-02

P-9W64-8511 uCosminexus TP1/Extension 1(64) 07-02

For Red Hat Enterprise Linux AS 4 (IPF)

P-9V64-2121 uCosminexus TP1/Server Base 07-00

P-9V64-2321 uCosminexus TP1/FS/Direct Access 07-00

P-9V64-2421 uCosminexus TP1/FS/Table Access 07-00

P-9V64-2521 uCosminexus TP1/Client/W 07-00

P-9V64-3121 uCosminexus TP1/Message Control 07-00

P-9V64-3221 uCosminexus TP1/NET/Library 07-00

P-9V64-C371 uCosminexus TP1/Message Queue(64) 07-01

P-9V64-C771 uCosminexus TP1/Message Queue - Access(64) 07-00

P-F9V64-3221C uCosminexus TP1/NET/TCP/IP 07-00

P-F9V64-3221U uCosminexus TP1/NET/User Datagram Protocol 07-00

For Red Hat Enterprise Linux AS 4 (IPF), Red Hat Enterprise Linux 5 (Intel Itanium), and Red Hat Enterprise Linux 5 Advanced Platform (Intel Itanium)

P-9V64-2921 uCosminexus TP1/High Availability 07-00

P-9V64-8521 uCosminexus TP1/Extension 1 07-00

P-F9V64-3221D uCosminexus TP1/NET/High Availability 07-00

For Red Hat Enterprise Linux 5 (Intel Itanium) and Red Hat Enterprise Linux 5 Advanced Platform (Intel Itanium)

P-9V64-2131 uCosminexus TP1/Server Base 07-02

P-9V64-2331 uCosminexus TP1/FS/Direct Access 07-02

P-9V64-2431 uCosminexus TP1/FS/Table Access 07-02

P-9V64-2531 uCosminexus TP1/Client/W 07-02

P-9V64-3131 uCosminexus TP1/Message Control 07-03*

P-9V64-3231 uCosminexus TP1/NET/Library 07-04*

P-F9V64-3231C uCosminexus TP1/NET/TCP/IP 07-02*

P-F9V64-3231U uCosminexus TP1/NET/User Datagram Protocol 07-00

For Windows 2000, Windows Server 2003, Windows Server 2003 x64 Editions, Windows Server 2003 R2, Windows Server 2003 R2 x64 Editions, Windows XP, Windows Vista, and Windows Vista x64

P-2464-2144 uCosminexus TP1/Client/P 07-02

For Windows 2000, Windows Server 2003, Windows Server 2003 x64 Editions, Windows Server 2003 R2, Windows Server 2003 R2 x64 Editions, and Windows XP

R-1845F-8134 uCosminexus TP1/Web 07-00

For Windows 2000, Windows Server 2003, Windows Server 2003 x64 Editions, Windows Server 2003 R2, Windows Server 2003 R2 x64 Editions, Windows XP, Windows Vista, Windows Vista x64, Windows Server 2008, and Windows Server 2008 x64

P-2464-7824 uCosminexus TP1/Client for .NET Framework 07-03

R-15451-21 uCosminexus TP1/Connector for .NET Framework 07-03

For Windows Server 2003, Windows Server 2003 x64 Editions, Windows Server 2003 R2, Windows Server 2003 R2 x64 Editions, Windows XP, Windows Vista, Windows Vista x64, Windows Server 2008, and Windows Server 2008 x64

P-2464-2274 uCosminexus TP1/Server Base 07-03*

P-2464-2374 uCosminexus TP1/FS/Direct Access 07-03*

P-2464-2474 uCosminexus TP1/FS/Table Access 07-03*

P-2464-2544 uCosminexus TP1/Extension 1 07-00

P-2464-3154 uCosminexus TP1/Message Control 07-03*

P-2464-3254 uCosminexus TP1/NET/Library 07-04*

P-2464-3354 uCosminexus TP1/Messaging 07-00

P-2464-C374 uCosminexus TP1/Message Queue 07-01

P-2464-C774 uCosminexus TP1/Message Queue - Access 07-00

P-F2464-3254C uCosminexus TP1/NET/TCP/IP 07-02*

R-15452-21 uCosminexus TP1/Extension for .NET Framework 07-00

R-1945B-24 uCosminexus TP1/LiNK 07-02

For Windows Server 2003, Windows Server 2003 x64 Editions, Windows Server 2003 R2, Windows Server 2003 R2 x64 Editions, and Windows XP

P-F2464-32545 uCosminexus TP1/NET/XMAP3 07-01*

For Windows Server 2003, Windows Server 2003 x64 Editions, Windows Server 2003 R2, Windows Server 2003 R2 x64 Editions, Windows Server 2008, and Windows Server 2008 x64

P-2464-2934 uCosminexus TP1/High Availability 07-00

P-F2464-3254D uCosminexus TP1/NET/High Availability 07-00

For Java VM

P-2464-7394 uCosminexus TP1/Client/J 07-02

P-2464-73A4 uCosminexus TP1/Client/J 07-02

This manual can be used for products other than the products shown above. For details, see the *Release Notes*.

This product was developed under a quality management system that has received ISO9001 and TickIT certification.

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SOAP is an XML-based protocol for sending messages and making remote procedure calls in a distributed environment.

Summary of amendments

The following table lists changes in this manual (3000-3-D56-30(E)) and product changes related to this manual for uCosminexus TP1/Server Base 07-03, uCosminexus TP1/Server Base(64) 07-03, uCosminexus TP1/Message Control 07-03, uCosminexus TP1/Message Control(64) 07-03, uCosminexus TP1/NET/Library 07-04, and uCosminexus TP1/NET/Library(64) 07-04.

Changes	Location
An explanation has been added about additional information that is output.	*1.1*
An explanation about maintenance personnel has been changed.	*1.2*
The following messages have been added: *KFCA00423-W, KFCA00603-W, KFCA00686-W, KFCA00718-E, KFCA00772-I, KFCA00773-E, KFCA00795-I, KFCA00878-W, KFCA01127-I, KFCA01893-I, KFCA03111-W, KFCA10242-I, KFCA10562-I, KFCA10563-I, KFCA10714-E, KFCA10849-E, KFCA10850-E, KFCA11557-E, KFCA11578-E, KFCA11579-E, KFCA11580-E, KFCA14855-I, KFCA16430-I, KFCA16433-I, KFCA16434-I, KFCA16435-I, KFCA16436-I, KFCA16437-I, KFCA16438-E, KFCA26206-I, KFCA26207-E, KFCA33420-I, KFCA33421-I*	*2.1, 3.1, 5.1, 6.1, 7.1, 8.1, 10.1, 13.1, 14.1*
The following messages have been changed: *KFCA00721-E, KFCA00726-E, KFCA00730-E, KFCA00794-I, KFCA01742-E, KFCA01749-I, KFCA01823-E, KFCA01824-E, KFCA01825-E, KFCA01847-E, KFCA01866-E, KFCA02801-I, KFCA02809-E, KFCA03103-E, KFCA03105-I, KFCA10240-E, KFCA10364-I, KFCA10367-I, KFCA10379-I, KFCA10505-I, KFCA10518-I, KFCA25114-E, KFCA26208-E, KFCA26770-I, KFCA26771-I, KFCA26954-W, KFCA26956-W, KFCA26965-E, KFCA26970-E, KFCA26971-E, KFCA27790-W, KFCA32705-E, KFCA32707-W, KFCA32741-E, KFCA32746-E*	*2.1, 3.1, 4.1, 5.1, 6.1, 13.1, 14.1*
Explanations for the following messages have been changed: *KFCA00300-E, KFCA00607-E, KFCA00715-E, KFCA01113-E, KFCA01200-E, KFCA01251-E, KFCA01945-E, KFCA01946-E, KFCA01948-E, KFCA01967-E, KFCA03010-E, KFCA03015-E, KFCA03103-E, KFCA03705-W, KFCA03706-E, KFCA03909-E, KFCA10190-E, KFCA10273-E, KFCA10361-I, KFCA10365-I, KFCA10366-I, KFCA10368-I, KFCA10607-W, KFCA10610-E, KFCA11014-E, KFCA11015-E, KFCA11500-E, KFCA11803-W, KFCA11804-W, KFCA13678-E, KFCA14802-E, KFCA14815-E, KFCA14830-E, KFCA14831-W, KFCA14841-E, KFCA14853-W, KFCA26700-W, KFCA26705-W, KFCA26780-W, KFCA32766-W*	*2.1, 3.1, 5.1, 6.1, 7.1, 8.1, 13.1, 14.1*
The following abort codes have been added: `m01077q, m012016, m019607, m019628, m019635, m019648, m019741, m019743, m019773, m280136,` and `m280137`	*15.1*

The following table lists changes in this manual (3000-3-D56-30(E)) and product changes related to this manual for uCosminexus TP1/Message Control 07-02 and uCosminexus TP1/NET/Library 07-03

Changes	Location
The following messages have been added: *KFCA11196-W*, *KFCA11197-W*, *KFCA11198-W*, *KFCA14865-I*, *KFCA14866-W*, *KFCA14867-E*, *KFCA14868-I*, *KFCA16532-I*, *KFCA16533-I*, *KFCA16534-I*, *KFCA16535-I*, *KFCA16536-I*, *KFCA16537-I*	*7.1, 8.1, 10.1*
The following messages have been changed: *KFCA10367-I*, *KFCA10515-I*	*6.1*
Explanations for the following messages have been changed: *KFCA10606-E*, *KFCA11107-E*, *KFCA14806-W*, *KFCA14808-E*, *KFCA14816-E*, *KFCA14844-E*, *KFCA14852-E*	*6.1, 7.1, 8.1*

The following table lists changes in this manual (3000-3-D56-30(E)) and product changes related to this manual for uCosminexus TP1/Message Control 07-01 and uCosminexus TP1/NET/Library 07-01

Changes	Location
The following messages have been added: *KFCA10559-I*, *KFCA10560-I*, *KFCA10561-I*, *KFCA14857-I*, *KFCA14858-I*, *KFCA14860-W*, *KFCA14861-W*, *KFCA14862-W*, *KFCA16432-I*	*6.1, 8.1, 10.1*
The following messages have been changed: *KFCA10359-W*, *KFCA10360-I*, *KFCA10369-I*	*6.1*
Explanations for the following messages have been changed: *KFCA10359-W*, *KFCA14803-E*, *KFCA14834-E*, *KFCA14835-E*	*6.1, 8.1*
The following abort codes have been added: `m0a5225` to `m0a5227`, `m0a5230` to `m0a5232`, and `m0a5240` to `m0a5242`	*15.1*

In addition to the above changes, minor editorial corrections have been made.

The following table lists changes in the manual (3000-3-D56-20(E)) and product changes related to that manual for uCosminexus TP1/Server Base 07-02, uCosminexus TP1/Message Control 07-01, and uCosminexus TP1/NET/Library 07-01.

Changes
The following messages were added: *KFCA00344-E, KFCA00378-W, KFCA00831-W, KFCA01141-E, KFCA01921-E, KFCA01922-E, KFCA01923-E, KFCA01924-E, KFCA01925-I, KFCA01967-E, KFCA02512-E, KFCA11195-E, KFCA11820-W, KFCA11821-E, KFCA11822-W, KFCA16530-E, KFCA17160-E, KFCA26209-E, KFCA27763-W, KFCA27764-W, KFCA27765-W, KFCA32049-E, KFCA32163-W, KFCA32172-W, KFCA32766-W, KFCA32844-W, KFCA32845-W, KFCA32846-W, KFCA32847-W, KFCA32849-W, KFCA32853-I, KFCA32854-I, KFCA33300-E, KFCA33301-E, KFCA33302-E, KFCA33400-I, KFCA33401-I, KFCA33402-I, KFCA33403-E, KFCA33404-E, KFCA33405-I, KFCA33406-I, KFCA33407-E, KFCA33408-I, KFCA33409-I, KFCA33410-I, KFCA33411-W, KFCA33412-I, KFCA33413-I, KFCA33414-W, KFCA33415-I, KFCA33416-I, KFCA33417-W, KFCA33418-W, KFCA33419-I, KFCA33500-I, KFCA33501-E, KFCA33502-I, KFCA33503-I*
The following messages were changed: *KFCA00331-W, KFCA11138-E, KFCA25912-E, KFCA26771-I, KFCA32828-W, KFCA32829-W, KFCA32830-W, KFCA32831-W, KFCA32832-W, KFCA32833-W, KFCA32834-W, KFCA32835-W, KFCA32836-W, KFCA32837-W, KFCA32838-W, KFCA32839-W, KFCA32840-W, KFCA32841-W*
The following abort codes were added: • `jmioc17` • `m015596` to `m015598` • `m015604` • `m015908` • `m015992` • `m034221` • `m03g001` to `m03g009` • `m280001` to `m280102` • `m280104` to `m280109` • `m28010a` • `m28010b` • `m28010c` • `m28010d` • `m28010e` • `m28010f` • `m280110` to `m280520` • `Vreco01` • `Vslbs99` • `Vslis02`
The following abort code has been deleted: • `m280252`

The following table lists changes in the manual (3000-3-D56-20(E)) and product changes related to that manual for uCosminexus TP1/Server Base 07-01.

Changes
The following messages were added: *KFCA00259-W, KFCA00260-W, KFCA00261-W, KFCA00262-W, KFCA00263-W, KFCA00264-W, KFCA00265-W, KFCA00266-W, KFCA00267-W, KFCA00268-W, KFCA00269-W, KFCA00270-W, KFCA00271-W, KFCA00272-W, KFCA00273-W, KFCA00274-W, KFCA00275-W, KFCA00276-W, KFCA00277-W, KFCA00278-W, KFCA00279-W, KFCA00280-W, KFCA00281-W,*
KFCA00282-W, KFCA00283-W, KFCA00284-W, KFCA00285-W, KFCA00286-W, KFCA00287-W, KFCA00288-W, KFCA00370-W, KFCA00371-W, KFCA00372-W, KFCA00373-W, KFCA00374-W, KFCA00375-W, KFCA00376-W, KFCA00377-W, KFCA00421-W, KFCA00422-W, KFCA00677-W, KFCA00687-W, KFCA00688-W, KFCA00689-W, KFCA00690-W, KFCA00691-W, KFCA00692-W, KFCA00693-W, KFCA00694-W, KFCA00695-W, KFCA00696-W, KFCA00697-W, KFCA00698-W, KFCA00699-W, KFCA00771-W, KFCA01020-W, KFCA01021-W, KFCA01022-W, *KFCA01023-W, KFCA01024-W, KFCA01025-W, KFCA01026-W, KFCA01027-W, KFCA01028-W, KFCA01029-W, KFCA01030-W, KFCA01031-W, KFCA01032-W, KFCA01033-W, KFCA01034-W, KFCA01880-W, KFCA02751-W, KFCA02752-W, KFCA02753-W, KFCA02754-W, KFCA02755-W, KFCA02756-W, KFCA02757-W, KFCA17812-W, KFCA25160-W, KFCA25161-W, KFCA25162-W, KFCA25163-W, KFCA26030-W, KFCA26031-W, KFCA26032-W, KFCA26033-W, KFCA26034-W, KFCA26035-W, KFCA26036-W, KFCA26037-W, KFCA26038-W, KFCA26039-W, KFCA26040-W, KFCA26041-W, KFCA26042-W, KFCA26043-W, KFCA26208-W, KFCA26531-W, KFCA26532-W, KFCA26533-W, KFCA26534-W, KFCA26535-W, KFCA26536-W, KFCA26537-W, KFCA26780-W, KFCA26781-W, KFCA27770-W, KFCA27771-W, KFCA27772-W, KFCA27773-E, KFCA27774-E, KFCA27775-W,*
KFCA27776-W, KFCA27777-W, KFCA27778-W, KFCA27790-W, KFCA27791-W, KFCA27792-W, KFCA28405-E, KFCA28406-E, KFCA28415-E, KFCA28420-E, KFCA28421-E, KFCA28430-E, KFCA28432-E, KFCA28435-E, KFCA28436-E, KFCA28438-E, KFCA28439-E, KFCA28440-E, KFCA28441-E, KFCA28442-E, KFCA28470-E, KFCA28471-E, KFCA28490-E, KFCA28498-I, KFCA32044-E, KFCA32045-E, KFCA32046-E, KFCA32047-E, KFCA32048-E, KFCA32162-E, KFCA32164-W, KFCA32307-W, KFCA32308-I, KFCA32309-I, KFCA32413-I, KFCA32414-I, KFCA32415-I, KFCA32427-W, KFCA32428-E, KFCA32429-E, KFCA32430-E, KFCA32471-I, KFCA32472-I, KFCA32473-I, KFCA32474-I, KFCA32476-I, KFCA32477-I, KFCA32478-I, KFCA32479-E, KFCA32480-I, KFCA32481-I, KFCA32482-I, KFCA32483-E, KFCA32484-E, KFCA32485-E, KFCA32486-E, KFCA32487-E, KFCA32495-I, KFCA32496-E, KFCA32497-W, KFCA32521-W, KFCA32522-W, KFCA32523-W, KFCA32524-W, KFCA32762-E, KFCA32763-W, KFCA32764-W, KFCA32765-W, KFCA32800-W, KFCA32801-W, KFCA32802-W, KFCA32804-W, KFCA32805-W, KFCA32806-W, KFCA32807-W, KFCA32808-W, KFCA32810-W, KFCA32811-W, KFCA32812-W, KFCA32813-W, KFCA32814-W, KFCA32815-W, KFCA32816-W, KFCA32820-W, KFCA32821-W, KFCA32822-W, KFCA32823-W, KFCA32824-W, KFCA32825-W, KFCA32826-W, KFCA32827-W, KFCA32828-W, *KFCA32829-W, KFCA32830-W, KFCA32831-W, KFCA32832-W, KFCA32833-W, KFCA32834-W, KFCA32835-W,* *KFCA32836-W, KFCA32837-W, KFCA32838-W, KFCA32839-W, KFCA32840-W, KFCA32841-W, KFCA32842-W, KFCA32843-W, KFCA32850-W, KFCA32851-W, KFCA32852-W, KFCA32900-E, KFCA33200-W, KFCA33201-W, KFCA33202-W, KFCA33203-W, KFCA33204-W, KFCA33205-W, KFCA33206-W, KFCA33207-W, KFCA33208-W, KFCA33209-W*

Changes
The following messages were changed: *KFCA00256-I, KFCA00791-I, KFCA32106-I, KFCA32129-I, KFCA32257-E, KFCA32271-I, KFCA32273-I, KFCA32285-I, KFCA32714-E, KFCA32735-I*
The following abort codes were added: • `p21000a`   • `p211003`   • `p250052`

Preface

This manual describes the messages output by the Distributed Transaction Processing facility, OpenTP1.

Products described in this manual, other than those for which the manual is released, may not work with OpenTP1 Version 7 products. You need to confirm that the products you want to use work with OpenTP1 Version 7 products.

Intended readers

This manual is intended for managers and operators of OpenTP1.

Organization of this manual

This manual is organized into the following chapters:

1. Overview of Messages

> Chapter 1 describes how to read the messages.

2. Messages from KFCA00000 to KFCA00999

> Chapter 2 lists messages from KFCA00000 to KFCA00999, explains their meanings, and provides the recommended countermeasures to take.

3. Messages from KFCA01000 to KFCA01999

> Chapter 3 lists messages from KFCA01000 to KFCA01999, explains their meanings, and provides the recommended countermeasures to take.

4. Messages from KFCA02000 to KFCA02999

> Chapter 4 lists messages from KFCA02000 to KFCA02999, explains their meanings, and provides the recommended countermeasures to take.

5. Messages from KFCA03000 to KFCA09999

> Chapter 5 lists messages from KFCA03000 to KFCA09999, explains their meanings, and provides the recommended countermeasures to take.

6. Messages from KFCA10000 to KFCA10999

> Chapter 6 lists messages from KFCA10000 to KFCA10999, explains their meanings, and provides the recommended countermeasures to take.

7. Messages from KFCA11000 to KFCA11999

> Chapter 7 lists messages from KFCA11000 to KFCA11999, explains their meanings, and provides the recommended countermeasures to take.

8. Messages from KFCA12000 to KFCA14999

Chapter 8 lists messages from KFCA12000 to KFCA14999, explains their meanings, and provides the recommended countermeasures to take.

9. Messages from KFCA15000 to KFCA15999

Chapter 9 lists messages from KFCA15000 to KFCA15999, explains their meanings, and provides the recommended countermeasures to take.

10. Messages from KFCA16000 to KFCA16999

Chapter 10 lists messages from KFCA16000 to KFCA16999, explains their meanings, and provides the recommended countermeasures to take.

11. Messages from KFCA17000 to KFCA19999

Chapter 11 lists messages from KFCA17000 to KFCA19999, explains their meanings, and provides the recommended countermeasures to take.

12. Messages from KFCA20000 to KFCA21999

Chapter 12 lists messages from KFCA20000 to KFCA21999, explains their meanings, and provides the recommended countermeasures to take.

13. Messages from KFCA22000 to KFCA29999

Chapter 13 lists messages from KFCA22000 to KFCA29999, explains their meanings, and provides the recommended countermeasures to take.

14. Messages from KFCA30000 to KFCA34999

Chapter 14 lists messages from KFCA30000 to KFCA34999, explains their meanings, and provides the recommended countermeasures to take.

15. Abort Codes

Chapter 15 describes the causes of the abort codes (reason codes for abnormal termination) and the countermeasures.

Related publications

This manual is part of a related set of manuals. The manuals in the set are listed below (with the manual numbers):

OpenTP1 products

- *OpenTP1 Version 7 Description* (3000-3-D50(E))
- *OpenTP1 Version 7 Programming Guide* (3000-3-D51(E))
- *OpenTP1 Version 7 System Definition* (3000-3-D52(E))
- *OpenTP1 Version 7 Operation* (3000-3-D53(E))
- *OpenTP1 Version 7 Programming Reference C Language* (3000-3-D54(E))

- *OpenTP1 Version 7 Programming Reference COBOL Language* (3000-3-D55(E))

- *OpenTP1 Version 7 Messages* (3000-3-D56(E))

- *OpenTP1 Version 7 Tester and UAP Trace User's Guide* (3000-3-D57(E))

- *OpenTP1 Version 7 TP1/Client User's Guide TP1/Client/W, TP1/Client/P* (3000-3-D58(E))

- *OpenTP1 Version 7 TP1/Client User's Guide TP1/Client/J* (3000-3-D59(E))

- *OpenTP1 Version 7 TP1/LiNK User's Guide* (3000-3-D60(E))[#]

- *OpenTP1 Version 7 Protocol TP1/NET/TCP/IP* (3000-3-D70(E))

- *OpenTP1 Version 7 TP1/Message Queue User's Guide* (3000-3-D90(E))[#]

- *OpenTP1 Version 7 TP1/Message Queue Messages* (3000-3-D91(E))[#]

- *OpenTP1 Version 7 TP1/Message Queue Application Programming Guide* (3000-3-D92(E))[#]

- *OpenTP1 Version 7 TP1/Message Queue Application Programming Reference* (3000-3-D93(E))[#]

Other OpenTP1 products

- *TP1/Web User's Guide and Reference* (3000-3-D62(E))[#]

Other related products

- *Indexed Sequential Access Method ISAM* (3000-3-046(E))

- *XP/W* (3000-3-047(E))

- *Extended Mapping Service 2/Workstation XMAP2/W DESCRIPTION/USER'S GUIDE* (3000-7-421(E))

- *SEWB 3 General Information* (3000-7-450(E))

- *Job Management Partner 1/Base User's Guide* (3020-3-K06(E))

- *Job Management Partner 1/Base Messages* (3020-3-K07(E))

- *Job Management Partner 1/Base Software Developer's Guide* (3020-3-K08(E))

For OpenTP1 protocol manuals, please check whether English versions are available.

\#

If you want to use this manual, confirm that it has been published. (Some of these manuals might not have been published yet.)

Conventions: Abbreviations for product names

This manual uses the following abbreviations for product names:

Abbreviation			Full name or meaning
AIX			AIX 5L V5.1
			AIX 5L V5.2
			AIX 5L V5.3
			AIX V6.1
Client .NET	TP1/Client for .NET Framework		uCosminexus TP1/Client for .NET Framework
Connector .NET	TP1/Connector for .NET Framework		uCosminexus TP1/Connector for .NET Framework
DPM			JP1/ServerConductor/Deployment Manager
HI-UX/WE2			HI-UX/workstation Extended Version 2
HP-UX	HP-UX (IPF)		HP-UX 11i V2 (IPF)
			HP-UX 11i V3 (IPF)
	HP-UX (PA-RISC)		HP-UX 11i V1 (PA-RISC)
			HP-UX 11i V2 (PA-RISC)
IPF			Itanium(R) Processor Family
Java			Java^{TM}
JP1	JP1/AJS2	JP1/AJS2 - Agent	JP1/Automatic Job Management System 2 - Agent
		JP1/AJS2 - Manager	JP1/Automatic Job Management System 2 - Manager
		JP1/AJS2 - View	JP1/Automatic Job Management System 2 - View
	JP1/AJS2 - Scenario Operation	JP1/AJS2 - Scenario Operation Manager	JP1/Automatic Job Management System 2 - Scenario Operation Manager
		JP1/AJS2 - Scenario Operation View	JP1/Automatic Job Management System 2 - Scenario Operation View
		JP1/NETM/Audit	JP1/NETM/Audit - Manager
Linux			Linux(R)
Linux (AMD64/Intel EM64T/x86)			Red Hat Enterprise Linux AS 4 (AMD64 & Intel EM64T)

Abbreviation		Full name or meaning
		Red Hat Enterprise Linux AS 4 (x86)
		Red Hat Enterprise Linux ES 4 (AMD64 & Intel EM64T)
		Red Hat Enterprise Linux ES 4 (x86)
		Red Hat Enterprise Linux 5 (AMD/Intel 64)
		Red Hat Enterprise Linux 5 (x86)
		Red Hat Enterprise Linux 5 Advanced Platform (AMD/Intel 64)
		Red Hat Enterprise Linux 5 Advanced Platform (x86)
Linux (IPF)		Red Hat Enterprise Linux AS 4 (IPF)
		Red Hat Enterprise Linux 5 (Intel Itanium)
		Red Hat Enterprise Linux 5 Advanced Platform (Intel Itanium)
MS-DOS		Microsoft(R) MS-DOS(R)
NETM/DM		JP1/NETM/DM Client
		JP1/NETM/DM Manager
		JP1/NETM/DM SubManager
Oracle		Oracle 10g
		Oracle9i
Solaris		Solaris 8
		Solaris 9
		Solaris 10
TP1/Client	TP1/Client/J	uCosminexus TP1/Client/J
	TP1/Client/P	uCosminexus TP1/Client/P
	TP1/Client/W	uCosminexus TP1/Client/W
		uCosminexus TP1/Client/W(64)
TP1/EE		uCosminexus TP1/Server Base Enterprise Option
		uCosminexus TP1/Server Base Enterprise Option(64)

Abbreviation	Full name or meaning
TP1/Extension 1	uCosminexus TP1/Extension 1
	uCosminexus TP1/Extension 1(64)
TP1/FS/Direct Access	uCosminexus TP1/FS/Direct Access
	uCosminexus TP1/FS/Direct Access(64)
TP1/FS/Table Access	uCosminexus TP1/FS/Table Access
	uCosminexus TP1/FS/Table Access(64)
TP1/High Availability	uCosminexus TP1/High Availability
	uCosminexus TP1/High Availability(64)
TP1/LiNK	uCosminexus TP1/LiNK
TP1/Message Control	uCosminexus TP1/Message Control
	uCosminexus TP1/Message Control(64)
TP1/Message Control/Tester	uCosminexus TP1/Message Control/Tester
TP1/Message Queue	uCosminexus TP1/Message Queue
	uCosminexus TP1/Message Queue(64)
TP1/Message Queue - Access	uCosminexus TP1/Message Queue - Access
	uCosminexus TP1/Message Queue - Access(64)
TP1/Messaging	uCosminexus TP1/Messaging
TP1/Multi	uCosminexus TP1/Multi
TP1/NET/HDLC	uCosminexus TP1/NET/HDLC
TP1/NET/High Availability	uCosminexus TP1/NET/High Availability
	uCosminexus TP1/NET/High Availability(64)
TP1/NET/HSC	uCosminexus TP1/NET/HSC
TP1/NET/Library	uCosminexus TP1/NET/Library
	uCosminexus TP1/NET/Library(64)
TP1/NET/NCSB	uCosminexus TP1/NET/NCSB
TP1/NET/OSAS-NIF	uCosminexus TP1/NET/OSAS-NIF
TP1/NET/OSI-TP	uCosminexus TP1/NET/OSI-TP

Abbreviation		Full name or meaning
TP1/NET/SLU - TypeP2	TP1/NET/ Secondary Logical Unit - TypeP2	uCosminexus TP1/NET/Secondary Logical Unit - TypeP2
TP1/NET/TCP/IP		uCosminexus TP1/NET/TCP/IP
		uCosminexus TP1/NET/TCP/IP(64)
TP1/NET/UDP		uCosminexus TP1/NET/User Datagram Protocol
TP1/NET/User Agent		uCosminexus TP1/NET/User Agent
TP1/NET/X25		uCosminexus TP1/NET/X25
TP1/NET/X25-Extended		uCosminexus TP1/NET/X25-Extended
TP1/NET/XMAP3		uCosminexus TP1/NET/XMAP3
TP1/Offline Tester		uCosminexus TP1/Offline Tester
TP1/Online Tester		uCosminexus TP1/Online Tester
TP1/Resource Manager Monitor		uCosminexus TP1/Resource Manager Monitor
TP1/Server Base		uCosminexus TP1/Server Base
		uCosminexus TP1/Server Base(64)
TP1/Shared Table Access		uCosminexus TP1/Shared Table Access
TP1/Web		uCosminexus TP1/Web
Windows 2000		Microsoft[R] Windows[R] 2000 Advanced Server Operating System
		Microsoft[R] Windows[R] 2000 Datacenter Server Operating System
		Microsoft[R] Windows[R] 2000 Professional Operating System
		Microsoft[R] Windows[R] 2000 Server Operating System
Windows Server 2003		Microsoft[R] Windows Server[R] 2003, Datacenter Edition
		Microsoft[R] Windows Server[R] 2003, Enterprise Edition
		Microsoft[R] Windows Server[R] 2003, Standard Edition
Windows Server 2003 R2		Microsoft[R] Windows Server[R] 2003 R2, Enterprise Edition

Abbreviation	Full name or meaning
	Microsoft(R) Windows Server(R) 2003 R2, Standard Edition
Windows Server 2003 x64 Editions	Microsoft(R) Windows Server(R) 2003, Datacenter x64 Edition
	Microsoft(R) Windows Server(R) 2003, Enterprise x64 Edition
	Microsoft(R) Windows Server(R) 2003, Standard x64 Edition
Windows Server 2003 R2 x64 Editions	Microsoft(R) Windows Server(R) 2003 R2, Enterprise x64 Edition
	Microsoft(R) Windows Server(R) 2003 R2, Standard x64 Edition
Windows Server 2008	Microsoft(R) Windows Server(R) 2008 Datacenter (x86)
	Microsoft(R) Windows Server(R) 2008 Enterprise (x86)
	Microsoft(R) Windows Server(R) 2008 Standard (x86)
Windows Server 2008 x64 Editions	Microsoft(R) Windows Server(R) 2008 Datacenter (x64)
	Microsoft(R) Windows Server(R) 2008 Enterprise (x64)
	Microsoft(R) Windows Server(R) 2008 Standard (x64)
Windows Vista	Microsoft(R) Windows Vista(R) Business (x86)
	Microsoft(R) Windows Vista(R) Enterprise (x86)
	Microsoft(R) Windows Vista(R) Ultimate (x86)
Windows Vista x64 Editions	Microsoft(R) Windows Vista(R) Business (x64)
	Microsoft(R) Windows Vista(R) Enterprise (x64)
	Microsoft(R) Windows Vista(R) Ultimate (x64)
Windows XP	Microsoft(R) Windows(R) XP Professional Operating System

- The term Windows is used to indicate Windows Server 2003, Windows XP and Windows Vista if the difference in functions among them need not be considered.

- The term UNIX is used to indicate AIX, HP-UX, Linux, and Solaris.

Conventions: Fonts and symbols

The following table explains the fonts used in this manual:

Font	Convention
Bold	**Bold** type indicates text on a window, other than the window title. Such text includes menus, menu options, buttons, radio box options, or explanatory labels. For example: • From the **File** menu, choose **Open**. • Click the **Cancel** button. • In the **Enter name** entry box, type your name.
Italics	*Italics* are used to indicate a placeholder for some actual text to be provided by the user or system. For example: • Write the command as follows: `copy` *source-file target-file* • The following message appears: `A file was not found. (file = ` *file-name* `)` *Italics* are also used for emphasis. For example: • Do *not* delete the configuration file.
`Code font`	A `code font` indicates text that the user enters without change, or text (such as messages) output by the system. For example: • At the prompt, enter `dir`. • Use the `send` command to send mail. • The following message is displayed: `The password is incorrect.`

The following table explains the symbols used in this manual:

Symbol	Convention
`|`	In syntax explanations, a vertical bar separates multiple items, and has the meaning of OR. For example: `A|B|C` means `A`, or `B`, or `C`.
`{ }`	In syntax explanations, curly brackets indicate that only one of the enclosed items is to be selected. For example: `{A|B|C}` means only one of `A`, or `B`, or `C`.
`[ ]`	In syntax explanations, square brackets indicate that the enclosed item or items are optional. For example: `[A]` means that you can specify `A` or nothing. `[B|C]` means that you can specify `B`, or `C`, or nothing.
`...`	In coding, an ellipsis (...) indicates that one or more lines of coding are not shown for purposes of brevity. In syntax explanations, an ellipsis indicates that the immediately preceding item can be repeated as many times as necessary. For example: `A, B, B, ...` means that, after you specify `A, B`, you can specify `B` as many times as necessary.

Conventions: KB, MB, GB, and TB

This manual uses the following conventions:

- 1 KB (kilobyte) is 1,024 bytes.

- 1 MB (megabyte) is $1,024^2$ bytes.

- 1 GB (gigabyte) is $1,024^3$ bytes.

- 1 TB (terabyte) is $1,024^4$ bytes.

Conventions: Platform-specific notational differences

For the Windows version of OpenTP1, there are some notational differences from the description in the manual. The following table describes these differences.

Item	Description in the manual	Change to:
Environment variable	$aaaaaa Example: $DCDIR	%aaaaaa% Example: %DCDIR%
Path name separator	Colon (:)	Semicolon (;)
Directory name separator	Slash (/)	Backslash (\)
Absolute path name	A path from the root directory Example: /tmp	A path name from a drive letter and the root directory Example: C:\tmp
Executable file name	File name only (without an extension) Example: mcfmngrd	File name with an extension Example: mcfmngrd.exe
make command	make	nmake

Conventions: Version numbers

The version numbers of Hitachi program products are usually written as two sets of two digits each, separated by a hyphen. For example:

- Version 1.00 (or 1.0) is written as 01-00.

- Version 2.05 is written as 02-05.

- Version 2.50 (or 2.5) is written as 02-50.

- Version 12.25 is written as 12-25.

The version number might be shown on the spine of a manual as *Ver. 2.00,* but the same version number would be written in the program as *02-00*.

Notes on printed manuals

Please note that even though the printed manuals are separated into Part I and Part II, the chapters and page numbers sequentially continue from Part I to Part II.

Contents

Chapter

1. Overview of Messages

This chapter describes the output format and the description format of messages.

This chapter contains the following sections:

1.1 Format of output messages

When a message is output to a console, standard error output, or standard output

The message is output in the following format.

`KFCA00000-X YY...YY`

KFCA00000-*X*: Message ID (11 alphanumerics)

YY...YY: Message text (up to 222 bytes)

When a message is output to the standard output using the logcat command and the real time output function

Additional information is output with the message ID and the message text as a part of a message. Additional information includes the option flag of the `logcat` command and the information selected by specifying the operand in the log service definition. If the option flag and the operand of the log service definition are not specified, the system ID, year, month, day, time, requesting host system name, and requesting program ID are output as additional information.

The format of the additional information and the message that are output to the standard output is as follows:

AAAAAAA BB...BB CCCCCCC DD yyyy/mm/dd hh:mm:ss EEEEEEEE FFF
`KFCA00000-X YY...YY`

Additional information

AAAAAAA: Message sequence number (7 numerics)

BB...BB: Process ID (10 numerics when your operating system is AIX, or 5 otherwise.)

CCCCCCC: Message sequence number in a process (7 numerics)

DD: System ID (2 alphanumerics)

yyyy/mm/dd: Year, month, day (10 numerics)

hh:mm:ss: Hour, minute, second (8 numerics)

EEEEEEEE: Name of the requesting host system (8 alphanumerics)

FFF: ID of the requesting program (abbreviation of the OpenTP1 service name) (3 alphanumerics)

Fixed section in the message

KFCA00000-*X*: Message ID (11 alphanumerics)

YY...YY: Message text (up to 222 bytes)

Note

The formats described above appear when all additional information is output. Some information may not be output depending on the command's option flag and log service definition specifications. The additional information that is output appears flush left. The positioning of the additional information varies depending on how it is specified.

1.2 Format of message descriptions

A message is described in the following format:

KFCA*nnnnn-X* (*Y*)

Message text[#1, #2]

Describes the meaning of the message.

S: Indicates the main processing performed by the system after this message is output.

O: Indicates the action to be taken by the operator after this message is confirmed.

Countermeasure or Action: Indicates the action to be taken by the OpenTP1 administrator when this message is confirmed.

Notes

When *Contact maintenance personnel* appears in the operator's action or as a countermeasure in the message description, the system administrator should contact Hitachi personnel pursuant to the sales agreement.

#1

For TP1/Message Control (MCF), a three-digit MCF identifier is added to the beginning of a message text.

MCF identifier: *mcc*

m: A-Z, a-z (MCF manager process identifier)

01-ff (MCF process identifier)

0 for a remote MCF manager

cc: cc is 00 for other than the MCF communication server and MCF online command server since cc is not applicable.

mcc might become several spaces if an error message is output during the startup of MCF or MHP.

When MHP is application-started from SPP, a connection name and a logical terminal name are indicated by asterisks (*).

A logical terminal name beginning with @ indicates a logical terminal within MCF that was automatically created for application-start.

#2

When the message with output destination type (*Y*) L cannot be output to the

message log file due to an error, a code might be added at the end of the message text indicating an error has occurred and that message is output to the standard error output. In this case, the same two messages, one with the error code and one without the code, might be output.

Table 1-1 shows the error codes and the meaning.

Table 1-1: Error codes and their meaning

Code	Meaning
(E1)	An error occurred since the log service is not started.
(E2)	An error occurred in the communication with the log service.

Explanation of the message ID codes

The following shows the meaning of message ID codes.

KFCA: Indicates this message is a OpenTP1 message.

nnnnn: Indicates the message sequential number.

X: Indicates the type of the message. Table 1-2 lists the types of messages.

Table 1-2: Message types

Type	Meaning
E	• Indicates the failure disables the function of a library, command, or server. • Indicates the operation is not possible since the definition is incorrect or an invalid operand is specified in the command.
W	• Indicates a warning from a library, command, or server concerning the storage usage. • Indicates the operation continues assuming a correct value even though the definition is incorrect or an invalid operand is specified in the command.
I	• Reports a system operation to which E or W above does not apply.
R	• Indicates the system is waiting for an entry from the user in response to the output message.

Y: Indicates the type of the message output destination.

Table 1-3 lists the types of message output destinations.

If a message has multiple types of output destinations, these types are linked with a plus (+).

The type is L when the message is output to the standard output using the logcat command and the real time output function.

If L is the only output destination type, it is omitted and a blank is displayed.

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Table 1-3: Output destination types

Type	Destination
C	Console
E	Standard error output
S	Standard output
L	Message log file[#1]
R	Error log file
N	.NET error log file
T	Error trace log file
G	Connector .NET log file[#2]
M	GUI message[#3]
O	Online terminal
X	syslog
A	Audit log

#1

A message may be output to syslog or Job Management Partner 1, depending on the specification in the system common definition or log service definition.

#2

A message may also be output to a location other than a log file, depending on the specification in the `LogWriter` property of the `TP1ConnectionManager` class used for TP1/Connector for .NET Framework. For details, see the relevant TP1/Connector for .NET Framework manuals.

Messages output to the Connector .NET log file have the following format:
yyyy/mm/dd hh:mm:ss.uuu ProcessName`[`*pppp*`]` *ThreadName*`[`*tttt*`]` *message ID message-text* `PrfInfo =` *xxxx*

yyyy/mm/dd hh:mm:ss.uuu: Date and time

ProcessName: Name of the executing process

pppp: Process ID

A variable-length decimal value is output.

ThreadName: Name of the executing thread

When there is no thread name, no value is output for *ThreadName*, and the output becomes [*pppp*] [*tttt*].

tttt: Thread ID

A variable-length decimal value is output.

xxxx: Performance verification identification information that is output to a UAP trace of TP1/Client for .NET Framework and that is propagated to TP1/Server

This information is output for association with performance verification identification information that is output to a UAP trace of TP1/Client for .NET Framework and that is propagated to TP1/Server. If necessary, obtain a UAP trace for TP1/Client for .NET Framework. PrfInfo = *xxxx* is added only to an error message when PRC is executed.

#3

A message output by a GUI program provided by a Windows version of TP1/Server Base.

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Chapter

2. Messages from KFCA00000 to KFCA00999

This chapter describes messages from KFCA00000 to KFCA00999.

2.1 Messages from KFCA00000 to KFCA00999

2.1 Messages from KFCA00000 to KFCA00999

KFCA00100-E (L+E)

```
error occurred in system call aa...aa. return info=bbb, function
with error: cc...cc
```

An error occurred in a system call issued in a function provided by OpenTP1.

aa...aa: Issued system call name

bbb: Return code for the system call (errno)

cc...cc: Function where an error occurred (up to 31 characters)

S: Suspends processing and returns control to the caller.

O: Examine the cause referring to the return information. If a core file is output, save it and then contact the OpenTP1 administrator.

Countermeasure: Examine the cause referring to the return information; then modify the user program or change the system definition.

KFCA00101-W (E)

```
use of shared memory pool exceeds aaa%.
```

This message is output when the use of the shared memory pool exceeds 80%.

aaa: Percentage of the area being used in the entire shared memory pool (two or three digits)

S: Continues processing.

O: Contact the OpenTP1 administrator to check if future operation will be adversely affected.

Countermeasure: Check the value specified for `static_shmpool_size` in the system environment definition, and change it if necessary. Terminate OpenTP1 before making the change. After changing the value, restart OpenTP1.

KFCA00102-W (E)

```
use of shared memory subpool exceeds aaa%.
```

This message is output when the use of the shared memory subpool exceeds 80%.

aaa: Percentage of the area being used in the entire shared memory subpool (two or three digits)

S: Continues processing.

O: Contact the OpenTP1 administrator to check if future operation will be adversely affected.

Countermeasure: Check the value specified for `dynamic_shmpool_size` in the system environment definition, and change it if necessary. Terminate OpenTP1 before making the change. After changing the value, restart OpenTP1.

KFCA00103-E (E)

shared memory pool damaged. location=0x*aaaaaaaa* (0x*bb...bb*, 0x*cc...cc*)

The segment at 0x*aaaaaaaa*, which is a location from the head of the shared memory pool, was damaged.

aaaaaaaa: Damaged segment's location from the head of the shared memory pool

bb...bb: First eight bytes in the damaged segment

cc...cc: Last eight bytes in the damaged segment (If they cannot be displayed, `********` is displayed.)

S: Terminates abnormally.

O: Record the location and contents of the segment displayed with the message and then contact the OpenTP1 administrator. If the core file is output, save it.

Countermeasure: Record the contents of the message, and then contact maintenance personnel.

KFCA00104-E (E)

shared memory subpool damaged. location=0x*aaaaaaaa* (0x*bb...bb*, 0x*cc...cc*)

The memory block at 0x*aaaaaaaa*, which is a location from the head of the shared memory subpool, was damaged.

aaaaaaaa: Damaged memory block's location from the head of the shared memory subpool

bb...bb: First eight bytes in the damaged memory block

cc...cc: Last eight bytes in the damaged memory block (If they cannot be displayed, `********` is displayed.)

S: Terminates abnormally.

O: Record the location and contents of the memory block displayed with the message and then contact the OpenTP1 administrator. If the core file is output, save it.

Countermeasure: Record the contents of the message, and then contact maintenance personnel.

KFCA00105-E (E)

`aa...aa` (`pid=`*bbbbb*) `killed by code=`*cc...cc*`.`

OpenTP1 service was aborted because an abnormal status occurred.

aa...aa: Server name for the abort process (up to 8 characters)

   If the server name cannot be determined, `********` is displayed.

bbbb: Process ID of the aborted process

cc...cc: Abort code (abnormal termination reason code up to seven characters)

   For details of abort codes, see Chapter *15. Abort Codes*.

S: If service is aborted during system service processing, the system terminates OpenTP1 abnormally. If service is aborted during UAP processing, the system performs postprocessing and then restarts OpenTP1.

O: If a core file is output, save it and then contact the OpenTP1 administrator.

Countermeasure: Take the appropriate action according to the list of abort codes. If the list does not contain the abort code shown in the message, record the contents of the message, and then contact maintenance personnel.

KFCA00106-E (E)

`{"malloc(`*aa...aa*`)"|"realloc(`*bb...bb*`,`*aa...aa*`)"|"calloc(`*cc...cc*`,`*aa...aa*`)"}failed. pid=`*dd...dd*`, type=0x`*ee...ee*

The process-specific area could not be allocated because the standard C function malloc, realloc, or calloc returned an error.

aa...aa: Size specified for the malloc, realloc, or calloc function issued in OpenTP1

bb...bb: Address of the area specified for the realloc function issued in OpenTP1

cc...cc: Number of elements in the array specified for the calloc function issued in OpenTP1

dd...dd: Process ID of the process that issued the malloc, realloc, or calloc function

ee...ee: Type code (identification information set in each component of OpenTP1)

S: If the system can continue to operate, it continues processing. If the system cannot continue to operate, it terminates OpenTP1 abnormally.

O: Record the contents of the message and then contact the OpenTP1 administrator. If a core file is output, save it.

Countermeasure: Perform the appropriate ones of the following:

- If the system continues processing, terminate unnecessary processes.
- Check if no unnecessary area is allocated by UAP.
- Check the system definition.
- Add system swap area.
- Expand main storage.

KFCA00107-E (E)

`"`*aa...aa*`(`*bb...bb*`)" failed. errno=`*cc...cc*`: `*dd...dd*

An error occurred in a system call issued in OpenTP1.

aa...aa: System call name (up to 15 alphanumerics)

bb...bb: Optional information such as the name of the module or function that made the system call, the content of the argument to the system call, or the OpenTP1 file system name (up to 63 alphanumerics)

cc...cc: errno value for the system call error (decimal number up to three digits)

　　The error value and countermeasure are listed below.

dd...dd: Contents of the system call error

S: Performs any of the following according to the importance of the error:

- Aborts processing and terminates the process abnormally.
- Aborts processing and returns control to the caller of the running service.
- Continues processing.

O: Examine the cause of the error from the system call name and errno value referring to the appropriate manual. If a core file is output, save it and then contact the OpenTP1 administrator.

Countermeasure: Proceed as appropriate, referring to the list of errno values. If the core file is output, save it then contact the OpenTP1 administrator.

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errno value	Meaning	Countermeasures
EMFILE	The number of files which are opened in the process exceeds the maximum specified for OpenTP1.	Check and, if necessary, correct the specifications of `max_open_fds` and `max_socket_descriptors` for the process containing the error, and the maximum number of files that the OS process can open. When the system call name is `shmat`, the number of shared memory segments that the process can attach exceeds the maximum specified by the OS. Change the parameter related to the OS shared memory.
ENFILE	The number of open requests from processes on a node exceeds the maximum specified by the OS.	Check the OS definition and change it if necessary. Then, recreate the OS definition.
ENOLCK	The number of file lock requests from processes on a node exceeds the maximum specified by the OS.	
Other than the above	--	Examine the cause of the error from the system call name and errno value, referring to the appropriate manual. Then, correct the UAP, change the system definition, or re-create the OS definition.

Legend:

--: Not applicable

KFCA00108-W (E)

use of shared memory pool (shmid=*aa...aa*, RM type=*bbb*) for resource manager exceeds *ccc*%.

This message is output when the use of the shared memory pool for the resource manager exceeds 80%.

aa...aa: Shared memory identifier of the shared memory pool for resource manager whose use exceeds 80%

bbb: RM type (character string up to three digits (If it cannot be displayed, *** is displayed.))

ccc: Percentage of the area being used in the entire shared memory pool for resource manager (two or three digits)

S: Continues processing.

O: Contact the OpenTP1 administrator to check if future operation will be adversely affected.

Countermeasure: Check the resource manager definition, and change it if necessary. For details about how to estimate the shared memory for the resource manager, see the documentation for each resource manager.

KFCA00109-E (E)

shared memory pool (shmid=*aa...aa*, RM type=*bbb*) for resource manager is damaged. location=0x*cccccccc* (0x*dd...dd*, 0x*ee...ee*)

The segment at 0x*cccccccc*, which is a location from the head of the shared memory pool for resource manager, was damaged.

aa...aa: Shared memory identifier of the damaged shared memory pool for resource manager

bbb: RM type (character string up to three digits (If it cannot be displayed, *** is displayed.))

cccccccc: Damaged segment's location from the head of the shared memory pool for resource manager

dd...dd: First eight bytes in the damaged segment

ee...ee: Last eight bytes in the damaged segment (If they cannot be displayed, ******** is displayed.)

S: Terminates abnormally.

O: Record the location and contents of the segment displayed with the message and then contact the OpenTP1 administrator. If the core file is output, save it.

Countermeasure: Record the contents of the message, and then contact maintenance personnel.

KFCA00110-I (S)

usage: dcshmls[-d stt | dyn | all][-r]

Indicates the dcshmls specification format. This message is output if the command specification format is incorrect.

KFCA00111-E (E)

no optional flag specified or combination of optional flags is incorrect.

S: Stops command processing.

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O: Specify an optional flag(s) correctly, then reenter the command

KFCA00112-E (E)

```
cannot execute command because of improper operational
environment.
```

The environmental variable (DCDIR) is not set or OpenTP1 has not yet been started.

S: Stops command processing.

O: Reenter the command once the environment has been set up.

KFCA00113-E (E)

```
cannot reference shared memory for OpenTP1.
```

The shared memory for OpenTP1 cannot be referenced, preventing execution of the command. Possible causes are:

- Reference to the shared memory management file failed.

- There is no shared memory recognized by OpenTP1.

- Shared memory cannot be attached.

S: Stops command processing.

O: Examine the cause from the contents of the *KFCA00107-E* message output immediately before this message.

KFCA00114-E (E)

```
cannot continue command because of damaged shared memory for
OpenTP1.
```

Memory damage was detected during retrieval from OpenTP1 shared memory, thus preventing command processing from continuing.

S: Stops command processing.

KFCA00115-I (S)

```
usage: dcmakeup [-d] OpenTP1's directory
```

Indicates the dcmakeup specification format. This message is output if an option or argument of the command is incorrect.

S: Stops command processing.

O: Reenter the command correctly.

KFCA00116-E (E)

```
processing is impossible due to incomplete environment. reason
code: aa...aa
```

aa...aa: Indicates the cause.

CONFIGURATION: An error occurred during definition analysis.

INITIALIZING: OpenTP1 is not registered.

MEMORY: Memory is insufficient.

S: Stops command processing.

O: Take action according to the cause.

CONFIGURATION: Check the system environment definition and process service definition.

INITIALIZING: Use the dcsetup command to register OpenTP1 in the operating system.

MEMORY: Check the real memory or swap area size of the operating system.

KFCA00117-I (S)

```
starts dcmakeup command. processing mode: aa...aa
```
aa...aa: Indicates the processing mode.

CREATE: Securing the resource for OpenTP1 internal control

REMOVE: Releasing the resource for OpenTP1 internal control

S: Continues processing.

KFCA00118-I (S)

```
dcmakeup command processing is completed.
```

KFCA00119-E (E)

```
processing is impossible because OpenTP1 is operating.
```

S: Stops command processing.

O: Terminate OpenTP1, then reenter the command.

KFCA00120-E (E)

error occurred. dcmakeup command cannot be executed.

S: Stops command processing.

O: Take action according to the message output before this message.

KFCA00121-E (E)

function argument is invalid. function=*aa...aa*, argument=*bb...bb*, value=*cc...cc*

There is an error in the function argument.

aa...aa: Function name with the error

bb...bb: Name of the argument that caused the error

cc...cc: Value of the argument that caused the error

S: Continues processing if possible. If not, the system abnormal ends OpenTP1.

O: Save this message and contact the OpenTP1 administrator. If a core file is output, save it.

Countermeasure: Record the contents of the message, and then contact maintenance personnel.

KFCA00122-E (E)

shared memory pool size exceeds its limit.
static_shmpool_size=*aa....aa*, dynamic_shmpool_size=*bb....bb*,
total=*cc....cc*.

The size of the shared memory pool attempted to allocate exceeds the upper limit of OpenTP1.

aa...aa: Value of static_shmpool_size x 1024

bb...bb: Value of dynamic_shmpool_size x 1024

cc...cc: (Sum of the values of static_shmpool_size and dynamic_shmpool_size) x 1024 (size of the memory pool attempted to be allocated)

S: Terminates OpenTP1 abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: The sum of the values of the static_shmpool_size and dynamic_shmpool_size of the system environment definition exceeds the allowable

limit of OpenTP1. Re-specify these values so that the sum does not exceed the upper limit of OpenTP1.

KFCA00123-W (E)

a shared memory block exists, which prevents checking of the usage status. location=0x*aaaaaaaa*

The usage status of the shared memory block located at 0x*aaaaaaaa* from the beginning of the shared memory could not be checked.

aaaaaaaa: Location of the shared memory block from the beginning of the shared memory, for which the usage status could not be checked

S: Stops command processing.

O: Re-execute the dcshmls command. If this message is output after the second execution, the shared memory may have been corrupted. Use the dcstop -df command to forcibly terminate the system, and then save the core file and the shared memory dump file.

Countermeasure: If this message is not output when you re-execute the dcshmls command, there is no problem. If this message is still output after you execute the dcshmls command a second time, save the message, and then contact maintenance personnel.

KFCA00200-E (E)

invalid option is specified with this command.

S: Stops command processing.

O: Specify a valid option and re-execute the command.

KFCA00201-E (E)

number of command arguments or options exceeds the limit.

The number of command arguments must be 1,024 or fewer.

S: Stops command processing.

O: Specify command arguments or options within the limits and re-execute the command.

KFCA00215-E (L+E)

cannot open analysis file. analysis file=*aa...aa*, errno=*bbb*

The analysis file used for analyzing the definition cannot be opened.

aa...aa: Analysis file name (from the first character up to the 63rd character)

bbb: Error number (`errno` value)

    If the error number is 0, the described path name is incorrect.

S: Stops analysis processing for the definition file.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove the error and then restart OpenTP1.

KFCA00216-E (L+E)

```
incorrect variable. file=aa...aa, line=bb...bb, variable=cc...cc
```

An incorrect value is specified for the variable in the definition file.

aa...aa: Definition file name (from the first character up to the 63rd character)

bb...bb: Line with an error (up to five digits)

cc...cc: Variable name (from the first character up to the 31st character)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the description format of the variable name and then correct the value.

KFCA00217-E (L+E)

```
command name is invalid. file=aa...aa, line=bb...bb, command=cc...cc
```

The command described in the definition file cannot be analyzed.

aa...aa: Definition file name (from the first character up to the 63rd character)

bb...bb: Line with an error (up to five digits)

cc...cc: Command name (from the first character up to the ninth character)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the description format of the command name and then correct the command name.

KFCA00218-E (L+E)

```
option name in definition file is invalid. file=aa...aa,
line=bb...bb, option=cc...cc
```

The option name described in the definition file is incorrect.

aa...aa: Definition file name (from the first character up to the 63rd character)

bb...bb: Line with an error (up to five digits)

cc...cc: Option name (from the first character up to the third character)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the description format of the option name and then correct the option name.

KFCA00219-E (L+E)

```
command argument is invalid. file=aa...aa, line=bb...bb,
command=cc...cc
```

aa...aa: Definition file name (from the first character up to the 63rd character)

bb...bb: Line with an error (up to five digits)

cc...cc: Command name (from the first character up to the ninth character)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the description format of the command and then correct the argument.

KFCA00220-E (L+E)

```
option argument is invalid. file=aa...aa, line=bb...bb, option=cc...cc
```

aa...aa: Definition file name (from the first character up to the 63rd character)

bb...bb: Line with an error (up to five digits)

cc...cc: Option name (from the first character up to the third character)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the description format of the option and then correct the argument.

KFCA00221-E (L+E)

```
insufficient memory; cannot analyze definition file. memory
requirement=aa...aa
```

Memory is insufficient for analyzing the definition file.

aa...aa: Memory requirement when the error occurred (up to 10 digits)

S: Stops analysis processing for the definition file.

O: Contact the OpenTP1 administrator.

Countermeasure: Delete unnecessary processes, if any, and then re-execute the command. If there are no unnecessary processes, memory is insufficient. Take appropriate action, and then restart OpenTP1.

KFCA00222-E (L+E)

```
number of nests in definition file exceeds the limit. file=aa...aa,
line=bb...bb
```

aa...aa: Definition file name (from the first character up to the 63rd character)

bb...bb: Line with an error (up to five digits)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the status in which the include command is used, and then correct the definition file so that the number of nests does not exceed five.

KFCA00223-E (L+E)

```
aa...aa option specified twice. file=bb...bb, line=cc...cc
```

aa...aa: Option name (from the first character up to the third character)

bb...bb: Definition file name (from the first character up to the 63rd character)

cc...cc: Line with an error (up to five digits)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the description format of the option and then if the same option is specified twice, delete either one.

KFCA00226-I (S)

usage: usmdump [-a] [-i *user-identifier*] [*file*]

This message shows how to use the usmdump command.

KFCA00229-I (S)

usage: usmdump [-a] [-i *user-identifier*] [*file*]

This message shows how to use the usmdump command.

KFCA00232-E (E)

cannot attach to shared memory of specified ID.

S: Cancels command processing.

O: Check that the user identifier specified in the command is correct. Then re-execute the command.

KFCA00240-E (L+E)

cannot set environmental variable. file=*aa...aa*, line=*bb...bb*

An incorrect value is specified for an environmental variable.

aa...aa: File name (from the first character up to the 63rd character)

bb...bb: Line with an error (up to five digits)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the description format of the putenv command and then correct the value specified for the environmental variable.

KFCA00241-E (L+E)

I/O error occurred. file=*aa...aa*

The definition file and analysis file used for analyzing the definition cannot be read.

aa...aa: File name (from the first character up to the 63rd character)

S: Stops analysis processing for the definition file.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove the error and then restart OpenTP1.

KFCA00242-E (L+E)

cannot open definition file. definition file=*aa...aa*, errno=*bbb*

aa...aa: Definition file name (from the first character up to the 63rd character)

bbb: Error number (either the errno value or the st_mode value of the start structure)

    If the error number is 0, the described path name is incorrect.

S: Stops analysis processing for the definition file with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the description format of the file name and then correct the file name and path name.

KFCA00243-E (L+E)

record length exceeds the limit. file=*aa...aa*, line=*bb...bb*

The record length of the definition exceeds the limit of 80 bytes.

aa...aa: File name (from the first character up to the 63rd character)

bb...bb: Line with an error (up to five digits)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the syntax of the definition. One line of a system definition can contain a maximum of 80 bytes. If you want to enter more than 80 bytes, use a continuation character (\) to specify that the next line is a continuation line. For details, see the restrictions on the syntax in the manual *OpenTP1 System Definition*.

When you specify the definition in Japanese, note that one character may be converted to two or more bytes. This may cause a text editor to identify a line as containing more than 80 bytes even though the line contains no more than 80 bytes.

KFCA00244-E (L+E)

variable name specified wrong. file=*aa...aa*, line=*bb...bb*

Analysis is impossible because the specified variable has either of the following errors:

1. No variable name is described.

2. The specified variable name has an error.

aa...aa: File name (from the first character up to the 63rd character)

bb...bb: Line with an error (up to five digits)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the variable name or check if the relationship between the definition file and the definition contents is correct.

KFCA00245-E (L+E)

```
cannot open definition file specified with include. file=aa...aa,
line=bb...bb, definition file=cc...cc, errno=ddd
```

aa...aa: File name (from the first character up to the 63rd character)

bb...bb: Line with an error (up to five digits)

cc...cc: Definition file name (from the first character up to the 63rd character)

ddd: Error number (`errno` value)

    If the error number is 0, the described path name is incorrect.

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the description format of the file name and then correct the file name and path name.

KFCA00246-E (L+E)

```
aa...aa described wrong. file=bb...bb, line=cc...cc
```

aa...aa: Definition name with an error (set, putenv, etc.)

bb...bb: File name (from the first character up to the 63rd character)

cc...cc: Line with an error (up to five digits)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the description format of the definition.

KFCA00247-E (L+E)

```
command name aa...aa is invalid.
```

aa...aa: Command name (from the first character up to the ninth character)

S: Stops processing the command with an error.

O: Check and correct the command name of the command with an error and then re-execute the command.

KFCA00248-E (L+E)

`option name in` *aa...aa* `command is invalid.`

aa...aa: Command name (from the first character up to the third character)

S: Stops processing the command with an error.

O: Check and correct the option name of the command with an error and then re-execute the command.

KFCA-00249-E (L+E)

`command argument is invalid. command=`*aa...aa*

aa...aa: Command name (from the first character up to the ninth character)

S: Stops processing the command with an error.

O: Check and correct the argument of the command with an error and then re-execute the command.

KFCA00250-E (L+E)

`option argument is invalid. option=`*aa...aa*

aa...aa: Option name (from the first character up to the third character)

S: Stops processing the command with an error.

O: Check and correct the option argument of the command with an error and then re-execute the command.

KFCA00251-E (L+E)

`option specified twice. command=`*aa...aa*

aa...aa: Command name (from the first character up to the third character)

S: Stops processing the command with an error.

O: Check the option of the command with an error. If the same option is specified twice, delete either one and then re-execute the command.

KFCA00252-E (L+E)

`cannot get environmental variable. file=`*aaaa*`,line=`*bbbb*

aaaa: File name (from the first character up to the 63rd character)

bbbb: Line with the error (up to five digits)

S: Stops analysis processing for the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check whether the environment variable is defined correctly. Add or correct it if necessary.

KFCA00253-I

```
The dcdefchk command will now start.
$DCDIR: aa...aa
$DCCONFPATH: bb...bb
$DCUAPCONFPATH: cc...cc
```

aa...aa: Value of the $DCDIR environment variable[#]

bb...bb: Value of the $DCCONFPATH environment variable[#]

cc...cc: Value of the $DCUAPCONFPATH environment variable[#]

> #: The value output is the value of the environment variable when the command was executed.

S: Continues processing.

KFCA00254-R

```
An error was detected in the syntax check of the value specified
in the definition. Enter t to cancel, or g to continue.
```

S: Depends on the operator's response:

> t: Stops processing.

> g: Continues processing.

O: Select t or g.

KFCA00255-E

```
An error occurred during dcdefchk command execution.(name=aa...aa,
reason code=bb...bb, detail code=cc...cc)
```

aa...aa: Name of the function that failed (**** might be output.)

bb...bb: Reason code

cc...cc: Detail code

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S: Cancels execution of the command.

O: Take action based on the list of reason codes below, and then reenter the command.

Reason code	Meaning	Countermeasure
1001	Memory is insufficient.	Stop unnecessary processes and re-execute the command.
1010	An attempt to open a directory has failed.	Check the $DCCONFPATH or $DCUAPCONFPATH directory shown in the *KFCA00253-I* message.
1011	An attempt to read a directory has failed.	
1020	An error occurred during processing of the library required for executing the command.	Contact maintenance personnel.
1030	An error that disables further processing occurred.	

KFCA00256-I (S)

```
usage: dcdefchk [-r] [-l] [-c] [-w] [-e]
```

This message indicates how to use the dcdefchk command.

KFCA00257-E (E)

```
An existing directory has the same name as the system definition
file. directory name=aa...aa
```

aa...aa: Directory name that is the same as the definition file name

S: Cancels processing if the error cannot be ignored. If the error can be ignored, the system assumes that there is no definition file that has the same name as the directory name indicated by *aa...aa* , and then continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Delete the directory indicated by *aa...aa* from the directories specified for $DCCONFPATH or $DCUAPCONFPATH.

KFCA00258-I (S)

```
In the following system service definitions files, the syntax of
the set format operands was checked.
aa...aa
```

     :

aa...aa

This message indicates the full path names of the files in which the syntax of the `set` format operands was checked for use as system service definitions. The files shown in this message will also be handled as system service definitions when the syntax of definition commands is checked.

aa...aa: Path of a definition file selected as a system service definition for checking syntax.

KFCA00259-W (E)

(*aa....aa*: *bb....bb*) A value specified in the definition is duplicated. (*cc....cc*: *dd....dd*, *ee....ee*: *ff....ff*, specified value = *gg....gg*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the duplicated values were detected

dd....dd: Name of the operand in which the duplicated value was detected

ee....ee: Name of the definition file whose value duplicates the value of *cc....cc*

ff....ff: Name of the operand whose value duplicates the value of *dd....dd*

gg....gg: Value specified in *dd....dd* and *ff....ff*

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00260-W (E)

(*aa....aa*: *bb....bb*) Values specified in the definition do not match. (*cc....cc*: *dd....dd*=*ee....ee*, *ff....ff*: *gg....gg*=*hh....hh*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the non-matching value was detected

dd....dd: Name of the operand in which the non-matching value was detected

ee....ee: Value specified in *dd....dd*

ff....ff: Name of the definition file whose value does not match the value of *cc....cc*

gg....gg: Name of the operand whose value does not match the value of *dd....dd*

hh....hh: Value specified in *gg....gg*

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00261-W (E)

(*aa....aa*: *bb....bb*) The value specified for *ee....ee*: *cc....cc* (*dd....dd*) must be more than the value specified for *hh....hh*: *ff....ff* (*gg....gg*).

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Value specified in *dd....dd*

ff....ff: Name of the related definition file

gg....gg: Name of the related operand

hh....hh: Value specified in *gg....gg*

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00262-W (E)

(*aa....aa*: *bb....bb*) The value specified for *ee....ee*: *cc....cc* (*dd....dd*) must be less than the value specified for *hh....hh*: *ff....ff* (*gg....gg*).

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Value specified in *dd....dd*

ff....ff: Name of the related definition file

gg....gg: Name of the related operand

hh....hh: Value specified in *gg....gg*

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00263-W (E)

(*aa....aa*: *bb....bb*) The value specified for *ee....ee*: *cc....cc* (*dd....dd*) must be at least equal to the value specified for *hh....hh*: *ff....ff* (*gg....gg*).

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Value specified in *dd....dd*

ff....ff: Name of the related definition file

gg....gg: Name of the related operand

hh....hh: Value specified in *gg....gg*

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00264-W (E)

(*aa....aa*: *bb....bb*) The value specified for *ee....ee*: *cc....cc* (*dd....dd*) must be no more than the value specified for *hh....hh*: *ff....ff* (*gg....gg*).

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System*

Definition.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Value specified in *dd....dd*

ff....ff: Name of the related definition file

gg....gg: Name of the related operand

hh....hh: Value specified in *gg....gg*

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00265-W (E)

(*aa....aa*: *bb....bb*) Make sure the value specified for *ee....ee*: *cc....cc* (*dd....dd*) matches the value calculated by using the estimation formula shown in the manual. If the value is correct, ignore this message.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: Value specified in *dd....dd*

S: Continues processing.

Countermeasure: Check and, if necessary, correct the definition displayed in the message.

KFCA00266-W (E)

(*aa....aa*: *bb....bb*) Make sure the port number specified for *ee....ee*: *cc....cc* (*dd....dd*) is outside the range of port numbers arbitrarily assigned by the OS, and is different from all the other port

```
numbers specified for definition operands. If the value is
correct, ignore this message.
```

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition.*

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: Value specified in *dd....dd*

S: Continues processing.

Countermeasure: Check and, if necessary, correct the definition displayed in the message.

KFCA00267-W (E)

```
(aa....aa: bb....bb) Files cannot be created under the directory
specified for cc....cc: dd....dd. (reason = ee....ee)
```

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition.*

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Reason code

ENOENT: The directory does not exist.

EACCES: The directory cannot be accessed.

NOT DIRECTORY: The specified value is not a directory.

OTHER DCDIR: Another $DCDIR is specified.

OTHER CURRENT_WORK_PATH: The specified directory has already been specified in the prc_current_work_path operand in another OpenTP1 instance.

S: Continues processing.

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Countermeasure: Check and correct the definition displayed in the message.

KFCA00268-W (E)

(*aa....aa*: *bb....bb*) Files specified for *cc....cc*: *dd....dd* cannot be accessed. (reason = *ee....ee*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Reason code

ENOENT: The file does not exist.

EACCES: The file cannot be accessed.

ENAMETOOLONG: The file path is too long.

NOT EXECUTABLE: The file is not an executable file.

NOT FILE: The specified value is not a file.

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00269-W (E)

(*aa....aa*: *bb....bb*) If *ee....ee* is specified for *cc....cc*: *dd....dd*, the value specified for *ff....ff*: *gg....gg* (*hh....hh*) does not take effect.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file causing *hh....hh* to be invalid

dd....dd: Name of the operand or definition command causing *hh....hh* to be invalid

ee....ee: Value specified in *dd....dd*

ff....ff: Name of the definition file in which the invalid operand is specified

gg....gg: Name of the operand or definition command with the invalid value

hh....hh: Value specified in *gg....gg*

S: Continues processing.

Countermeasure: Check the definition displayed in the message, and if there is a problem, correct it. If there is no problem, ignore this message.

KFCA00270-W (E)

(*aa....aa*: *bb....bb*) If *cc....cc*: *dd....dd* is not specified, the value specified for *ee....ee*: *ff....ff* (*gg....gg*) does not take effect.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file causing *gg....gg* to be invalid

dd....dd: Name of the operand or definition command causing *gg....gg* to be invalid

ee....ee: Name of the definition file in which the invalid operand is specified

ff....ff: Name of the operand or definition command with the invalid value

gg....gg: Value specified in *ff....ff*

S: Continues processing.

Countermeasure: Check the definition displayed in the message, and if there is a problem, correct it. If there is no problem, ignore this message.

KFCA00271-W (E)

(*aa....aa*: *bb....bb*) Performance might be affected because *ee....ee* is specified for *cc....cc*: *dd....dd*. Make sure the specified value is correct.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand or definition command in which the problem was detected

ee....ee: Value specified in *dd....dd*

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00272-W (E)

(*aa....aa*: *bb....bb*) A non-recommended value is specified for *cc....cc*: *dd....dd*. Make sure the specified value is correct. If the value is correct, ignore this message. (specified value = *ee....ee*, recommended value = *ff....ff*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand or definition command in which the problem was detected

ee....ee: Value specified in *dd....dd*

ff....ff: Value recommended for *dd....dd*

S: Continues processing.

Countermeasure: Check the definition displayed in the message, and if there is a problem, correct it. If there is no problem, ignore this message.

KFCA00273-W (E)

(*aa....aa*: *bb....bb*) The value specified for *cc....cc*: *dd....dd* is too low. (specified value = *ee....ee*, recommended value = *ff....ff*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand or definition command in which the problem was detected

ee....ee: Value specified in *dd....dd*

ff....ff: Recommended value for *dd....dd*

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00274-W (E)

(*aa....aa*: *bb....bb*) The value specified for *cc....cc*: *dd....dd* is too high. (specified value = *ee....ee*, recommended value = *ff....ff*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand or definition command in which the problem was detected

ee....ee: Value specified in *dd....dd*

ff....ff: Recommended value for *dd....dd*

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00275-W (E)

(*aa....aa*: *bb....bb*) The value specified for *cc....cc*: *dd....dd* is invalid. (specified value = *ee....ee*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

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dd....dd: Name of the operand or definition command in which the problem was detected

ee....ee: Value specified in *dd....dd*

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00276-W (E)

(*aa....aa*: *bb....bb*) If *ee....ee* is not specified for *cc....cc*: *dd....dd*, the value specified for *ff....ff*: *gg....gg* (*hh....hh*) does not take effect.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file causing *hh....hh* to be invalid

dd....dd: Name of the operand or definition command causing *hh....hh* to be invalid

ee....ee: Value that is not specified in *dd....dd*

ff....ff: Name of the definition file in which the invalid operand is specified

gg....gg: Name of the operand or definition command with the invalid value

hh....hh: Value specified in *gg....gg*

S: Continues processing.

Countermeasure: Check the definition displayed in the message, and if there is a problem, correct it. If there is no problem, ignore this message.

KFCA00277-W (E)

(*aa....aa*: *bb....bb*) If *cc....cc*: *dd....dd* is specified, the value specified for *ee....ee*: *ff....ff* (*gg....gg*) does not take effect.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file causing *gg....gg* to be invalid

dd....dd: Name of the operand or definition command causing *gg....gg* to be invalid

ee....ee: Name of the definition file in which the invalid operand is specified

ff....ff: Name of the operand or definition command with the invalid value

gg....gg: Value specified in *ff....ff*

S: Continues processing.

Countermeasure: Check the definition displayed in the message, and if there is a problem, correct it. If there is no problem, ignore this message.

KFCA00278-W (E)

(*aa....aa*: *bb....bb*) If *ee....ee* is specified for *cc....cc*: *dd....dd*, the value specified for *ff....ff*: *gg....gg* does not take effect.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file causing *gg....gg* to be invalid

dd....dd: Name of the operand or definition command causing *gg....gg* to be invalid

ee....ee: Value specified in *dd....dd*

ff....ff: Name of the definition file in which the invalid operand is specified

gg....gg: Name of the operand or definition command with the invalid value

S: Continues processing.

Countermeasure: Check the definition displayed in the message, and if there is a problem, correct it. If there is no problem, ignore this message.

KFCA00279-W (E)

(*aa....aa*: *bb....bb*) If *cc....cc*: *dd....dd* is not specified, the value specified for *ee....ee*: *ff....ff* does not take effect.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file causing the value specified in *ff....ff* to be invalid

dd....dd: Name of the operand or definition command causing the value specified in *ff....ff* to be invalid

ee....ee: Name of the definition file in which the invalid operand is specified

ff....ff: Name of the operand or definition command with the invalid value

S: Continues processing.

Countermeasure: Check the definition displayed in the message, and if there is a problem, correct it. If there is no problem, ignore this message.

KFCA00280-W (E)

(*aa....aa*: *bb....bb*) If *ee....ee* is not specified for *cc....cc*: *dd....dd*, the value specified for *ff....ff*: *gg....gg* does not take effect.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file causing the value specified in *gg....gg* to be invalid

dd....dd: Name of the operand or definition command causing the value specified in *gg....gg* to be invalid

ee....ee: Value that is not specified in *dd....dd*

ff....ff: Name of the definition file in which the invalid operand is specified

gg....gg: Name of the operand or definition command with the invalid value

S: Continues processing.

Countermeasure: Check the definition displayed in the message, and if there is a problem, correct it. If there is no problem, ignore this message.

KFCA00281-W (E)

(*aa....aa*: *bb....bb*) If *cc....cc*: *dd....dd* is specified, the value specified for *ee....ee*: *ff....ff* does not take effect.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file causing the value specified in *ff....ff* to be invalid

dd....dd: Name of the operand or definition command causing the value specified in *ff....ff* to be invalid

ee....ee: Name of the definition file in which the invalid operand is specified

ff....ff: Name of the operand or definition command with the invalid value

S: Continues processing.

Countermeasure: Check the definition displayed in the message, and if there is a problem, correct it. If there is no problem, ignore this message.

KFCA00282-W (E)

(*aa....aa*: *bb....bb*) An unsupported definition operand is specified. (*cc....cc*: *dd....dd*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which an unsupported definition is specified

dd....dd: Name of the unsupported operand or definition command

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00283-W (E)

An error occurred during the definition check. Subsequent processing will continue, but processing related to the *aa....aa* functionality will be skipped.

aa....aa: Function for which the definition check was skipped

S: Continues processing.

Countermeasure: Re-execute the command.

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KFCA00284-W (E)

```
A minor error occurred during the definition check, but
subsequent processing will continue. (maintenance information 1
= aa....aa, maintenance information 2 = bbb)
```

aa....aa: Maintenance information (the function that caused an error)

bbb: Maintenance information (negative three-digit value)

S: Continues processing.

Countermeasure: Re-execute the command.

KFCA00285-W (E)

```
(aa....aa: bb....bb) A required definition operand is not specified.
(cc....cc: dd....dd)
```

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file with the required operand

dd....dd: Name of the required operand or definition command

S: Continues processing.

Countermeasure: Check and correct the definition displayed in the message.

KFCA00286-W (E)

```
(aa....aa: bb....bb) A required definition file does not exist.
(definition file name = cc....cc)
```

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the required definition file

S: Continues processing.

Countermeasure: Create a definition file indicated in the message.

KFCA00287-W (E)

(*aa....aa*: *bb....bb*) The *cc....cc*: `rpc_trace_name` file name must be no more than 13 characters. (file name = *dd....dd*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the `rpc_trace_name` operand is specified

dd....dd: File name specified in the `rpc_trace_name` operand

   Note that if the specified file name is too long, only the first 370 bytes are output.

S: Continues processing.

Countermeasure: Correct the file name specified in the `rpc_trace_name` operand in the definition file indicated by the message so that it is no more than 13 characters.

KFCA00288-W (E)

(*aa....aa*: *bb....bb*) An environment variable cannot be specified other than at the beginning of `rpc_trace_name`. (definition file name = *cc....cc*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

S: Continues processing.

Countermeasure: Check and correct the specification in the `rpc_trace_name` operand.

KFCA00300-E

RPC error. return info=*aa...aa*, function with error: *bb...bb*, local
pid=*cc...cc*, local process port number=*dd...dd*

aa...aa: Maintenance information

bb...bb: Name of the OpenTP1 function with the error

cc...cc: Process ID

dd...dd: Receiving port number (listen port number)

S: Outputs the *KFCA00105-E* message, and terminates the process abnormally.

O: If a dump is output to the core file, save the dump and then contact the OpenTP1
administrator.

If only this message is output, no action is necessary.

If other messages are also output, take the corrective action given for those
messages.

Countermeasure: Follow the countermeasure for the *abort code* indicated in the
message *KFCA00105-E*, appearing immediately after this message.

KFCA00301-E

ERROR: RC=*aa...aa*, at: *bb...bb*, pid=*cc...cc*, myport=*dd...dd*

aa...aa: Maintenance information

bb...bb: Name of the OpenTP1 function with the error

cc...cc: Process ID

dd...dd: Receiving port number (listen port number)

S: Outputs the *KFCA00105-E* message, and terminates the process abnormally.

O: If a core file is output, save it and then contact the OpenTP1 administrator.

Countermeasure: Follow the countermeasure for the *abort code* indicated in the
message *KFCA00105-E* that appears immediately after this message.

KFCA00302-E (L+E)

cannot initiate normal operation of UAP (server=*aa...aa*, service
group=*bb...bb*). RPC interface definition does not include entry
point *cc...cc* specified in service operand of user service
definition.

The RPC interface definition must include the same entry point name as in the user service definition.

aa...aa: Server name with an error (up to 8 alphanumerics)

bb...bb: Service group name in the user service definition (up to 31 alphanumerics)

cc...cc: Entry point name in the user service definition (up to 31 alphanumerics)

S: Abnormally terminates dc_rpc_mainloop or dc_mcf_mainloop issued by the displayed UAP.

O: Contact the OpenTP1 administrator.

Countermeasure:

If the entry point name in the user service definition is incorrect:

Correct the user service definition and then start the UAP process with the dcsvstart command.

If the RPC interface definition is incorrect:

Correct the RPC interface definition and then re-create a server stub with the stbmake command. Relink it to UAP with the cc command. Finally start the UAP process with the dcsvstart command.

KFCA00305-E

```
Stack overflowed. pid=aa...aa, tid=bb...bb, assigned stack=cc...cc
bytes, used=dd...dd bytes.
```

Stack overflow was detected during RPC service. Memory allocation for a stack is performed at the start of the process according to the instructions in the system common definition. However, memory shortage occurred when the process was being executed.

aa...aa: Process ID of the process executing when the stack overflow was detected

bb...bb: Thread ID of the process executing when the stack overflow was detected

cc...cc: Allocated stack length

dd...dd: Actually used stack length

S: Terminates the displayed process abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Check if UAP allocates no unnecessary automatic variables.

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KFCA00306-E (C+E)

```
insufficient memory for RPC. local pid=aa...aa, local process port
number=bb...bb
```

A system call, such as socket() or send(), issued for an RPC terminated abnormally because of insufficient memory.

aa...aa: Local process ID

bb...bb: Receiving port number (listen port number) of the local process

S: Abnormally terminates dc_rpc_open, dc_rpc_close, dc_rpc_call, dc_rpc_mainloop, or dc_mcf_mainloop issued by UAP.

O: Contact the OpenTP1 administrator.

KFCA00307-E (E)

```
insufficient file descriptor for RPC. local pid=aaaa, local
process port number=bbbb
```

Socket file descriptors were insufficient for this process to perform inter-process communication with the system server or user server.

aaaa: Process ID of the process with insufficient socket

bbbb: Receiving port number (listen port number) of the process for which socket descriptors were insufficient

S: Outputs the *KFCA00105-E* message with *abort code* r320002 or r230091, and terminates the process abnormally.

O: Check and correct the values of the max_socket_descriptors and max_open_fds definitions in the system operation environment. Then, restart the process. If the system has stopped, restart it. For examples of errors in which a message is output and the procedure for finding the reason they occurred, see the manual *OpenTP1 Operation*.

KFCA00308-E (E)

```
no data in RPC trace file aa...aa.
```

No data is in the specified file *aa...aa*.

aa...aa: Specified file name

S: Stops processing the command.

O: Check the file name and then reenter the command.

KFCA00310-E (E)

RPC trace file *aa...aa* not found.

Specified file *aa...aa* is not found.

aa...aa: Specified file name

S: Stops processing the command.

O: Check the file name and then reenter the command.

KFCA00312-E (E)

RPC trace file access error. return info=*aaaaaaaa*, function with error: *bb...bb*

Possible errors are:

- Insufficient memory

- RPC trace file I/O error

aaaaaaaa: Return information

bb...bb: Function name

S: Stops processing the command.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause referring to the return information. Remove the cause of the error and then re-execute the command.

KFCA00314-I (S)

```
usage: rpcdump [-r|-m] [-c|-f] [-d message length]
[-t [start][,end]]
[-s service group name[,service name]...]
[-b node identifier[,node identifier]...]
[-v server name[,server name]...]
[-p pid[,pid]...][-x xid[,xid]...]
[-n [start number][,end number]][file name]
```

The usage of the rpcdump command is displayed. This message is output when the command format is incorrect.

S: Does not process the command.

O: Reenter the command in the correct format.

KFCA00315-E (C+E)

```
timeout occurred in chained RPC. service group=aa...aa, local
pid=bb...bb
```

The caller did not report the end of the chained RPC when the chained RPC exceeded the length of time specified in the `watch_next_chain_time` operand in the user service definition. Alternatively, the transaction did not end even though the length of time specified in the `watch_next_chain_time` operand in the user service definition has elapsed since the previous call of the chained RPC.

aa...aa: Service group name (up to 32 characters)

bb...bb: Local process ID

S: Abnormally terminates `dc_rpc_mainloop` issued by the displayed UAP.

O: If the caller's process has already aborted, ignore the message. When the caller (transaction source) is normal and this message is output, set the interval between the start and end of the transaction within the length of time specified in the `watch_next_chain_time` operand in the user service definition. If the above countermeasure is impossible or the message is still output after the countermeasure, record the abort code and then contact maintenance personnel.

KFCA00316-E (C+E)

```
RPC of message received from UAP with different OpenTP1 version.
local pid=aa...aa, remote node addr=bb...bb, remote port number=cc...cc
```

The message sender's OpenTP1 version differs from the receiver's. Or, the dc_rpc_mainloop function has been issued from MHP.

aa...aa: Local process ID

bb...bb: Sender node address (up to 15 alphanumerics)

> If the system cannot display the node address correctly due to reception of an invalid message, `???` appears.

cc...cc: Receiving port number of the sender (listen port number)

> If the system cannot display the port number correctly due to reception of an invalid message, `0` appears.

S: Discards the message that caused this KFCA00316-E message to be output and continues processing. It is not notified to the sender.

O: Check if the OpenTP1 version of the UAP that sent the message is the same as that of the UAP that output this KFCA00316-E message. If they are different, make both UAPs have the same version.

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If the dc_rpc_mainloop function has been issued from MHP, change to the `dc_mcf_mainloop` function.

To change the version of the user server, relink it to the library of the correct OpenTP1 version.

KFCA00317-E (C+E)

```
cannot open RPC trace file aa...aa.
```

The RPC trace file could not be opened or a definition analysis error concerned with the RPC trace file occurred.

aa...aa: RPC trace file name (up to 64 characters)

S: Returns `dc_rpc_open` with an error if the process that output the message cannot continue processing. The system continues processing whenever possible. RPC tracing is not performed.

O: Check if the following definition parameters are correct:

- `rpc_trace_name` in the system common definition
- `rpc_trace_size` in the system common definition

If correcting these parameters does not solve the problem, contact maintenance personnel.

KFCA00318-E (C+E)

```
service group name of started server already being used.
server=aa...aa, service group=bb...bb
```

The service group name of the started server is the same as that of previously started server that receives requests from a queue. Therefore, the service group cannot be registered.

aa...aa: Server name or file name of the user service definition (up to 8 alphanumeric characters)

bb...bb: Service group name (up to 32 alphanumeric characters)

S: Abnormally terminates the displayed process.

O: A server that receives requests from a socket and a server that receives requests from a queue, that both have the same service group name, cannot be started at the same time. To start a server that receives requests from a socket, first stop the same-named server that receives requests from a queue.

KFCA00319-E (E)

```
ERROR: Too many open files: pid=aa...aa myport=bb...bb
```

There are too few file descriptors for the socket used for the inter-process communication to the system server and the user server.

aa...aa: Process ID in which occurred insufficient sockets.

bb...bb: Receiving port number (listen port number) for the process for which socket descriptors were insufficient

S: Outputs *abort code* r320002 of the *KFCA00105-E* message and abnormally terminates the process.

O: Check if max_socket_descriptors and max_open_fds are correctly defined in the system operation environment. Correct these definitions if necessary, then restart the process. If the system is inactive, restart the system.

KFCA00320-E (C+E)

```
incorrect specification of my_host in system common definition.
host=aa...aa
```

The host name specified using my_host in the system common definition cannot be mapped with an IP address in the /etc/hosts file or using DNS, or the start processing of the inter-process communication using the specified host name failed.

aa...aa: Specified host name

S: Abnormally terminates dc_rpc_open, issued by the displayed UAP.

O: Check the specification of my_host in the system common definition.

There are also the following two possible reasons for this message. If either applies, take a necessary action.

- Since the user does not have the access permission for the /etc/hosts file, the gethostbyname system call cannot reference the /etc/hosts file.

  Check the access permission for the /etc/hosts file.

- The host name cannot be mapped with an IP address using DNS.

  Check the setting of DNS.

KFCA00322-E (E)

```
error occurred while analyzing dcbindht system common
definition. definition file=aa...aa, line=bb...bb, reason=cc...cc
```

aa...aa: Name of the definition file with the analysis error

bb...bb: Line with the analysis error

cc...cc: Indicates the cause of the error.

　　memory shortage: Insufficient memory (in the process-specific area).

　　invalid argument: Invalid argument in the dcbindht definition command.

S: Stops analyzing the definition with the error.

O: Correct the definition command of the dcbindht system common definition, then restart the system.

Countermeasure: For insufficient memory, increase memory to enlarge the swap area. Then, restart the system.

KFCA00323-E (E)

```
dcbindht system common definition specifies undefined host name.
definition file=aa...aa, line=bb...bb, reason=cc...cc
```

aa...aa: Name of the definition file with the error

bb...bb: Line with the error

cc...cc: Name of the host with the error

S: Stops analyzing the definition with the error.

O: Check that the host name specified in the dcbindht definition command in the system common definition is defined in the /etc/hosts file or the host name can be mapped with an IP address using DNS. Correct the error and restart the system.

KFCA00324-E (E)

```
dcbindht system common definition specifies undefined network
name. definition file=aa...aa, line=bb...bb, network name=cc...cc
```

aa...aa: Name of the definition file with the error

bb...bb: Line with the error

cc...cc: Name of the network with the error

S: Stops analyzing the definition with the error.

O: Check that the network name specified in the dcbindht definition command in the system common definition is defined in the /etc/networks file or the network name can be mapped with a network number using NIS. Correct the error and restart the system.

KFCA00325-E (S)

```
reply buffer damaged. server=aa...aa, pid=bbbbbb
```

The area storing a response message has been destroyed. This occurred because the response message that is set in the service function (in C) or service program (in COBOL) exceeds the length of the response passed from the source of the service call (`dc_rpc_call`).

aa...aa: Server name (up to 8 alphanumeric characters)

bbbbbb: Process ID

S: Stops processing and terminates the process abnormally.

O: UAP has an error. Check if the response message that is set in the service function has exceeded the response buffer that is reserved by the service request side.

KFCA00326-W

```
reply of nowait rpc is canceled to commit or rollback. canceled
reply=aa...aa, server=bb...bb, pid=cc...cc
```

The asynchronous RPC response before the commitment or rollback has been discarded because the transaction's commitment or rollback processing occurred. From now on, it is impossible to receive any asynchronous RPC response before the commitment or rollback.

aa...aa: Number of asynchronous RPC responses that have been discarded

bb...bb: Server name (up to 8 alphanumeric characters)

cc....cc: Process ID

S: Continues processing.

KFCA00327-W (E)

```
remote procedure call error occurred. error info=aaaa.
server=bb...bb, pid=cc...cc, service group=dd...dd, service=ee...ee,
maintenance info=ff....ff(gggggg)
```

aaaa: Return value of RPC service request

For a program for creating COBOL-UAPs, a negative value converted from the status code returned by OpenTP1 is displayed.

bb...bb: Server name (up to 8 alphanumeric characters) with the error

If the name cannot be indicated, `********` is displayed.

cc....cc: Process ID of the above process

dd...dd: Service group name (up to 31 alphanumeric characters) that is called out by RPC

ee...ee: Service name (up to 31 alphanumeric characters) that is called out by RPC

ff....ff: Maintenance information (up to 31 alphanumeric characters)

gggggg: Maintenance information

S: Stops processing and returns to the source of the RPC service call.

O: Check the cause for it from the return value of the RPC service request that is shown in this message. If the cause cannot be identified, record the information that is shown in this message and contact the OpenTP1 administrator. For examples of errors in which a message is output and the procedure for finding the reason they occurred, see the manual *OpenTP1 Operation*.

    KFCA00327-W message output when the RAP-processing listener is started

        If an RPC error occurs, the RAP-processing listener retries processing. Therefore, there is no problem if the KFCA00327-W message is output when the RAP-processing listener executes a service function for the rap server (when the RAP-processing listener is started).

Countermeasure: Contact the maintenance personnel.

KFCA00328-W (E)

```
reply send error occurred at server(aa...aa). pid=bb...bb, port=ccccc,
remote node addr=dd...dd, remote port=eeeee, maintenance info=ffffff
```

aa...aa: Server name (up to 8 alphanumeric characters) of the process with the error

bb...bb: Process ID of the process with the error

ccccc: Receiving port number (listen port number) of the process with the error

dd...dd: IP address (up to 15 characters) in dot (.) format for the destination process

eeeee: Receiving port number (listen port number) of the destination process

ffffff: Maintenance information

S: Continues processing.

O: Check if the process of the source of the service request has terminated. If so, examine the cause for it. If not, obtain a server core, store the file of the core and the file under $DCDIR/spool, and contact the OpenTP1 administrator. For examples of errors in which a message is output and the procedure for the reason they occurred, see the manual *OpenTP1 Operation*.

Countermeasure: Contact the maintenance personnel.

KFCA00329-E (E)

```
cannot continue rpc service because error occurred.
server=aa...aa, pid=bb...bb, port=ccccc, maintenance info=dd...dd(eeeee)
```

aa...aa: Server name (up to 8 alphanumeric characters) of the process with the error

bb...bb: Process ID of the process with the error

ccccc: Receiving port number (listen port number) of the process with the error

dd...dd: Maintenance information (up to 64 alphanumeric characters)

eeeee: Maintenance information

S: Discontinues processing and abnormal ends the process.

O: If UAP has terminated abnormally, store the core file and the file under $DCDIR/spool and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA00330-E (E)

```
cannot continue rpc service because error occurred at
communication layer. pid=aaaaaa, port=bbbbbb, maintenance
info=cc....cc(dd....dd), ee....ee(ffff)
```

aaaaaa: Process ID of the process with the error

bbbbbb: Receiving port number (listen port number) of the process with the error

cc...cc: Maintenance information (up to 31 alphanumeric characters)

dd...dd: Maintenance information

ee...ee: System call name (up to 31 alphanumeric characters) with the error

　　If the name cannot be indicated, ****** is displayed.

ffff: Error value of the system call with the error

　　A value of 0 is displayed if there is no system call error.

S: Abnormally ends the error-affected process.

O: Examine the cause for it from the system call name and error value. Record the information shown in this message, store the core file of the affected process and the file under $DCDIR/spool, and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA00331-W (E)

```
send error occurred at communication layer. pid=aaaaaa,
port=bbbbbb(sport=cccccc), remote node addr=dd...dd, remote
port=eeeee(dport=ffffff), maintenance info=gg....gg(hhhh),ii....ii(jjjj)
```

aaaaaa: Process ID of the process with the error

bbbbbb: Receiving port number (listen port number) of the process with the error

cccccc: Sending port number (real port number[#]) of the process with the error

    A value of `0` is displayed in the following cases:

- Communication is performed on the local node (UNIX domain communication).

- The sending port number (real port number[#]) cannot be obtained.

dd....dd: IP address, in dot (`.`) format, for the destination process (up to 15 characters)

eeeee: Receiving port number (listen port number) of the destination process

ffffff: Receiving port number (real port number[#]) of the destination process

    A value of `0` is displayed in the following cases:

- Communication is performed on the local node (UNIX domain communication).

- The receiving port number (real port number[#]) cannot be obtained.

gg....gg: Maintenance information (character string of up to 31 bytes)

hhhh: Maintenance information

ii....ii: System call name with the error (character string of up to 31 bytes)

    If the name cannot be displayed, `"*******"` is displayed.

jjjj: `errno` value of the system call with the error

    A value of `0` is displayed if there is no system call error.

\#

A real port number refers to the port number that is actually used for sending and receiving data. For send processing, OpenTP1 establishes a connection for the listen port number of the destination process. OpenTP1 does not disconnect the established connection and re-uses it for the same inter-process communication. As a result, the port number actually used for connection might be different from the listen port number of the destination process depending on whether there is an established connection and the direction of the established connection.

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As with the case of sending, the receiving port number might also be different from the listen port number of the local process depending on whether there is an established connection.

S: Either returns to the source of the RPC service call or continues the processing.

O: If the output of this message causes, UAP processing to fail examine the cause using the system call name and error value.

If the cause is unidentifiable, store the file under $DCDIR/spool of the host where this message appeared and of the host that is shown in this message and the file under $DCDIR/spool/save, and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA00332-W (E)

```
error occurred at rpc start process. error info=aaaa,
server=bb...bb, pid=cc...cc, maintenance info=dd...dd(eeeee)
```

An error occurred in the dc_rpc_open or dc_rpc_mainloop function.

aaaa: Return value of the RPC function

For a program for creating COBOL-UAPs, a negative value converted from the status code returned by OpenTP1 is displayed.

bb...bb: Server name (up to 8 alphanumeric characters) with the error

If the name cannot be indicated, ******** is shown.

cc...cc: Process ID of the above process

dd...dd: Maintenance information (up to 64 alphanumeric characters)

eeeee: Maintenance information

S: Stops processing and returns to the source of the RPC service call.

O: Examine the cause for it from the return value of the RPC service request where this message is shown. If the cause is unidentifiable, record the information shown in this message and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA00336-W (E)

```
incorrect specification of rpc_port_base definition.
```

The sum of the values of the rpc_port_base operand of the system common definition and the prc_process_count operand of the process service definition, plus 128 exceeds the limit of the operating system.

S: Continues processing, using the port number assigned by the operating system.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify the rpc_port_base operand of the system common definition so that the sum of the values of it, the prc_process_count operand of the process service definition, and 128 does not exceed 65,535. Then, restart OpenTP1.

KFCA00338-E (E)

```
cannot assign port number. port number=aa...aa, server=bb...bb,
pid=cc...cc, type=dd...dd
```

An attempt was made to assign the port number specified in the operand for defining the OpenTP1 well-known port to a process, but the bind system call returned error with EADDRINUSE because the port number was already assigned to another process.

aa...aa: Port number attempted to be assigned

bb...bb: Server name (up to 8 alphanumeric characters)

cc...cc: Process ID

dd...dd: Type code. Always 1.

S: The `dc_rpc_open` function returns an error if the UAP contains the error. Stops OpenTP1 if the system server contains the error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that the operand for defining the OpenTP1 well-known port specifies the port number that is already in use.

The probable reasons are:

- The operand for defining the OpenTP1 well-known port has duplicate port numbers.

- A program other than OpenTP1 is using the port number specified in the operand for defining the OpenTP1 well-known port.

  If duplicate port numbers are specified, change the port number and then restart the user server or OpenTP1.

KFCA00339-W

```
rpc request is canceled to callers rpc timedout. server=aa...aa,
pid=bb...bb, callers node address=cc...cc, callers port=dd...dd,
type=ee...ee, reception time of rpc request=ff....ff, server side
acquisition time=gg....gg, wait time of rpc call source=hh....hh
```

The SPP that used dc_rpc_call to receive a service request detected a timeout at the

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client UAP that requested the service. So SPP canceled this service request because it would be pointless to process the service and make a response.

aa...aa: Server name of the SPP that canceled the RPC request

bb...bb: Process ID of the SPP that canceled the RPC request

cc...cc: IP address in dot (`.`) format for the service caller UAP

dd...dd: Receiving port number (listen port number) of the service caller UAP

ee...ee: Type code, showing either of the following.

> 1: When the SPP accepted a service, the SPP that used dc_rpc_call to receive a service request detected a timeout at the client UAP that requested the service.

> 2: When the SPP executed the service function, the SPP that used dc_rpc_call to receive a service request detected a timeout at the client UAP that requested the service.

ff....ff: Number of seconds from the reception of the RPC request (decimal)

> For the server for which `queue` is specified for the `receive_from` operand in the user service definition, *ff....ff* indicates the time elapsed after the request message was queued. For the server for which `socket` is specified, *ff....ff* indicates the time elapsed after the request message was received.

gg....gg: Number of seconds from the acquisition of the message on the server (decimal)

> For type code 1, *gg....gg* indicates the time elapsed after the request message was taken from the queue. For type code 2, *gg....gg* indicates the time elapsed after the service function was executed.

hh....hh: Wait time of the RPC caller UAP (unit: seconds) (decimal)

S: Continues processing.

KFCA00340-W (E)

```
error occurred while analyzing dcsvgdef user service network
definition. line=aa...aa, reason=bb...bb
```

Specification of the dcsvgdef definition of the user service network definition has an error.

aa...aa: Line number with the analysis error

bb...bb: Error reason code

> 1: The -g, -h or -p option is not specified.

> 2: The -g option of the dcsvgdef definition specifies an invalid service group

name.

3: The -h option of the dcsvgdef definition specifies an invalid host name

4: The -p option of the dcsvgdef definition specifies an invalid port number.

5: Insufficient memory

6: Although more than one host name is specified in the -h option, the -w option is also specified.

7: The specified -t option is invalid if one of the following occurs:

- The -w option is specified.

- Only one host name is specified in the -h option.

This reason code is output only when the dcdefchk command is executed to check the definition.

S: Stops analysis processing of the definition information with the error.

O: Contact the system manager.

Countermeasure: Correct the dcsvgdef definition command of the user service network definition, and then restart the system. If memory was insufficient, correct the cause and then restart the system.

KFCA00344-E (L+E)

```
The user server (server name=aa....aa, service group name=bb....bb)
cannot start normally. The name of the UAP shared library cc....cc
or the entry point name dd....dd, both of which are specified in
the "service" line of the user service definition, is invalid.
(cause=ee....ee, maintenance information=ff....ff)
```

aa....aa: Server name (up to 8 alphanumeric characters)

bb....bb: Service group name (up to 31 alphanumeric characters)

cc....cc: UAP shared library name that caused the error (pass name of up to 255 characters)

If the cause of the error is MEMORY, ******** is displayed.

dd....dd: Entry point name that caused the error (up to 31 alphanumeric characters)

If the cause of the error is MEMORY, ******** is displayed.

ee....ee: Cause of the error

MEMORY: Memory was insufficient.

ENVIRONMENT VARIABLE: The environment variable name specified for the

UAP shared library name is invalid.

LIBRARY: An attempt to read the specified UAP shared library has failed.

ENTRY POINT: An attempt to acquire the specified entry point has failed.

ff....ff: Maintenance information

S: Causes dc_rpc_mainloop issued by the indicated server to return an error.

O: Take action according to the cause of the error.

MEMORY: Insufficient memory. Correct the problem and then restart the user server.

ENVIRONMENT VARIABLE: Invalid environment variable name specified for the UAP shared library name. Check and correct the environment variable name.

LIBRARY: Make sure that the specified UAP shared library name is correct. Alternatively, make sure that the UAP shared library has been created correctly.

ENTRY POINT: Make sure that the specified entry point name is correct. Alternatively, make sure that the UAP shared library has been created correctly.

KFCA00350-I (S)

usage: rpcmrg RPC trace file name [RPC trace file name]

Indicates the rpcmrg specification format. This message is output when the specification format is incorrect.

S: Does not process the command.

O: Reenter the command, specifying the command format correctly.

KFCA00351-E (E)

unsupported RPC trace file version. file=*aa...aa*

aa...aa: File name

S: Does not process the command.

O: Check whether the RPC trace file is of a version which can be processed by the command. If not, use a command which supports execution of that version.

KFCA00352-E (E)

invalid RPC trace file. file=*aa...aa*

A file other than an RPC trace file is specified. Or, the RPC trace file contains invalid data.

aa...aa: File name

S: Does not process the command.

O: Check whether the specified file is an RPC trace file. If it is, contact the OpenTP1 administrator.

Countermeasure: Check the RPC trace file.

KFCA00353-I

```
continue service without real time monitoring for error
occurred. server=aa...aa, pid=bbbbb, maintenance info=cc...cc(dddd)
```

aa...aa: Server name (up to 8 alphanumeric characters) for the process that caused an error.

bbbbb: Process ID that caused an error.

cc...cc: Maintenance information (up to 31 numerics)

dddd: Maintenance information

S: Continues processing.

O: Check if the tim_watch_count operand for the timer service definition is correctly defined in the system operation environment. Correct the operand if necessary, then restart OpenTP1.

KFCA00354-I (S)

```
usage: rpcstat [-h]
```

Indicates the rpcstat specification format. This message is output if the command specification format is incorrect.

KFCA00355-E (E)

```
command error occurred. reason code=aa...aa, maintenance
info=bb...bb
```

aa...aa

MEMORY: Memory is insufficient.

ENVIRONMENT: Environmental variable DCDIR is not set; or, OpenTP1 has not been activated.

SHM_ATTACH: Shared memory cannot be referred to.

INCONSISTENCY: Internal contradiction occurred.

bb...bb: Maintenance information

S: Stops the command processing.

Countermeasure: Take countermeasures according to the cause of the error.

MEMORY: Check the actual memory size and swap memory size in the operating system.

ENVIRONMENT: Reenter the command once the environment has been set up.

SHM_ATTACH: Restart OpenTP1; or, examine the cause from the contents of the *KFCA00107-E* message output immediately before this message.

INCONSISTENCY: Contact maintenance personnel.

KFCA00356-W

```
schedule service cannot accept any service requirements.
```

During schedule queue registration, threads are used to register the service requests in the schedule queue in parallel. However, the scheduler service could not accept service requests because there were too few threads available for schedule queue registration.

This message is output depending on the value of `rpc_server_busy_count` in the system common definition.

S: Continues processing.

O: Review the number of services requested from the schedule service. Alternatively, use the multi-scheduler facility.

KFCA00370-W

```
(aa....aa: bb....bb) make sure the specified value for the cc....cc: dd....dd
operand is correct. if the value is correct (matches the value
calculated by using the estimation formula shown in the manual),
ignore this message
```

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

S: Continues processing.

O: If the value specified in the operand has been calculated without using the formula or if the operand is not specified, calculate the value according to the formula and then, if necessary, change the specified value.

KFCA00371-W

(*aa....aa*: *bb....bb*) specify the items as follow: (calculation format=*cc....cc*, value for *dd....dd*: *ee....ee*=*ff....ff*, value for *gg....gg*: *hh....hh=ii....ii*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Expression

> For the operands indicated by *ee....ee* and *hh....hh*, specify values that satisfy the expression.

dd....dd: Name of the definition file in which the problem was detected

ee....ee: Name of the operand in which the problem was detected

ff....ff: Value specified in the operand indicated by *ee....ee*

gg....gg: Name of the definition file in which the problem was detected

hh....hh Name of the operand in which the problem was detected

ii....ii: Value specified in the operand indicated by *hh....hh*

S: Continues processing.

O: Check and change the values of the operands indicated in the message so that the values satisfy the expression.

KFCA00372-W

(*aa....aa*: *bb....bb*) do not specify a loopback address or a host name that will be converted into a loopback address for the *cc....cc*: *dd....dd* operand. (specified value=*ee....ee*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Value specified in the operand indicated by *dd....dd*

S: Continues processing.

O: Check the specified value and change it to a value other than the loopback address.

KFCA00373-W

(*aa....aa*: *bb....bb*) the value specified for the *cc....cc*: *dd....dd* operand is invalid as a subnet mask value.(specified value=*ee....ee*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Value specified in the operand indicated by *dd....dd*

S: Continues processing.

O: Check the specified value and change it to a correct subnet value.

KFCA00374-W

(*aa....aa*: *bb....bb*) if the *cc....cc*: *dd....dd* operand is used, the *ee....ee* operand might need to be specified.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Name of the required operand

S: Continues processing.

O: The following table shows whether the operand indicated by *ee....ee* needs to be specified. You must specify the operand if it is required.

Operand name	Condition	Specification required
`rpc_netmask`	A subnet mask is specified in the TCP/IP network definition file.	Yes
	A subnet mask is not specified in the TCP/IP network definition file.	No

KFCA00375-W

(*aa....aa*: *bb....bb*) if *ee....ee* is specified for the *cc....cc*: *dd....dd* operand, the *ff....ff*: *gg....gg* operand must be specified.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Value specified in the operand indicated by *dd....dd*

ff....ff: Name of the definition file in which *gg....gg* is specified

gg....gg: Name of the required operand

S: Continues processing.

O: Specify the required operand.

KFCA00376-W

(*aa....aa*: *bb....bb*) if *ee....ee* is specified for the *cc....cc*: *dd....dd* operand, the default value will be used. (default value=*ff....ff*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

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bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Value specified in the operand indicated by *dd....dd*

ff....ff: The assumed value for the operand indicated by *dd....dd*

S: Continues processing.

KFCA00377-W

(*aa....aa*: *bb....bb*) the host name specified for the *cc....cc*: *dd....dd* operand cannot be mapped to an IP address. (host name=*ee....ee*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Specified host name

> When the operand indicated by *dd....dd* uses a name obtained by the hostname command (without an operand specified) as a host name, the host name obtained by the hostname command is output. If the hostname command cannot obtain a host name, ******** is output.

S: Continues processing.

O: Check the specified host name. If any one of the following applies, take appropriate action:

- The host name cannot be mapped to an IP address in the host file or DNS.

  Check the settings in the host file and DNS.

- You cannot view the hosts file because you do not have the access authority for the file.

  Check the access authority for the hosts file.

- ******** is output for the host name.

  Make sure that the host name has been set in the system.

KFCA00378-W (E)

(*aa....aa*: *bb....bb*) Make sure that the UAP shared library name (*ee....ee*) and entry point name (*ff....ff*) specified in the *cc....cc*: *dd....dd* operand are correct. If there is no problem, ignore this message.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: Specified UAP shared library name (pass name of up to 255 characters)

ff....ff: Specified entry point name (up to 31 alphanumeric characters)

S: Continues processing.

O: Check and, if necessary, correct the definition displayed in the message.

KFCA00398-E

ERROR: node=*aa...aa*, port=*bb...bb*, family=*cc...cc*, mynode=*dd...dd*, myport=*ee...ee*

aa...aa: Destination IP address

bb...bb: Destination receiving port number (listen port number)

cc...cc: Destination address family

dd...dd: IP address of local host

ee...ee: Receiving port number (listen port number) of the local process

S: Outputs the r230095 *abort code* and terminates the process abnormally.

O: Save the core file and contact the OpenTP1 administrator.

Countermeasure: Check if the memory is damaged. If the memory is not damaged, save the core file and contact the OpenTP1 administrator.

KFCA00399-E

Invalid network address. remote node addr=*aa...aa*, remote port number=*bb...bb*, address family=*cc...cc*, local node addr=*dd...dd*, local process port number=*ee..ee*

aa...aa: Destination IP address

bb...bb: Destination receiving port number (listen port number)

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cc...cc: Destination address family

dd...dd: IP address of local host

ee...ee: Receiving port number (listen port number) of the local process

S: Outputs the r230095 *abort code* and terminates the process abnormally.

O: Save the core file and contact the OpenTP1 administrator.

Countermeasure: Check if the memory is damaged. If the memory is not damaged, save the core file and contact the OpenTP1 administrator.

KFCA00400-I

```
now preparing for lock service.
```

KFCA00402-I

```
lock service started.
```

Start or restart processing of lock service has been completed.

KFCA00403-E (L+E)

```
cannot start lock service. reason code=aa...aa
```

An error occurred during start or restart processing of lock service.

aa...aa: Reason code that indicates the contents of the error (up to 10 numerals)

The reason codes and countermeasures are listed below.

S: Terminates OpenTP1 abnormally.

Countermeasure: Take action according to the reason code and then restart the service.

Reason code	Meaning	Countermeasure
10	Error in start processing for definition analysis	Take action according to the previously output error message if any.
20	Communication error	
30	Area shortage	Make sure that the OS has sufficient memory resources, and then release unnecessary resources.
40	Shared memory shortage	Check the size of the shared memory pool in the system environment definition.
50	Status file access error	Take action according to the previously output error message if any.

Reason code	Meaning	Countermeasure
60	No deadlock information output directory	Create $DCDIR/spool/dclckinf directory.

KFCA00410-I

```
now terminating lock service.
```

KFCA00411-I

```
lock service terminated.
```

KFCA00412-E

```
error occurred while terminating lock service; continues
processing. reason code=aa...aa
```

aa...aa: Reason code that indicates the contents of the error (up to 10 numerals)

The reason code and countermeasure are listed below.

S: Continues processing.

Countermeasure: Take action according to the error code.

Reason code	Meaning	Countermeasure
20	Communication error	Take action according to the previously output error message if any.
30	Area shortage	Make sure that the OS has sufficient memory resources, and then release unnecessary resources.

KFCA00420-E (L+E)

```
error occurred while analyzing definitions for lock service.
```

S: Terminates OpenTP1 abnormally.

Countermeasure: Check the definitions for lock service and then restart analysis.

KFCA00421-W (E)

```
(aa....aa: bb....bb) If the total value of lck_limit_foruser,
lck_limit_fordam, lck_limit_fortam, and lck_limit_formqa is 0,
```

```
the other operands specified in the lock service definition do
not take effect.
```

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

S: Does not perform the logic check for the operands specified in the lock service definition file, but continues the logic check for other files.

Countermeasure: To use the lock service, see the description of the following operands and specify the appropriate values. If you do not want to use the lock service, ignore this message:

- `lck_limit_foruser` operand
- `lck_limit_fordam` operand
- `lck_limit_fortam` operand
- `lck_limit_formqa` operand

KFCA00422-W (E)

(*aa....aa*: *bb....bb*) `If the total value of lck_limit_foruser,`
`lck_limit_fordam, lck_limit_fortam, and lck_limit_formqa is 0,`
`the value specified for` *cc....cc*: *dd....dd* (*ee....ee*) `does not take`
`effect.`

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: Value specified in the operand to be checked

S: Continues processing.

Countermeasure: To use the lock service, see the description of the following operands and specify the appropriate values. If you do not want to use the lock service, ignore this message:

- `lck_limit_foruser` operand

- `lck_limit_fordam` operand

- `lck_limit_fortam` operand

- `lck_limit_formqa` operand

KFCA00423-W (E)

(aa....aa:bb....bb) `The value specified for` *cc....cc:dd....dd* `is less than the default value`*(ee....ee)*`. Depending on the number of transactions to be executed, files might overlap within a short period of time, so make sure you revise this value as necessary.`

For details about message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: Default specified in the operand being checked

S: Continues processing.

Countermeasure: Re-specify the operand being checked, and correct it if necessary.

KFCA00430-E (E)

`cannot execute` *aa...aa* `command. reason code=`*bb...bb*

The command was canceled because execution was impossible due to a parameter specification error or an error during execution.

aa...aa: Command name

bb...bb: Reason code that indicates the contents of the error (up to 10 numerals)

The reason codes and countermeasures are listed below.

S: Cancels and terminates the command.

Countermeasure: Take action according to the reason code and then reenter the command.

Reason code	Meaning	Countermeasure
10	Communication error	Take action according to the previously output error message if any.

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Reason code	Meaning	Countermeasure
30	Area shortage	Make sure that the OS has sufficient memory resources, and then release unnecessary resources.
40	Inconsistent version	Check the version of each OpenTP1 library.
50	Name server daemon not started	Check if name server daemon is active.
70	Lock allocation error	Reenter the command. If the error recurs, contact the maintenance personnel.
80	dclckinf does not exist under $DCDIR/spool.	Use the dcsetup command to create the dclckinf directory under $DCDIR/spool.

KFCA00431-I (E+S)

```
usage: lckls {[-a][server name] | [-r resource name]}
```

The usage of the lckls command (display of information for exclusive control) is displayed. This message is output when -h is specified for a command option or when a command option or argument is used incorrectly.

S: Stops command processing if the usage of the command is incorrect.

O: If the usage of the command is incorrect, reenter the command with the correct usage.

KFCA00432-I (E+S)

```
usage: lckpool
```

The usage of the lckpool command (display of the pool information in the table for exclusive control) is displayed. This message is output when -h is specified for a command option or when a command option or argument is used incorrectly.

S: Stops command processing if the usage of the command is incorrect.

O: If the usage of the command is incorrect, reenter the command with the correct usage.

KFCA00433-E (E)

```
command execution mode has not been set up for lock service;
cannot execute aa...aa command.
```

The command cannot be executed because lock service is inactive or being terminated.

aa...aa: Command name

S: Stops command processing.

O: After the system has started, reenter the command.

KFCA00434-E (E)

```
invalid command version; cannot execute aa...aa command.
```

aa...aa: Command name

S: Stops command processing.

Countermeasure: Check if the command is provided by OpenTP1 in current use, take corrective action and then reenter the command.

KFCA00439-I

```
usage: lckrminf -d day count
```

The usage of the lckrminf command (deletion of the deadlock information file and timeout information file) is displayed. This message is output when -h is specified for a command option or when a command option or argument is used incorrectly.

S: Stops command processing.

O: Reenter the command correctly.

KFCA00440-I

```
deadlock occurred. server=aa...aa
```

Deadlock occurred during exclusive processing.

aa...aa: Server where deadlock occurred

KFCA00441-I

```
deadlock info was output to aa...aa file.
```

aa...aa: Deadlock information file (up to 14 alphanumerics)

Countermeasure: Examine the deadlock information output to the $DCDIR/spool/ dclckinf directory. Then, if necessary, remove the cause of the deadlock. Delete the deadlock information whose examination has been finished or that does not need to be examined.

KFCA00442-E (L+E)

```
cannot output deadlock info. reason code=aa...aa
```

aa...aa: Reason code that indicates the contents of the error (up to 10 numerals)

The reason codes and countermeasures are listed below.

S: Continues processing.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Countermeasure
10	Failure in obtaining the value of environmental variable DCDIR	Check if a value is set for DCDIR.
20	Failure in opening a file	Check if the $DCDIR/spool/dclckinf directory is present. Check the number of files for excess. If there are an excessive number of files, delete unnecessary files.
30	Error during a write to a file	Check the number of files for excess. If there are an excessive number of files, delete unnecessary files. Check the amount of disk space in the $DCDIR/spool directory.
40	Failure in obtaining the time	If the error occurs repeatedly, contact maintenance personnel.
50	Area shortage	Make sure that the OS has sufficient memory resources, and then release unnecessary resources.

KFCA00450-I (L+E)

```
waiting time for exclusive control release is out. server=aa...aa
```

aa...aa: Server where timeout occurred

KFCA00451-I (L+E)

```
timeout info was output to aa...aa file.
```

aa...aa: Timeout information file (up to 14 alphanumerics)

Countermeasure: Examine the timeout information output to the $DCDIR/spool/dclckinf directory. Then, if necessary, remove the cause of the timeout. Delete the timeout information whose examination has been finished or that does not need to be examined.

KFCA00452-E (L+E)

```
cannot output timeout info. reason code=aa...aa
```

aa...aa: Reason code that indicates the contents of the error (up to 10 numerals)

The reason codes and countermeasures are listed below.

S: Continues processing.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Countermeasure
10	Failure in obtaining the value of environmental variable DCDIR	Check if a value is set for DCDIR.
20	Failure in opening a file	Check if the `$DCDIR/spool/dclckinf` directory is present. Check the number of files. If there are an excessive number of files, delete unnecessary files.
30	Error during a write to a file	Check the number of files. If there are an excessive number of files, delete unnecessary files. Check the amount of disk space in the `$DCDIR/spool` directory.
40	Failure in obtaining the time	If the error occurs repeatedly, contact maintenance personnel.
50	Area shortage	Make sure that the OS has sufficient memory resources, and then release unnecessary resources.

KFCA00460-E (L+E)

```
insufficient memory. size=aa...aa bytes, area type: bb...bb
```

aa...aa: Size that should have been allocated (up to 10 numerals)

bb...bb: Type of the area with insufficient memory (up to 15 alphanumerics)

STATIC_SHMPOOL: Static shared memory area

DYNAMIC_SHMPOOL: Dynamic shared memory area

PROCESS: Process area

S: Continues processing.

Countermeasure: If a shared memory area is to be allocated, check the value specified in the appropriate definition and take corrective action. If a process area is to be allocated, check the number of processes and take corrective action. If the error recurs,

contact maintenance personnel.

KFCA00470-E (L+E)

```
invalid lock service library version
```

S: Stops processing.

Countermeasure: Check the versions of the lock service library and lock service daemon and then re-create the user server using the library provided by OpenTP1 in current use. If the error recurs, contact maintenance personnel.

KFCA00502-I

```
timeout occurred during real time monitoring at server aa...aa
(pid=bbbbb). type=c
```

aa...aa: Name of the server where the timeout occurred. (Up to eight alphanumerics)

    If the server shuts down before timeout, `********` will be displayed.

bbbbb: Process ID to which the signal should be sent.

c: Type code

    The table below shows the meaning of type codes and processing of the system.

S: For forced termination, sends the SIGQUIT and SIGKILL signals to the process of the indicated process ID (*bbbbb*) (specified signal number when the `prc_abort_signal` operand is specified in the user service definition).

Type code	Meaning	Processing of the system
1	Monitoring of the transaction processing time of SPP, SUP, and MHP. This is specified in the `trn_expiration_time` operand in the user service definition, user service default definition, RAP-processing listener service definition, client service definition, or transaction service definition.	Forced termination
2	Monitoring of the time limits for a non-transaction MHP (MHP service program execution time). This is specified in the `-v` option of the `mcfaalcap` definition command in the MCF application definition, or in the `ntmetim` operand of the `-u` option of the `mcfmuap` definition command in the MCF manager definition.	
3	Monitoring of the service function execution time. This is specified in the `service_expiration_time` operand in the user service definition or user service default definition.	

Type code	Meaning	Processing of the system
4	Monitoring of the time limits for completion of a transaction. This is specified in the `trn_completion_limit_time` operand in the user service definition, user service default definition, RAP-processing listener service definition, client service definition, or transaction service definition.	

O: For examples of errors in which a message is output and the procedure for finding the reason they occurred, see the manual *OpenTP1 Operation*.

KFCA00505-I (E)

CPU time monitoring timeout occurred on server *aa...aa* (pid=*bbbbb*).
type=*c*

aa...aa: Name of the server where the timeout occurred. (Up to eight alphanumeric characters)

If the server cannot be identified from the process ID, `********` is displayed.

bbbbb: Process ID of server where the timeout occurred.

c: Type code

The table below lists the meanings of the type codes and processing of the system.

S: Reports, to the process which requested CPU time monitoring, that the monitoring time has expired. After reporting the expiration of the monitoring time, the system terminates the process for which the CPU monitoring time has expired. If the system server is forcibly terminated, the server is restarted. Depending on the status of the system or process, the system might normally terminate the process for which the monitoring time has expired, rather than forcibly terminating the process. In this case, the function registered for `at_exit()` or `on_exit()` is not called because the process is terminated by `_exit()`.

Type code	Meaning	System processing
1	Monitoring of the transaction processing time of the SPP, SUP, and MHP. This is specified in the `trn_cpu_time` operand in the user service definition, user service default definition, RAP-processing listener service definition, client service definition, or transaction service definition.	Forced termination

KFCA00506-E (L+E)

error occurred while terminating server. *aa...aa* (pid=*bbbbb*).
reason: *cc...cc*

aa...aa: Name of the server where the error occurred (up to 8 alphanumeric characters)

If the server name cannot be identified from the process ID, ******** is displayed.

bbbbb: Process ID of the server where the error occurred.

cc...cc: Reason code

CRITICAL: Holds forced termination due to a critical condition.

S: Continues OpenTP1 processing.

O: Check whether any server has not terminated. If so, enter dcsvstop -df. If the server still does not terminate, use the dcstop -f command to forcibly terminate the system.

KFCA00601-I (E)

```
shared memory aa...aa found insufficient while executing name
service; another bb...bb bytes required.
```

aa...aa: Definition variable which specifies the entire size of the insufficient shared memory

bb...bb: Required size in bytes

S: Aborts the service required for name service. If OpenTP1 startup processing is in progress, it will be canceled.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the estimation of the shared memory and change the specified definition variable on the display.

KFCA00602-W (E)

```
error occurred during name service for TP1/Client. reason
code=aa...aa, maintenance info=bb...bb
```

The name service is disabled for the client function (TP1/Client/W and TP1/Client/P) for which the DCHOST client environment definition has not been specified.

aa...aa: Reason code

bb...bb: Maintenance information

S: Continues a normal name service. The name service for the client function cannot be used anymore.

O: Contact the OpenTP1 administrator.

Countermeasure: Record the reason code and maintenance information and contact the maintenance personnel.

KFCA00603-W (E)

A node *(aa....aa*:*bb....bb)* not specified in the all_node domain definition file is specified in the definition file of the priority selection node (*cc....cc*: line *dd....dd*).

aa....aa: Name of the node specified in definition file of the priority selection node

bb....bb: Port number of the node specified in definition file of the priority selection node

cc....cc: Name of the definition file of the priority selection node that specified the node not specified in the all_node domain definition file

dd....dd: Number of lines with definition errors in the definition file of the priority selection node

S: Enables the values specified in the all_node domain definition file and all_node_ex domain definition file, and then disables the values specified in the definition file of the priority selection node. When OpenTP1 starts, it starts with these settings. When the namchgfl command is executed, the command returns an error. The correctly defined line in the definition file of the priority selection node will be enabled both when OpenTP1 starts and when the namchgfl command is executed.

Countermeasure: Revise the node name and port number in the domain definition file.

KFCA00604-W (E)

definition variable *aa...aa* specifies duplicate node name *bb...bb*. definition file=*cc...cc*

aa...aa: Definition variable name

bb...bb: Node name

cc...cc: Definition file that contains error

{SERVER|CLIENT}

SERVER: $DCCONFPATH/betranrc, or $DCCONFPATH/nam

CLIENT: $HOME/.betran

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition.

KFCA00606-E (E)

```
definition variable aa...aa specifies undefined node name bb...bb.
definition file=cc...cc
```

aa...aa: Definition variable name

bb...bb: Node name

cc...cc: Definition file that contains error

> {SERVER|CLIENT}
>
> SERVER: $DCCONFPATH/betranrc, or $DCCONFPATH/nam
>
> CLIENT: $HOME/.betran

S: Continues analyzing the configuration definition. The name service will not be executed.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition file or /ect/hosts file and retry OpenTP1.

KFCA00607-E (E)

```
definition variable aa...aa specifies incorrect port number bb...bb.
definition file name: cc...cc
```

aa...aa: Definition variable name

bb...bb: Port number

cc...cc: Definition file that contains error

S: Does not start OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Make sure that the value specified for the port number is within the specifiable range and is a numeric value. If the port number is correct, make sure the option specified after the port number is correct. Correct the definition, and then restart OpenTP1.

KFCA00610-I (S+E)

```
usage: namdomainsetup [-d] domain_data_file host_name
```

This message indicates how to use the namdomainsetup command, which registers or deletes domain representative scheduler daemons. It appears when the command option or argument is incorrect or when there is a request to output the help message.

O: Correct the command format and reenter the command.

KFCA00611-E (S+E)

```
command argument is invalid.
```

No command argument has been specified, that there is an incorrect command argument, or that more command arguments than allowed have been specified.

O: Follow the instruction message appearing immediately after this message to correct the command argument. Then reenter the command.

KFCA00612-E (S+E)

```
domain data file is not found. file name=aa...aa
```

There is no corresponding domain data file, or the specified domain data file name is invalid.

aa...aa: User-specified domain data file name

S: Terminates the processing that is underway.

O: Correct the domain data file and reenter the command.

KFCA00613-E (S+E)

```
only superuser can execute this command.
```

Only the superuser is allowed to execute this command.

S: Stops processing that is underway.

O: Contact the OpenTP1 administrator.

Countermeasure: Have the superuser execute this command.

KFCA00614-E (S+E)

```
no more registered.
```

It is impossible to register any more domain representative scheduler daemons.

S: Stops processing that is underway.

O: Contact the OpenTP1 administrator.

Countermeasure: Three domain representative scheduler daemons have already been registered. Delete unnecessary domain representative scheduler daemons, and then re-execute the command.

KFCA00615-I (S+E)

```
usage: namndchg [-l]
```

This message shows the correct usage of the namndchg command (change the domain structure). It appears when the command option includes -h or when the command option or argument is incorrect.

S: Terminates the command processing if the command usage is incorrect.

O: Correct the command usage and reenter the command.

KFCA00616-E (E)

```
number of all_node exceeds the limit.
```

No more nodes can be registered because the number of nodes added after OpenTP1 started has exceeded 64.

S: Terminates the command processing.

O: If you want to have more than 64 nodes, stop OpenTP1 and then restart it.

KFCA00618-E (S+E)

```
specified host name already exists. host name=aa...aa
```

The namdomainsetup command, for registering or deleting domain representative schedule services, was executed to register a domain representative schedule service. However, a service with the same name has already been registered.

aa...aa: Host name of the domain representative scheduler service for which registering was attempted

O: Specify a domain representative scheduler service that has not been registered and execute the command again.

KFCA00619-E (S+E)

```
specified host name is not cataloged. host name=aa...aa
```

The namdomainsetup command, for registering or deleting domain representative schedule services, was executed to delete a domain representative schedule service. However, the service has not been registered.

aa...aa: Host name of the domain representative scheduler service for which deletion was attempted

O: Specify a domain representative scheduler service that has been registered and execute the command again.

KFCA00620-E (E)

```
error occurred while executing aa...aa command. reason code=bb...bb,
maintenance info=cc...cc
```

aa...aa: Name of the command that was executed

bb...bb: Reason code (10 half-width numeric characters) indicating the failure

    0000000001: The process-specific memory cannot be reserved.

        Stop unnecessary processes, if any. If there are no unnecessary processes, memory is insufficient. Take appropriate action, and then re-execute the command.

    0000000002: The definition file has an error.

        Check the definition file.

    0000000003: The shared memory cannot be used.

        Restart OpenTP1.

    0000000009: The process-specific memory cannot be reserved.

        Stop unnecessary processes, if any. If there are no unnecessary processes, memory is insufficient. Take appropriate action, and then re-execute the command.

cc...cc: Maintenance information

S: Discontinues the command processing.

O: Take action according to the reason code list and then re-execute the command. If the information provided by the reason code is not enough, contact the OpenTP1 system administrator. If the list does not contain the reason code shown in the message, contact maintenance personnel.

Countermeasure: Save this message and contact the maintenance personnel.

KFCA00641-I (E+S)

```
usage: namunavl [-g] -n node name[,node name,...]
        namunavl -l
```

This message shows the correct usage of the namunavl command (which forcibly invalidates the start notification information). This message appears if an option or argument is incorrectly specified in the command.

S: Discontinues the command processing.

O: Correct and reenter the command.

KFCA00642-W (E)

```
failed to notify of starting to some OpenTP1.
```

There is a node that was not notified of the start of OpenTP1 when OpenTP1 was started.

S: Continues processing.

O: Execute the namunavl command (which forcibly invalidates the start notification information) with the -l option specified.

Check each node on the list output by this command to see whether OpenTP1 is running normally. If OpenTP1 is running normally on each node, and an error message was output before this message, follow the instructions given in that error message to deal with the problem.

If the cause of the error cannot be found, contact maintenance personnel.

It is also possible that, since OpenTP1 startup notifications are not being properly received by the instances of OpenTP1 running on the nodes listed by the command output, these instances of OpenTP1 are unable to send acknowledgment of the startup notification. If this is the case, you will need to execute the namunavl command on each node listed, using the -n option to specify the names of the nodes on which this message appeared.

KFCA00644-R (S)

```
execute aa...aa command; OK? [ y: Yes n: No ]
```

This message asks the operator whether to execute the specified command.

aa...aa: Name of the specified command.

S: Follows the operator's response (y or n).

y: Executes the command.

n: Does not execute the command.

If neither y nor n is selected, this message reappears to prompt the operator to respond.

O: Select y or n.

KFCA00646-I (E+S)

```
Usage: namalivechk {-l|-c [-t monitoring time interval for connection
establishment]}
```

This message shows how to use the namalivechk command (which checks the

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startup of OpenTP1 and deletes cache).

This message is output if an option or argument of the command is incorrect.

S: Cancels command processing.

O: Reenter the command using the correct format.

KFCA00647-I (E)

A node was registered on the list of RPC-suppressed nodes. Node: *aa...aa*, port: *bb...bb*

This message is output when the `namalivechk` command (checks the startup of OpenTP1 and deletes the cache) is executed and if a non-communicable OpenTP1 node is registered in the RPC suppression list.

aa...aa: OpenTP1 node registered in the RPC suppression list

bb...bb: Name port number of the OpenTP1 node registered in the RPC suppression list

S: Continues processing.

KFCA00650-I (S)

A node was registered on the list of RPC-suppressed nodes. Node: *aa...aa*, port: *bb...bb*

aa...aa: OpenTP1 node registered in the RPC suppression list

bb...bb: Port number of the OpenTP1 node registered in the RPC suppression list

KFCA00651-I (S)

A node was removed from the list of RPC-suppressed nodes. Node: *aa...aa*, port: *bb...bb*

aa...aa: OpenTP1 node removed from the RPC suppression list

bb...bb: Port number of the OpenTP1 node removed from the RPC suppression list

KFCA00652-I (E+S)

Usage: namsvinf {[-b]|[-r] [-w watch-time]}

This message indicates how to use the `namsvinf` command.

KFCA00654-E (E)

```
The number specified for all_node in the definition file aa....aa
is outside the valid range.
```

No more nodes could be registered because the number of nodes specified in the domain definition file containing the `all_node` operand exceeded the area for the value specified in the `all_node_extend_number` operand in the system common definition.

aa....aa: Name of the domain definition file containing the `all_node` operand

S: Cancels command processing.

O: Contact the OpenTP1 system administrator.

Countermeasure: Make sure that the number of nodes specified in the domain definition file containing the `all_node` operand does not exceed the value of the `all_node_extend_number` operand. If you have modified the `all_node_extend_number` operand, stop and then restart OpenTP1.

KFCA00655-E (E)

```
The number specified for all_node_ex in the definition file
aa....aa is outside the valid range.
```

No more nodes could be registered because the number of nodes specified in the domain definition file containing the `all_node_ex` operand exceeded the area for the value specified in the `all_node_ex_extend_number` operand in the system common definition.

aa....aa: Name of the domain definition file containing the `all_node_ex` operand

S: Cancels command processing.

O: Contact the OpenTP1 system administrator.

Countermeasure: Make sure that the number of nodes specified in the domain definition file containing the `all_node_ex` operand does not exceed the value of the `all_node_ex_extend_number` operand. If you have modified the `all_node_ex_extend_number` operand, stop and then restart OpenTP1.

KFCA00656-E (E)

```
The specified node name aa....aa is incorrect. (definition file
name = bb....bb, line = cccc)
```

The node name specified in the domain definition file is incorrect.

aa....aa: Incorrect node name

bb....bb: Name of the definition file in which the incorrect node name was specified. The name of the directory containing the file is also output because the same file name may exist in the definition file containing the `all_node` operand and the definition file containing the `all_node_ex` operand.

cccc: Line number with the error

S: Terminates the processing that is underway.

O: Contact the OpenTP1 system administrator.

Countermeasure: Specify the correct node name, and then retry.

KFCA00657-E (E)

```
The specified port number aa....aa is incorrect. (definition file
name = bb....bb, line = cccc)
```

The port number specified in the domain definition file is incorrect.

aa....aa: Incorrect port number

bb....bb: Name of the definition file in which the incorrect port number was specified. The name of the directory containing the file is also output because the same file name may exist in the definition file containing the `all_node` operand and the definition file containing the `all_node_ex` operand.

cccc: Line number with the error

S: Terminates the processing that is underway.

O: Contact the OpenTP1 system administrator.

Countermeasure: Specify the correct port number, and then retry.

KFCA00658-W (E)

```
Node information (aa....aa: bb....bb) duplicated. (definition file
name = cc....cc, line = dddd)
```

The same node information is defined more than once. This message is output for the second and subsequent nodes specified with the same node information.

aa....aa: Duplicate node information

bb....bb: Duplicate node information

cc....cc: Name of the definition file in which the duplicate node information was specified. The name of the directory containing the file is also output because the same file name may exist in the definition file containing the `all_node` operand and the definition file containing the `all_node_ex` operand.

dddd: Line number with the duplicate node information

S: Continues processing.

O: Contact the OpenTP1 system administrator.

Countermeasure: Correct the node information

KFCA00659-I (S)

The *aa....aa* command has started.

aa....aa: Command name

KFCA00660-I (S)

The *aa....aa* command has started checking whether nodes are active or inactive.

aa....aa: Command name

KFCA00661-I (S)

The *aa....aa* command has completed checking whether nodes are active or inactive. (number of inactive nodes = *bbb*)

aa....aa: Command name

bbb: Number of inactive nodes

KFCA00662-I (S)

The *aa....aa* command has completed changes to the domain configuration.

aa....aa: Command name

KFCA00663-E (E)

Because name_domain_file_use is set to *a*, the *bb....bb* command could not continue.

a: Value specified in the name_domain_file_use operand

bb....bb: Command that could not be executed

When *a* is Y: namndchg command

When *a* is N: namchgfl command

S: Terminates the processing that is underway.

O: Contact the OpenTP1 system administrator.

Countermeasure: Check the value specified in the `name_domain_file_use` operand in the system common definition and the command to be executed. Then, re-execute the command.

KFCA00664-I (E+S)

```
Usage: namchgfl [-n] [-d [-t
```
monitoring-time-interval-for-connection-establishment`]] [-e]`

This message indicates how to use the `namchgfl` command.

KFCA00665-E (E)

```
An error occurred during definition analysis. (reason code =
```
aa....aa`, maintenance info = `*bbb*`)`

aa....aa: Reason code (10 numeric characters)

> `0000000023`: An attempt to access the domain definition file directory has failed.

> `0000000024`: An attempt to read the directory that stores the domain definition file has failed.

> `0000000025`: The domain definition file cannot be opened.

> `0000000026`: An attempt to read the domain definition file has failed.

bbb: Maintenance information (errno value)

> Take action according to the errno value shown in the maintenance information (*bbb*).

> If the reason code is `0000000023`, the path name of the directory that stores the domain definition file might be invalid.

S: Terminates the processing that is underway.

O: Take action based on the information output as maintenance information (*bbb*). If the maintenance information is insufficient, contact the OpenTP1 administrator. If the reason code in the message is not in the reason code list, contact maintenance personnel.

Countermeasure: Save the message, and then contact maintenance personnel.

KFCA00666-E (E)

```
The specified node name aa....aa is undefined. (definition file
name = bb....bb, line = cccc)
```

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aa....aa: Undefined node name

bb....bb: Definition file name

cccc: Line number

S: Terminates the processing that is underway.

O: Contact the OpenTP1 system administrator.

Countermeasure: Correct the domain definition file or the `/etc/hosts` file, and then retry.

KFCA00669-W (E)

```
Directory aa....aa does not exist. Processing will continue as if
operand bb....bb has not been specified.
```

The directory containing the domain definition file does not exist.

aa....aa: Name of the directory containing the domain definition file

bb....bb: `all_node` or `all_node_ex`

S: Continues processing, assuming that the operand indicated in *bb....bb* has not been specified.

O: Contact the OpenTP1 system administrator.

Countermeasure: Check the storage directory for the domain definition file.

KFCA00670-I (S)

```
No nodes have been specified. Processing will proceed assuming
that the OpenTP1 system is configured on the local node only.
```

This message is output when the domain definition file does not exist or when no node has been defined in the domain definition file.

S: Continues processing, assuming that the OpenTP1 system is configured on the local node only.

KFCA00671-I (S)

```
The aa....aa command has completed checking the nodes specified in
the definition file.
```

aa....aa: Command name

KFCA00672-E (E)

The *aa....aa* command terminated abnormally.

aa....aa: Command name

S: Terminates the command abnormally.

O: Contact the OpenTP1 system administrator.

Countermeasure: Check the command argument specification, the contents of the domain definition file, and the running status of the OpenTP1 node. Then, correct the cause of the error.

KFCA00674-I (S)

usage: namblad -a|d node name[: port number][,node name[: port number]...]

This message indicates how to use the namblad command.

KFCA00675-E (E)

The specified node is not specified for all_node.

S: Terminates command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify the correct node name defined in the all_node operand, and then re-execute the command.

KFCA00676-E (E)

The specified node is duplicated.

S: Cancels and terminates the command.

O: The same node is specified more than once. Specify the node correctly, and then re-execute the command.

KFCA00677-W (E)

A message was received from a node whose ID is the same as the local node. (node_id = *aa....aa*, IP address of the source node = *bb....bb*, port number of the source node = *cc....cc*)

aa....aa: Node identifier of the sender node

bb....bb: IP address of the sender node

cc....cc: Port number of the sender node's name service (the value specified in the `name_port` operand in the system common definition)

S: Continues processing.

Countermeasure: Change the node identifier of the node determined from the indicated sender IP address and sender port number or of the local node to a value unique in the OpenTP1 system. If you change the node identifier of a node, you must initialize that node's journal file.

KFCA00686-W (E)

(*aa....aa*:*bb....bb*) A node (*cc....cc*:*dd....dd*) not specified in the all_node
domain definition file is specified in the definition file of
the priority selection node (*ee....ee*: line *ff....ff*).

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the node specified in the definition file of the priority selection node

dd....dd: Port number of the node specified in the definition file of the priority selection node

ee....ee: Name of definition file of the priority selection node that specified the node not specified in the `all_node` domain definition file

ff....ff: Number of lines with definition errors in the definition file of the priority selection node

S: Enables the values specified in the `all_node` domain definition file and `all_node_ex` domain definition file, and then disables the values specified in the definition file of the priority selection node. When OpenTP1 starts, it starts with these settings. When the `namchgfl` command is executed, the command returns an error. The correctly defined line in the definition file of the priority selection node will be enabled both when OpenTP1 starts and when the `namchgfl` command is executed.

Countermeasure: Revise the node name and port number in the domain definition file.

KFCA00687-W (E)

(*aa....aa*: *bb....bb*) The host name or IP address of the local node
cannot be specified for the domain definition file because "Y"
is not specified for the rpc_multi_tp1_in_same_host operand.
(specified value = *cc....cc*, definition file name = *dd....dd*)

The same host name or IP address as that of the local node is specified in the domain definition file. Either check the specification of the domain definition file or specify Y in the `rpc_multi_tp1_in_same_host` operand.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Value specified in the domain definition file

dd....dd: Name of the domain definition file in which the value indicated by *cc....cc* is specified

S: Continues processing.

Countermeasure: Check the specification of the domain definition file, or else specify Y in the `rpc_multi_tp1_in_same_host` operand.

KFCA00688-W (E)

(*aa....aa*: *bb....bb*) For the domain definition file, do not specify the local node. (specified value = *cc....cc*, definition file name = *dd....dd*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Value specified in the domain definition file

dd....dd: Name of the domain definition file in which the value indicated by *cc....cc* is specified

S: Continues processing.

Countermeasure: Delete specification of the local node in the domain definition file indicated by *dd....dd*.

KFCA00689-W (E)

(*aa....aa*: *bb....bb*) For the domain definition file, do not specify a loopback address or a host name that will be converted into a loopback address. (specified value = *cc....cc*, definition file name = *dd....dd*)

Because a loopback address or a host name whose IP address begins with 127 (example: `127.0.0.1`) is specified in the domain definition file, the name service cannot operate correctly.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Value specified in the domain definition file

dd....dd: Name of the domain definition file in which the value indicated by *cc....cc* is specified

S: Continues processing.

Countermeasure: Delete the node specified in the domain definition file indicated by *dd....dd*.

KFCA00690-W (E)

(*aa....aa*: *bb....bb*) The host name or IP address of the local node cannot be specified for the *cc....cc* operand because "Y" is not specified for the rpc_multi_tp1_in_same_host operand. (specified value = *dd....dd*)

The same host name or IP address as that of the local node is specified in the `all_node` or `all_node_ex` operand in the system common definition. Either check the value of the operand shown in the message or specify `Y` in the `rpc_multi_tp1_in_same_host` operand.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the operand in which an invalid value is specified

dd....dd: Value specified in the operand indicated by *cc....cc*

S: Continues processing.

Countermeasure: Check the value of the operand indicated by *cc....cc*, or else specify `Y` in the `rpc_multi_tp1_in_same_host` operand.

KFCA00691-W (E)

(*aa....aa*: *bb....bb*) For the *cc....cc* operand, do not specify the local node. (specified value = *dd....dd*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the operand in which an invalid value is specified

dd....dd: Value specified in the operand indicated by *cc....cc*

S: Continues processing.

Countermeasure: Delete the local node specified in the operand indicated by *cc....cc*.

KFCA00692-W (E)

(*aa....aa*: *bb....bb*) *cc....cc* will be used as the name_port operand because the name_port operand is not specified. Make sure the specified value is correct. If the value is correct, ignore this message.

Because the name_port operand is not specified in the system common definition, the name service assumes the value indicated by *cc....cc* as the name_port operand value. If this value is the same as a port number already being used by another application, OpenTP1 might not be able to start or invalid communication could occur.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Port number used by the name service

S: Continues processing.

Countermeasure: Make sure that there will be no problems if the name service uses the value indicated by *cc....cc* as the port number. If there will no problems, you can ignore this message.

KFCA00693-W (E)

(*aa....aa*: *bb....bb*) Since "Y" is specified for the name_notify operand, make sure that "Y" is also specified for the name_notify operand of the nodes specified by the all_node and all_node_ex operands.

Because Y is specified in the name_notify operand in the system common definition, you must also specify Y in the name_notify operand for all nodes specified in the all_node and all_node_ex operands in the system common definition or specified in the domain definition file.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

S: Continues processing.

Countermeasure: Make sure that Y is specified in the name_notify operand for all nodes specified in the all_node and all_node_ex operands in the system common definition or specified in the domain definition file. If there is no problem, ignore this message.

KFCA00694-W (E)

(*aa....aa*: *bb....bb*) Two or more nodes specified in the all_node operand or all_node_ex operand have the same IP address, so if *dd....dd* is specified for the *cc....cc* operand, the name service will not operate correctly.

Multiple nodes with the same IP address are specified in the all_node or all_node_ex operand in the system common definition or in the domain definition file. The name service cannot operate normally with the value *dd....dd* specified in the operand.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the problematic operand

dd....dd: Value specified in the operand indicated by *cc....cc*

S: Continues processing.

Countermeasure: Check the values specified in the `all_node` and `all_node_ex` operands in the system common definition, or change the value of the operand indicated by *cc....cc*.

KFCA00695-W (E)

(*aa....aa*: *bb....bb*) `"Y" is specified for the name_global_lookup operand, so make sure that "Y" is not specified for the name_global_lookup operand of the node specified by the all_node operand.`

Because `Y` is specified in the `name_global_lookup` operand in the name service definition, you cannot specify `Y` in the `name_global_lookup` operand for any nodes specified in the `all_node` or `all_node_ex` operand in the system common definition or specified in the domain definition file.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

S: Continues processing.

Countermeasure: Make sure that `Y` is not specified in the `name_global_lookup` operand in the name service definition for any nodes specified in the `all_node` or `all_node_ex` operand in the system common definition or specified in the domain definition file. If there is no problem, ignore this message.

KFCA00696-W (E)

(*aa....aa*: *bb....bb*) `More than 128 nodes are specified for the all_node operand, but the 129th and subsequent such nodes might not be included as RPC destinations because "1" is not specified for the name_service_extend operand.`

More than 128 nodes are specified in the `all_node` operand in the system common definition or in the domain definition file for `all_node`. However, unless `1` is specified in the `name_service_extend` operand in the name service definition, the 129th and subsequent nodes might not be used as an RPC destination.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

S: Continues processing.

Countermeasure: Specify 1 in the `name_service_extend` operand in the name service definition. If there are no problems with the current specification, ignore this message.

KFCA00697-W (E)

(*aa....aa*: *bb....bb*) `No value or "0" is specified for the name_audit_conf operand, so if "N" is specified for the name_rpc_control_list operand, the name service will not delete a node from the list of RPC-suppressed nodes until it receives a message from that node.`

If the `name_audit_conf` operand is not specified in the name service definition, or if the value specified for it is 0, do not specify N in the `name_rpc_control_list` operand.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

S: Continues processing.

Countermeasure: Take either of the following actions:

- Either do not specify the `name_rpc_control_list` operand in the name service definition, or else specify Y for it.

- Specify 1 or 2 in the `name_audit_conf` operand in the name service definition.

KFCA00698-W (E)

(*aa....aa*: *bb....bb*) *cc....cc* `is specified for the name_audit_conf operand, and no value or a value less than 181 is specified for the name_audit_interval operand, so we recommend specifying "N" for name_rpc_control_list.`

Either specify 1 or 2 in the `name_audit_conf` operand in the name service definition and then either specify 180 or smaller value in the `name_audit_interval` operand, or else omit this operand. In this case, since the processing uniquely performed by the name service (checking whether the nodes registered in the RPC suppression list are available) is unnecessary, we recommend that you specify N in the

name_rpc_control_list operand.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Value specified in the name_audit_conf operand

S: Continues processing.

Countermeasure: Specify N in the name_rpc_control_list operand in the name service definition.

KFCA00699-W (E)

(*aa....aa*: *bb....bb*) A loopback address or a host name that will be converted into a loopback address cannot be specified for the *cc....cc* operand. (specified value = *dd....dd*)

Because a loopback address or a host name whose IP address begins with 127 (example: 127.0.0.1) is specified in the all_node and all_node_ex operands in the system common definition, the name service cannot operate correctly.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the operand in which an invalid value is specified

dd....dd: Value specified in the operand indicated by *cc....cc*

S: Continues processing.

Countermeasure: Delete the value of the operand indicated by *cc....cc*.

KFCA00700-E (L+C)

error occurred in system call *aa...aa*. return info=*bbb*, function with error: *cc...cc*

aa...aa: System call name

bbb: Return code of the system call

cc...cc: Function name with which an error occurred

S: Continues processing, or terminates OpenTP1 abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Refer to the return code (errno) *bbb* of the system call *aa...aa* to investigate the cause of the error, correct the error, and retry.

KFCA00701-E (C)

```
file system error; cannot continue processing.
```

The system call that operates files terminated abnormally.

S: Shuts down the entire system.

Countermeasure: Contact the maintenance personnel and investigate the cause of the error.

KFCA00703-E (C)

```
insufficient memory. required memory size: aa...aa bytes,
area type: bb...bb
```

aa...aa: Memory size that was failed to be reserved. (Up to ten numerals)

bb...bb: Type of the insufficient memory area (Up to 15 alphanumerics)

STATIC_SHMPOOL: Static shared memory

PROCESS: Process-specific memory

S: Shuts down the entire system.

Countermeasure: If the shared memory area is insufficient, check and correct the specified definition value and retry. If the process-specific memory area is insufficient, check the number of processes and retry. If the error recurs, contact the maintenance personnel to investigate the cause of the error.

KFCA00705-E (C)

```
error found while analyzing definition file.
```

S: Waits for the start command.

O: Correct the definition file and enter the dcstart command.

Countermeasure: Contact the maintenance personnel to investigate the cause of the error.

KFCA00707-E (C)

max number of processes in process service definition is
invalid.

S: Waits for the start command.

O: Check the value of the `prc_process_count` operand of the process service
definition, and then enter the `dcstart` command.

KFCA00708-E (C)

prcsvpath in process service definition is invalid.

S: Continues processing, assuming the default.

O: Correct the definition file and enter the dcstart command.

KFCA00709-E (C)

process monitoring time in process service definition is
invalid.

S: Waits for the start command.

O: Check the value of the `term_watch_time` operand of the process service
definition, and then enter the `dcstart` command.

KFCA00710-E (C)

shared memory unavailable; cannot continue processing.

Shared memory is unavailable to process server daemon or command.

S: Shuts down the entire system. When the shared memory is unavailable to the
command, terminates the command abnormally.

O: When the shared memory is unavailable to the command, enter the dcstart
command.

Countermeasure: Contact the maintenance personnel to investigate the cause of the
error.

KFCA00712-E (C)

program error or hardware failure; cannot continue processing.

S: Shuts down the entire system.

Countermeasure: Contact the maintenance personnel to investigate the cause of the

error.

KFCA00713-E (C)

```
load module bb...bb for server aa...aa is not found.
```

aa...aa: Server name

bb...bb: Load module name

O: Make sure that the path specified for `prcsvpath` in the process service definition or changed by the `prcpath` command contains the load module shown in the message. If the load module is not found, create and store it. Alternatively, correct the load module name in the server definition file.

If the problem recurs, check whether the PATH specification has been changed in putenv of the user service definition or user service default definition. If so, PATH must include the directory in which the load module is located.

KFCA00714-E (C)

```
load module bb...bb for server aa...aa is not executable file.
```

aa...aa: Server name

bb...bb: Load module name

O: Give the load module an execution permission, or correct the load module name in the server definition file.

KFCA00715-E (C)

```
serious error occurred; cannot continue processing (reason
code=aaa). enter dcsetup -d.
```

Since serious error occurred in OpenTP1, processing cannot be continued.

aaa: Reason codes (Up to three numerals)

1: Contents of /etc/inittab is invalid.

2: Insufficient memory

3, 5, 104, 105: Accessing to the status file failed.

4, 13, 101: Opening the status file failed.

6, 102: Writing on a status file failed.

7: The system went down three consecutive times when no value is specified in the term_watch_count definition clause in the process service definition. The system went down consecutively for the specified number of time if a value is

specified in the term_watch_count definition clause.

8: Contents of the status file invalid.

9, 10, 14: Writing on a status file failed.

11. 15, 103: Closing the status file failed.

12, 16: Access error in the shared memory

17, 18, 19: Opening of the system standard input/output failed.

20: OpenTP1 system common definition is invalid.

21: Directory move failed.

500: System initialization processing during startup of OpenTP1 exceeded the period of time specified in the system_init_watch_time operand in the system environment definition. Specify a sufficient length of time for system initialization processing in the system_init_watch_time operand, and then restart the system.

S: Stops system startup or restart processing.

Countermeasure: Eliminate the trouble and:

- execute the dcreset command, or
- execute the dcsetup -d command. Enter n in response to the command. Then execute the dcsetup command and register OpenTP1 again.

If the cause of the error cannot be determined, contact maintenance personnel.

KFCA00717-E (C)

system went down *aa...aa* times.

aa...aa: Number of times the OpenTP1 system abnormally terminated consecutively

S: Stops restart processing of OpenTP1.

Countermeasure: Eliminate the trouble according to the message that was output before this message, and restart the system. If the cause of the error cannot be determined, contact the maintenance personnel.

KFCA00718-E (C)

directory *aa....aa* cannot access.

aa....aa: Directory name

S: Shuts down the entire system.

O: Check the access permissions for the directory.

KFCA00719-W (E)

signal number specified in prc_abort_signal is invalid.

A core file cannot be output or the process cannot be stopped because an invalid value is specified for prc_abort_signal of the user service definition or user service default definition.

S: Stops the process without outputting the core file.

O: Change the value of prc_abort_signal, and then restart the server.

KFCA00720-E (C)

load module name is not defined in definition file of server *aa...aa*.

Load module name (set module =) is not defined in the definition file of the server.

aa...aa: Server name (Same as the definition file name)

S: Continues processing.

O: Describes the load module name into the definition file, and restart the server.

KFCA00721-E (E)

versions of process service library and process service daemon do not match.

Version of process service daemon does not match that of the library which requested service from the process service. This prevents process service daemon from executing the service.

S: Stops processing.

Countermeasure: Re-create and start the user server or command using the library offered from the current OpenTP1. If the error recurs, contact the maintenance personnel.

KFCA00722-E

incorrect value specified in definition. server: *aa...aa*, variable: *bb...bb*

An incorrect value was specified for the variable in the definition file.

aa...aa: Server name (up to 8 alphanumeric characters)

bb...bb: Variable name

S: Terminates the process where the error occurred.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the description format of the variable name, then correct the value.

KFCA00723-E

```
serious error occurred; cannot continue OpenTP1. OpenTP1
stopped. reason: aa...aa
```

aa...aa: Error reason

CRITICAL: The server terminated with a critical condition.

MEMORY: A fixed number of retries were performed for partial recovery but failed due to there being insufficient memory.

S: Terminates OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the number of processes in the system, apply an appropriate countermeasure, and then restart OpenTP1.

KFCA00724-E

```
insufficient memory: cannot perform partial recovery on server
aa...aa. partial recovery will be retried in bb...bb seconds.
```

aa...aa: Name of the server which went down. (Up to eight alphanumeric characters)

bb...bb: Time (in seconds) until partial recovery is retried

S: Continues OpenTP1 processing and retries partial recovery.

O: Contact the OpenTP1 administrator.

Countermeasure: To eliminate the problem of there being insufficient memory, check the number of processes in the system and terminate any which are unnecessary.

KFCA00725-E

```
HA monitor has been stopped.
```

The HAmonitor has been stopped.

S: Stops OpenTP1.

O: Start the HAmonitor, then restart OpenTP1.

KFCA00726-E (E)

```
system error was detected during communication with HA monitor.
error code: aa...aa, detail code: bb...bb
```

aa...aa: Return code of the HAmonitor

bb...bb: Detailed return code of the HAmonitor

S: Stops OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA00727-I (S)

```
the search path names for user server and for command activated
from user server was taken over.
```

The command and server search path in the last online run have been taken over.

S: Continues processing.

KFCA00728-W (E)

```
taking over the search path names for user server and for command
activated from user server failed.
```

S: Continues processing. If the last online run involved a change in the command or user server search path, the change is ignored.

O: If necessary, change the command or user server search path after making sure that the system is online.

KFCA00729-E (E)

```
saving the search path names for user server and for command
activated from user server was failed.
```

S: Continues processing. The next rerun, however, will not take over the command or user server search path correctly.

O: Remove the cause for the failure and use the prcpath command to reset the user server search path.

KFCA00730-E (E)

```
because the process with held thread was detected, terminate it.
server name: aa...aa, process ID: bb...bb
```

aa...aa: Server name of the process with the held thread

bb...bb: Process ID of the process with the held thread

S: Stops the process.

KFCA00731-W (E)

```
prc_coresave_path in process service definition is invalid.
```

S: Assumes the default value and continues processing.

O: Correct the definition file and enter the `dcreset` command.

Countermeasure: Check that the path name consists of 63 or less characters. Check also that the path name is correctly specified as a full path name, such as whether the path name begins with `/`.

KFCA00732-W (C)

```
There is a problem with the prc_current_work_path definition
entry in the system common definition.
```

S: Continues processing, assuming the default.

O: Correct the definition file and enter the `dcreset` command.

Countermeasure: Make sure that:

- The path name consists of 50 or fewer characters.

- The path name is correctly specified as a full path name, such as whether the path name begins with `/`.

- The specified directory has write permission for the OpenTP1 system administrator.

- The specified directory is not being used in any other OpenTP1.

KFCA00750-E (E)

```
insufficient memory; cannot execute command. required memory
size: aa...aa bytes, area type: bb...bb
```

aa...aa: Memory size that was failed to be reserved. (Up to ten numerals)

bb...bb: Type of the insufficient memory area. (Up to 15 alphanumerics)

STATIC_SHMPOOL: Static shared memory

PROCESS: Process-specific memory

S: Terminates the command abnormally.

Countermeasure: If the shared memory area is insufficient, check and correct the specified definition value and retry. If the process-specific memory area is insufficient, check the number of processes and retry. If the error recurs, contact the maintenance personnel to investigate the cause of the error.

KFCA00751-E (E)

```
command syntax is incorrect.
```

O: Check the command syntax.

KFCA00752-E (E)

```
load module name is invalid.
```

Length of the prcls command argument (load module name) is invalid.

O: Set the correct argument.

KFCA00753-E (E)

```
server name is invalid.
```

Length of the prcls command argument (server name) is invalid.

O: Set the correct argument.

KFCA00754-E (E)

```
process ID is invalid.
```

Value of the prcls command argument (process ID) is invalid.

O: Set the correct argument.

KFCA00755-E (E)

```
inter-process communication unavailable.
```

Command execution is impossible because inter-process communication is unavailable. Possible reasons are that OpenTP1 is not operating, or environmental conditions for inter-process communication are not satisfied.

O: Enter the command while OpenTP1 is operating. If this message appears while OpenTP1 is operating, make sure that the environment variables required for operation are set correctly. For details about the environment variables, see the description about setting up an environment for OpenTP1 administrators in the manual *OpenTP1 Operation*.

KFCA00756-E (E)

```
command argument is invalid.
```

O: Specify the correct argument.

KFCA00757-E (E)

aa...aa does not exist.

The directory specified by the prcpath command does not exist.

aa...aa: Directory name

O: Specify the correct argument.

KFCA00758-E (E)

aa...aa is not a directory.

The argument specified by the prcpath command is not a directory.

aa...aa: Directory name

O: Specify the correct argument.

KFCA00759-E (E)

```
service group name is invalid.
```

Length of the prcls command argument (service group) is invalid.

O: Specify the correct argument.

KFCA00760-E (E)

```
output to standard out and to standard error is failed. process
ID=aa...aa reason=bb...bb
```

aa...aa: Process ID with the error

bb...bb: Cause of the error

STATUS: The process to be stopped has gone down.

EXIT: The process to be stopped is not found.

S: Continues processing.

O: If necessary, remove the cause of the error, and retry.

KFCA00761-E (E)

```
error occurred during command execution. reason code=aa...aa
```

aa...aa: Error that occurred during the command

PROTOCOL: The dcreset command is entered when OpenTP1 is in a state other than the halt state.

S: Terminates the command with error.

O: Remove the cause of the error, and then reenter the command. It may be necessary to enter the dcstop -f command to stop the system depending on the status of OpenTP1.

KFCA00771-W (E)

```
(aa....aa: bb....bb) cc....cc is not included in the prc: prcsvpath
setting.
```

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: The $DCDIR/aplib and $DCDIR/bin information that is missing in the setting

S: Continues processing.

O: Check whether the specification of the prcsvpath definition command in the process service definition contains $DCDIR/aplib and $DCDIR/bin.

KFCA00772-I (E+S)

```
usage:prctctrl {-s|-e}[-i check_interval][-c check_count]
```

This message indicates how to use the prctctrl command.

KFCA00773-E (E)

```
error occurred during command execution.
reason code=aa...aa
```

aa...aa: Error that occurred during the command

ALREADY_STARTED: The prctee process has already started.

ALREADY_STOPPED: The prctee process has already stopped.

TIME_OUT: Starting or stopping of the prctee process was not confirmed.

NOT_SUPER_USER: The user executing the command is not a superuser.

PRCD_PAUSE: The process service daemon (prcd) output a KFCA00715-E message and suspended the process, or OpenTP1 was not set up (dcsetup command).

S: Terminates the command.

O: Remove the cause of the error, and then re-execute the command.

KFCA00791-I (S)

usage: prcls: [{-a|-s server name |-g service group name |-l load module name |-p process ID|-x}]

This message indicates how to use the prcls command. It is displayed when the command format is invalid.

S: Terminates the command abnormally.

O: Reenter the correct command.

KFCA00792-I (E)

usage: prcpath search path name

This message indicates how to use the prcpath command. It is displayed when the command format is invalid.

S: Terminates the command abnormally.

O: Reenter the correct command.

KFCA00794-I (E)

usage: prckill process_ID [process_ID ...]

This message indicates how to use the prckill command when the command format is invalid.

S: Terminates the command abnormally.

O: Re-enter the correct command.

KFCA00795-I (E)

```
usage:dcreset
```

This message indicates how to use the `dcreset` command. It is displayed when the command format is invalid.

S: Terminates the command abnormally.

O: Re-enter the correct command.

KFCA00800-I (L+E)

```
now preparing scheduler.
```

KFCA00801-I (L+E)

```
now recovering scheduler.
```

KFCA00802-I (L+E)

```
scheduler started.
```

Scheduler startup or restart processing has completed normally.

KFCA00803-E (L+E)

```
cannot start scheduler. reason code=aa...aa
```

An error occurred during scheduler normal startup or restart processing.

aa...aa: Reason code indicating the contents of the error. (Up to ten numerals)

The following table shows the reason codes and countermeasures.

S: Stops scheduler normal startup or restart processing.

Countermeasure: Take countermeasures according to the reason code and restart the scheduler.

Reason code	Meaning	Countermeasures
1	Shared memory cannot be reserved.	Check the size of the statically shared memory specified in the system environment definition. Then, restart OpenTP1.
2	Definition analysis error	Take countermeasures according to the error message, if any, that was output before this message, then restart the scheduler.

Reason code	Meaning	Countermeasures
3	Insufficient process-unique memory	Reduce the value specified for scd_hold_recovery_count in the schedule service definition. If the problem persists, abandon attempting to keep the server/service in the shutdown state and specify 0 for scd_hold_recovery_count.
4	Status file access error	Check the value of the scd_hold_recovery_count operand in the schedule service definition, take countermeasures, and then restart OpenTP1. If the value of the scd_hold_recovery_count operand is correct, take countermeasures according to the error message, if any, that was output before this message. Then, restart the scheduler.
5	Communication error	Take countermeasures according to the previous error message.
6	Queue information file access error	Failed to create a queue information file ($DCDIR/spool/scdqid1, scdqid2). The access authority under $DCDIR, including the access authority to the queue information file, may have been changed. Check whether the access authority has changed. If changed, use the dcsetup command to recreate the structure under $DCDIR. If the error still recurs, contact maintenance personnel.
8	Port number duplicated	Stop the process started by the port number specified in scd_port in the schedule service definition, or re-define scd_port. Then, restart OpenTP1.
10	Invalid schedule buffer group specified	Check the value of scdbufgrp in the schedule service definition, and then restart OpenTP1.
11	The number of servers for sharing the schedule buffer group exceeds the limit.	Check the value of scdbufgrp in the schedule service definition. Then, restart OpenTP1.
21	Failed to start multi-scheduler daemons.	Take countermeasures according to the error message, if any, that was output before this message. Then, restart the OpenTP1 system.
22	Invalid multi-scheduler definition.	The scdmulti definition command in the schedule service definition is invalid. The possible causes of the definition error are: • The specified port number is invalid (for example, another process already uses the port number). • More than one scdmulti definition command that does not include the -g option is specified. • The -g options in some scdmulti definition commands specify the same name. Correct the specification of the scdmulti definition commands and then restart the OpenTP1 system.

KFCA00805-I (L+E)

```
now preparing for schedule service.
```

Startup processing of schedule service (acceptance of service request from servers operating under the scheduler) has begun.

KFCA00806-I (L+E)

```
schedule service started.
```

Acceptance of service request has started for servers operating under the scheduler.

KFCA00807-I (L+E)

```
now terminating schedule service.
```

Acceptance of service request will be terminated for servers operating under the scheduler. Planned termination B will also discard currently accepted service requests.

KFCA00808-I (L+E)

```
schedule service terminated.
```

Acceptance of service request has terminated for servers operating under the scheduler. Planned termination B also terminated taking out the service requests from the scheduler queue.

KFCA00809-E (L+E)

```
cannot start multi scheduler. reason code=aa...aa maintenance
info=bb...bb(cc...cc)
```

An error occurred at the start of the multi-scheduler.

aa...aa: Reason code indicating the contents of the error. (Up to ten numerals)

bb...bb: Maintenance information (Up to eight alphanumerics)

cc...cc: Maintenance information (Up to ten numerals)

S: Stops starting the scheduler.

Countermeasure: Take countermeasures according to the reason code and then restart the OpenTP1 system.

Reason code	Meaning	Countermeasures
1	Definition analysis error	Take countermeasures according to the error message, if any, that was output before this message. Then, restart the OpenTP1 system.
2	Duplicate port number	Terminate the process that is currently using the port or modify the scdmulti definition command in the schedule service definition. Then, restart the OpenTP1 system.
3	Communication error	Take countermeasures according to the error message, if any, that was output before this message. Then, restart the OpenTP1 system.
4	Insufficient memory	Take countermeasures according to the error message, if any, that was output before this message. Then, restart the OpenTP1 system.
5	Access error for the status file	Take countermeasures according to the error message, if any, that was output before this message. Then, restart the OpenTP1 system.

KFCA00810-I (L+E)

```
now terminating scheduler.
```

KFCA00811-I (L+E)

```
scheduler terminated.
```

KFCA00820-I (L+E)

```
server aa...aa is placed in shutdown state.
```

aa...aa: Name of the server that is placed in shutdown state. (Up to eight alphanumerics)

KFCA00821-E (L+E)

```
cannot place server aa...aa in shutdown state. reason code=bb...bb
```

An error occurred while placing the service in shutdown state.

aa...aa: Name of the server that cannot be placed in the shutdown state. (Up to eight alphanumerics)

bb...bb: Reason code indicating the contents of the error. (Up to ten numerals)

The following table shows the reason codes and countermeasures.

S: Stops processing of placing the server in the shutdown state.

O: If the server must be placed in the shutdown state, enter the scdhold command to

place it in shutdown state after the OpenTP1 administrator's action.

Countermeasure: Follow the reason code.

Reason code	Meaning	Countermeasures
1	Invalid server name	Specified server name is invalid, or the specified server is not started. For specification error, specify the correct server name and enter the scdhold command.
2	Timing error	The scheduler is not started or is being terminated. Restart the system and enter the scdhold command.
3	Server is already placed in the shutdown state.	Use the `scdls` command to check the status of the server.
4	Communication error	Take countermeasures according to the error message, if any, that was output before this message. Then, enter the scdhold command.
5	Program version unmatch	Check and correct the versions of OpenTP1 libraries, and enter the scdhold command.
6	Invalid server	The specified server is a server that cannot be held (MHP, system server, debugger-linked server, etc.). For a specification error, specify the correct server name and enter the scdhold command.
7	Server preparing to terminate	Since the specified server is now preparing to terminate, it cannot be placed in the shutdown state. If the specification is not correct, specify the server name correctly then execute the scdhold command.

KFCA00822-I (L+E)

service *bb...bb* is placed in shutdown state. server: *aa...aa*

aa...aa: Name of the server running the service placed in the shutdown state. (Up to eight alphanumeric characters)

bb...bb: Name of the service placed in the shutdown state. (Up to 32 alphanumeric characters)

KFCA00823-E (L+E)

cannot place service *bb...bb* in shutdown state. server: *aa...aa*, reason code=*cc...cc*

An error occurred while attempting to place the service in the shutdown state.

aa...aa: Name of the specified server. (Up to eight alphanumeric characters)

bb...bb: Name of the service which cannot be placed in shutdown state. (Up to 32

alphanumeric characters)

cc...cc: Reason code indicating the contents of the error. (Up to ten digits).

The table below lists the reason codes and their corresponding countermeasures.

S: Stops service shutdown processing.

O: If the service must be placed in the shutdown state, enter the scdhold command to place it in shutdown state after corrective action has been applied by the OpenTP1 administrator.

Countermeasure: Proceed as indicated by the reason code.

Reason code	Meaning	Countermeasures
1	Invalid server name	Specified server name is invalid. Or, the specified server is not started. For a specification error, specify the server name correctly then enter the scdhold command.
2	Timing error	The scheduler has not been started or is being terminated. Restart the system then enter the scdhold command.
3	Server is already placed in the shutdown state.	Use the scdls command to check the status of the server.
4	Communication error	Proceed as indicated for the error message, if any, output immediately before this message. Then, enter the scdhold command.
5	Program version mismatch	Check and correct the versions of the OpenTP1 libraries, then enter the scdhold command.
6	Invalid server	The specified server is a server that cannot be held (MHP, system server, debugger-linked server, etc.). For a specification error, specify the server name correctly then enter the scdhold command.
7	Shutdown management is not permitted for service units.	A service shutdown request was issued to a server for which no service shutdown management was specified (service_hold=N) in the user service definition. If shutdown management in service units is required, check the service_hold operand of the user service definition then enter the dcsvstop, dcsvstart, and scdhold commands, in this order.
8	Invalid service name	The specified service name is invalid. Or, the service is not supported by the specified server. For a specification error, specify the service name correctly, then enter the scdhold command.
9	Service is already placed in the shutdown state.	Use the scdls command to check the status of the server.

Reason code	Meaning	Countermeasures
10	Server is in preparation for termination.	The specified server cannot be held since it is in preparation for termination. For a specification error, specify the server name correctly then enter the scdhold command.

KFCA00824-I (L+E)

```
server aa...aa placed in shutdown state when it could accept
service requests.
```

The server was placed in the shutdown state by using the -p option.

aa...aa: Name of the server placed in the shutdown state. (Up to eight alphanumeric characters)

KFCA00825-I (L+E)

```
server aa...aa restarted.
```

aa...aa: Name of the restarted server. (Up to eight alphanumerics)

KFCA00826-E (L+E)

```
cannot restart server aa...aa. reason code=bb...bb
```

An error occurred while restarting the server.

aa...aa: Name of the server that cannot be restarted. (Up to eight alphanumerics)

bb...bb: Reason code indicating the contents of the error. (Up to ten digits numerals) The table below shows the reason codes and countermeasures.

S: Stops server restart processing.

O: If the server must be restarted, enter the scdrles command to restart it after the OpenTP1 administrator's action.

Countermeasure: Follow the reason code.

Reason code	Meaning	Countermeasures
1	Invalid server name	Specified server name is invalid, or the specified server is not started. For specification error, specify the correct server name and enter the scdrles command.
2	Timing error	The scheduler is not started or is being terminated. Restart the system and enter the scdrles command.

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Reason code	Meaning	Countermeasures
3	Server is not placed in the shutdown state.	Use the `scdls` command to check the status of the server.
4	Communication error	Take countermeasures according to the error message, if any, that was output before this message. Then, enter the scdrles command.
5	Program version unmatched	Check and correct the versions of OpenTP1 libraries, and enter the scdrles command.
6	Invalid server	Since the specified server is MHP or system server, it cannot be restarted. For a specification error, specify the correct server name and enter the scdrles command.
7	Resident process cannot be started.	Check and correct the number of processes for the system. Then, enter the scdrles command.

KFCA00827-I (L+E)

service *bb...bb* restarted. server name: *aa...aa*

aa...aa: Name of the server supporting the restarted service. (Up to eight alphanumeric characters)

bb...bb: Name of the restarted service. (Up to 32 alphanumerics)

KFCA00828-E (L+E)

cannot restart service *bb...bb*. server name: *aa...aa*. reason code=*cc...cc*

An error occurred while restarting the service.

aa...aa: Name of the specified server. (Up to eight alphanumeric characters)

bb...bb: Name of the service that cannot be restarted. (Up to 32 alphanumeric characters)

cc...cc: Reason code indicating the contents of the error. (Up to ten digits).

The table below lists the reason codes and their corresponding countermeasures.

S: Stops service restart processing.

O: If the service must be restarted, do so by entering the scdrles command after corrective action has been applied by the OpenTP1 administrator.

Countermeasure: Proceed as indicated by the reason code.

Reason code	Meaning	Countermeasures
1	Invalid server name	The specified server name is invalid, or the specified server has not yet been started. For a specification error, specify the server name correctly then enter the scdrles command.
2	Timing error	The scheduler has not yet been started or is being terminated. Restart the system and enter the scdrles command.
3	Server has not yet been placed in the shutdown state.	Use the `scdls` command to check the status of the server.
4	Communication error	Apply a suitable countermeasure, as indicated for the error message, if any, output immediately before this message. Then, enter the scdrles command.
5	Program version mismatch	Check and correct the versions of the OpenTP1 libraries, then enter the scdrles command.
6	Invalid server	Since the specified server is MHP or the system server, it cannot be placed in the shutdown state. For a specification error, specify the server name correctly then enter the scdrles command.
7	Resident process cannot be started.	Check and correct the number of processes for the system. Then, enter the scdrles command.
8	Shutdown management is not allowed in service units.	A service shutdown request was issued to a server for which no service shutdown management is specified (service_hold=N) in the user service definition. If shutdown management in service units is required, check the service_hold operand of the user service definition, then enter the dcsvstop, dcsvstart, and scdrles commands, in this order.
9	Invalid service name	The specified service name is invalid, or the service has not yet been entered on the specified server. For a specification error, specify the service name correctly then enter the scdrles command.
10	Service has not yet been placed in the shutdown state.	Use the `scdls` command to check the status of the server.
11	Server has been placed in the shutdown state in -p mode.	Since the server has been placed in the shutdown state in -p mode, it cannot be restarted in service units. For a specification error, specify the service name correctly then enter the scdrles command.

KFCA00829-W (L+E)

over *aaa*% of the message storage pool has been used. server name: *bb....bb*(*cc....cc*) number of service requests: *dd....dd* usable size: *ee....ee* size in use: *ff....ff* percent used: *ggg*

aaa: Usage rate limit for the message storage buffer pool. (Up to three base-10 digits)

bb....bb: Name of the server that exceeded the use rate limit for the message storage buffer pool. (Up to eight alphanumerics)

cc....cc: Schedule buffer group name. (Up to eight alphanumerics. If the schedule buffer group is not used, ******** is displayed.)

dd....dd: Number of service requests remaining in the schedule queue. (Up to six base-10 digits)

ee....ee: Size of the message storage pool available for use (bytes). (Up to eight base-10 digits)

ff....ff: Size of the message storage pool in use (bytes). (Up to eight base-10 digits)

ggg: Percentage of the maximum size of the message storage pool that is in use. (Up to three base-10 digits. Digits below the decimal point are dropped.)

S: Continues processing.

Countermeasure: If this message is output frequently, the message storage buffer pool may be insufficient for the number of service requests.

> Check the value of the message_store_buflen operand specified in the user service definition or user service default definition. If the schedule buffer group name is displayed, check the value of the scdbufgrp operand in the schedule service definition.

KFCA00830-E (L+E)

cannot start server *aa...aa*. reason code=*bb...bb*

An error occurred while starting the server.

aa...aa: Name of the server that cannot be started. (Up to eight alphanumerics)

bb...bb: Reason code indicating the contents of the error. (Up to ten numerals) The table below shows the reason codes and countermeasures.

S: Stops server startup processing.

O: If the server must be started, enter the dcsvstart command to start it after the OpenTP1 administrator's action.

Countermeasure: Follow the reason code.

Reason code	Meaning	Countermeasures
1	Server or service group is already started.	Specified server or service group is already started. For specification error, specify the correct server name or service group name (user service definition) and enter the dcsvstart command.
2	Timing error	The scheduler is not started or is being terminated. Restart the system and enter the dcsvstart command.
3	Invalid server count	Number of servers exceeds the limit for operating under the scheduler. Check scd_server_count in the schedule service definition. Then, enter the dcsvstart command.
4	Communication error	Take countermeasures according to the error message, if any, that was output before this message. Then, enter the dcsvstart command.
5	Program version unmatched	Check and correct the versions of OpenTP1 libraries. Then, enter the dcsvstart command.
6	Resident process cannot be started.	Take corrective action as follows: (1)Check and correct the number of processes specified for the prc_process_count operand in the process service definition. (2)Check and correct the number of processes for the OS. (3)Enter the dcsvstart command.
7	Insufficient memory	If the *KFCA00855-E* message showing STATIC_SHMPOOL or DYNAMIC_SHMPOOL as the area type was output immediately before this message, check and correct the memory size specified in the system environment definition. For other cases, take countermeasures according to the message that was output immediately before this message, and then enter the dcsvstart command.
8	Definition analysis error	Take countermeasures according to the error message, if any, that was output before this message. Then, enter the dcsvstart command. If there has been no output of failure message, check the user service definition and the user service default definition's parallel_count operand or service operand and take corrective action before entering the dcsvstart command.
10	Invalid schedule buffer group specified	The schedule buffer group name specified in the user service definition is invalid. Specify the correct schedule buffer group name, and then restart the user server.

Reason code	Meaning	Countermeasures
21	Invalid multi-scheduler definition	An incorrect scdmulti definition command is specified in the user service definition or in the user service default definition. The possible causes are: • More than one scdmulti definition command exists. • The name specified in the -g option is not specified in the scdmulti definition command of the scheduler service definition. • This scdmulti definition command does not include the -g option but the scdmulti definition command in the schedule service definition includes the -g option. Correct the error in the scdmulti definition command and restart the server.
31	Definition of the extended inter-node load-balancing facility is invalid	The levelup_queue_count operand or the leveldown_queue_count operand in the user service definition or the user service default definition is invalid. Check the value specified in the definition, correct the error, and enter the dcsvstart command.
32	Failure in acquiring the shared memory used by the extended inter-node load-balancing facility	The shared memory required by the extended inter-node load-balancing facility is insufficient. Check the size of the statically shared memory specified in the system environment definition, and then enter the dcsvstart command.

KFCA00831-W

```
requesting the service bb....bb for the server aa....aa cannot be
scheduled. reason code = cc....c, maintenance information = dd....dd
```

A service request for the server could not be registered in the schedule queue as specified in the scdsvcdef definition command.

aa...aa: Name of the server for which scheduling of the service request failed

aa...aa: Name of the service that could not schedule the service request

cc...cc: Reason of the scheduling failure

　　The following table shows the reason codes and countermeasures.

dd....dd: Maintenance information

S: Stops processing.

Countermeasure: Take appropriate action according to the reason code. If successive attempts to register a service request in the schedule queue fail, output of this message with the same reason code is suppressed. The message is output again when the registration of service requests is disabled after a service request has been registered successfully in the schedule queue.

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Reason code	Meaning	Countermeasure
SERVICE_COU NT	The number of queued service requests exceeded the maximum.	Check the number of service requests that can be queued for the server and service (specified in the -n option of the scdsvcdef definition command in the user service definition). If necessary, correct the definition and restart the server.
MESSAGE_BUF FER	The limit on the length of the message storage buffer pool available for queuing was exceeded.	Check the length of the message storage buffer pool available for queuing (specified in the -l option of the scdsvcdef definition command in the user service definition). If necessary, correct the definition and restart the server.

KFCA00833-W (L+E)

service requests are accumulating in the schedule queue. server: *aa....aa*, processing rate: *bb....bb*%, maintenance information1: *cc....cc*, *dd....dd*, *ee....ee* maintenance information2: *ff....ff*, *gg....gg*, *hh....hh*, *ii....ii*, *j*

Service requests for a server are accumulating in the schedule queue.

aa....aa: Name of the user server for which service requests are accumulating

bb....bb: Percentage of the number of remaining service requests for which services have been executed (%)

cc....cc: The previous number of remaining service requests determined during monitoring of the schedule queue for service request accumulation

dd....dd: The current number of remaining service requests determined during monitoring of the schedule queue for service request accumulation

ee....ee: The number of service requests that were processed during monitoring of the schedule queue for service request accumulation

ff....ff: Value of the stay_watch_queue_count operand specified in the user service definition or the user service default definition

gg....gg: Value of the stay_watch_check_rate operand specified in the user service definition or the user service default definition (%)

hh....hh: Value of the stay_watch_start_interval operand specified in the user service definition or the user service default definition (seconds)

ii....ii: Value of the stay_watch_check_interval operand specified in the user service definition or the user service default definition (seconds)

j: Value of the stay_watch_abort operand specified in the user service definition or the user service default definition (Y or N)

S: Performs either of the following actions depending on the value of the

`stay_watch_abort` operand specified in the user service definition or the user service default definition.

> When `N` (default) is specified for the `stay_watch_abort` operand:
>
>> Continues processing. If service requests remain in the schedule queue for an extended period of time, this message is output repeatedly according to the specification of the `stay_watch_check_interval` operand.
>
> When `Y` is specified for the `stay_watch_abort` operand:
>
>> Outputs the KFCA00834-E message. After output of the message, the system daemon for the schedule service terminates abnormally and the OpenTP1 system goes down.

Countermeasure: The cause of this problem may be delayed service processing on the user server or excessive load throughout the system. Use system commands of the operating system to investigate the cause of the problem, take appropriate action, and then restart OpenTP1. Save the result of entering the `scdls` command with the `-p` option, and then contact maintenance personnel if necessary.

KFCA00834-E (L+E)

```
OpenTP1 will now stop because the processing rate of the server
is low. server: aa....aa, processing rate: bb....bb%, maintenance
information1: cc....cc, dd....dd, ee....ee maintenance information2: ff....ff,
gg....gg, hh....hh, ii....ii, j
```

OpenTP1 will now stop because the processing rate of the server is low due to an accumulation of service requests in the schedule queue.

aa....aa: Name of the user server for which the service requests have accumulated

bb....bb: Percentage of the number of accumulated service requests for which services have been executed (%)

cc....cc: The previous number of remaining service requests determined during monitoring of the schedule queue for service request accumulation

dd....dd: The current number of remaining service requests determined during monitoring of the schedule queue for service request accumulation

ee....ee: The number of service requests that were processed during monitoring of the schedule queue for service request accumulation

ff....ff: Value of the `stay_watch_queue_count` operand specified in the user service definition or the user service default definition

gg....gg: Value of the `stay_watch_check_rate` operand specified in the user service definition or the user service default definition (%)

hh....hh: Value of the `stay_watch_start_interval` operand specified in the user service definition or the user service default definition (seconds)

ii....ii: Value of the `stay_watch_check_interval` operand specified in the user service definition or the user service default definition (seconds)

j: Value of the `stay_watch_abort` operand specified in the user service definition or the user service default definition (`Y` or `N`)

Countermeasure: The cause of this problem may be delayed service processing on the user server or excessive load throughout the system. Use system commands of the operating system to investigate the cause of the problem, take appropriate action, and then restart OpenTP1.

KFCA00835-E (L+E)

```
cannot terminate server aa...aa. reason code=bb...bb
```

An error occurred while terminating the server.

aa...aa: Name of the server that cannot be terminated. (Up to eight alphanumerics)

bb...bb: Reason code indicating the contents of error. (Up to ten numerals) The table below shows the reason codes and countermeasures.

S: Discontinues the server termination processing.

If this message appears when the dcstop command is being executed, the corresponding server is ignored and the system's termination continues.

O: If it is necessary to terminate the corresponding server, use the server stop command (dcsvstop -f) to bring the server to a forced stop. If this message appears when the dcstop command is being executed, delete the corresponding server process after the system is terminated.

Countermeasure: Take corrective action referring to the reason code list.

Reason code	Meaning	Cause or action
1	Corresponding server not started	The specified server or service group has not been started.
2	Timing error	The scheduler is not started or it is about to terminate.
3	Communication failure	If there is a previous output of failure messages, take corrective action in accordance with them.
4	Different program version	Take corrective action after checking the versions of all libraries in OpenTP1.

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Reason code	Meaning	Cause or action
5	Insufficient memory	If the *KFCA00855-E* message showing `STATIC_SHMPOOL` or `DYNAMIC_SHMPOOL` as the area type was output immediately before this message, check and correct the memory size specified in the system environment definition. For other cases, take countermeasures according to the message that was output before this message.
6	Definition analysis error	If there is a previous output of failure messages, use them to take corrective action.

KFCA00836-E (L+E)

```
cannot create a server process. server: aa...aa, reason code=bb...bb
(cc...cc)
```

The creation of a server process failed upon scheduling the server.

aa...aa: Name of the server on which a server process cannot be created. (Up to eight alphanumeric characters)

bb...bb: Reason code for the server process creation failure. (Up to ten digits)

The table below lists the reason codes and their corresponding countermeasures.

cc...cc: Internal code. (Up to a 10-digit integer)

S: Postpones the scheduling of the server. If the reason code is 99, OpenTP1 may terminate abnormally.

Countermeasure: Proceed as indicated by the reason code.

To abort the processing, stop the server forcibly.

This message is output approximately every ten seconds. This message can only contain the names of five servers. Therefore, if the names of five servers are output in the message, there may be other servers in the same state. Check this point.

Reason code	Meaning	Countermeasures
1	The maximum process count specified for the system or OpenTP1 has been reached.	Reduce the number of processes being executed. Alternatively, review the maximum process count.
2	Insufficient memory in the system or OpenTP1	Check the OS memory setting to eliminate the problem of insufficient memory. If the problem cannot be corrected, contact maintenance personnel.

Reason code	Meaning	Countermeasures
3	Timing error	If the error fails to be recovered despite a relatively long time elapsing, contact the maintenance personnel.
99	System error	

KFCA00837-I (L+E)

```
now holding termination processing for server aa...aa. server
information=(b,ccc,ddd,eee,ff....ff)
```

Termination processing for the server is being held because a state has arisen in which the server cannot terminate.

aa...aa: Name of the server for which termination processing is being held. (Up to eight alphanumeric characters)

b: State of the server

The table below lists the states of a server.

ccc: Number of resident processes. (Up to three digits)

ddd: Maximum number of processes. (Up to three digits)

eee: Number of start processes. (Up to three digits)

If the server state is D, set the number of start processes to -1.

ff....ff: Number of service requests in the schedule queue. (Up to 6 digits)

Countermeasure: Apply the following countermeasure if the server does not terminate for a long time.

When the server is not an MHP

If you find that the number of service requests in the schedule queue has not decreased for a long time, take either of the following actions depending on the server state:

When the server state is neither P nor H

Use the scdhold command to place the server in the shutdown state and discard the service requests in the schedule queue.

When the server state is P

Use the scdhold command to place the server in the shutdown state and discard the service requests in the schedule queue. Alternatively, use the scdrles command to release the server from the shutdown state and process the service requests in the schedule queue.

If service requests do not remain in the server schedule queue for an extended period, contact the maintenance personnel.

When the server is an MHP

Perform the following procedure:

1. Use the `mcfthldiq` command to hold the input queue schedule of the relevant service group.

2. In the above state, use `dcsvstop -df` to forcibly terminate the user server.

3. Use the `dcsvstart` command to restart the user server.

4. Use the `mcftrlsiq` command to release the hold on the input queue schedule.

Server state	Explanation
E	Now terminating the server.
H	Now placing the server in the shutdown state.
P	Now placing the server in the shutdown state. (Can receive service requests)
D	Now terminating the server process abnormally.

For examples of errors in which a message is output and the procedure for finding the reason they occurred, see the manual *OpenTP1 Operation*.

KFCA00838-W (L+E)

```
Scheduling is delayed.
server: aa...aa, maintenance information: bb...bb, cc...cc, d, ee...ee
```

There is a server whose scheduling using the schedule queue is delayed.

aa...aa: Server name

bb...bb: Number of service requests held in the schedule queue (up to 10 digits)

cc...cc: Schedule delay limit specified in the `schedule_delay_limit` operand in the user service definition (up to five digits) (unit: seconds)

d: Whether to allow the system to go down as specified in the `schedule_delay_abort` operand in the user service definition when the schedule is delayed (N or Y)

ee...ee: Number of seconds from the start of schedule queue monitoring (up to 10 digits)

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S: Processing differs depending on the value specified in the `schedule_delay_abort` operand in the user service definition.

When you specify `N` (default) for `schedule_delay_abort`, the system outputs this message and continues processing. When scheduling using the schedule queue is delayed for a long time, this message is output repeatedly.

When you specify `Y` for `schedule_delay_abort`, the system daemon of the schedule service terminates abnormally and OpenTP1 goes down.

Countermeasure: The cause of this problem may be the delayed service processing in the user server or the excessive load in the entire system.

Check the cause of this problem using system commands of the operating system, take appropriate actions, and restart OpenTP1. Save the result of entering the `scdls` command with the `-p` option, and then contact maintenance personnel as required.

KFCA00839-E (L+E)

```
The system is down due to a scheduling delay.
server: aa...aa, maintenance information: bb...bb, cc...cc, d, ee...ee
```

The system went down because there is a server whose scheduling using the schedule queue is delayed.

aa...aa: Server name

bb...bb: Number of service requests held in the schedule queue (up to 10 digits)

cc...cc: Schedule delay limit specified in the `schedule_delay_limit` operand in the user service definition (up to five digits) (unit: seconds)

d: Whether to allow the system to go down as specified in the `schedule_delay_abort` operand in the user service definition when the schedule is delayed (`N` or `Y`)

ee...ee: Number of seconds from the start of schedule queue monitoring (up to 10 digits)

Countermeasure: The cause of this problem may be the delayed service processing in the user server or the excessive load in the entire system.

Check the cause of this problem using system commands of the operating system, take appropriate actions, and restart OpenTP1.

KFCA00840-E (L+E)

```
error occurred while analyzing definitions. server
attribute=aa...aa
```

aa...aa: Attribute of the server that is subject of definition analysis. (Up to six alphanumerics)

"SYSTEM": System server

"USER": User server

The following describes two cases: 1. for system server, and 2. for user server.

S:

1. Terminates OpenTP1 abnormally.

2. Stops processing for the user server, and terminates the process.

Countermeasure:

1. Check and correct the definition, then restart OpenTP1. If the error recurs, contact the maintenance personnel.

2. Check and correct the definition, then restart the user server using the dcsvstart command. If the error recurs, contact the maintenance personnel.

KFCA00841-E (L+E)

```
service group name is not defined in server definition file.
server=aa...aa
```

aa...aa: Name of the server with which a definition error occurred. (Up to eight alphanumerics)

S: Stops server startup processing.

O: If the server must be started, enter the dcsvstart command to start it after the OpenTP1 administrator's action.

Countermeasure: Add the service group name to the definition file of the server.

KFCA00843-I

```
changed process count. server: aa...aa
```

The scdchprc command is used to change the number of processes running on the indicated server.

aa...aa: Name of the server for which the number of processes are changed

KFCA00844-E (L+E)

```
error occurred in scdchprc command. server: aa...aa, reason
code=bb...bb
```

An error occurred during processing of the scdchprc command.

aa...aa: Name of the server in which the error occurred while the server was executing the command. When the cause of the error is not related to any server name, ******* is displayed.

bb...bb: Reason code indicating the contents of the error.

S: Stops processing of the command for the server. When the -a option is specified, the system continues processing for the other servers.

O: Take countermeasures according to the reason code and then re-execute the command.

Reason code	Meaning	Countermeasures
1[#1]	Invalid parameter	A specified option or argument is invalid. Check the specification of options and arguments.
2[#1]	Invalid option	Check the specification of the -p option.
11	Invalid server name	The specified server name is invalid or the server is inactive. Correct the server name or start the server.
12	Invalid server	The specified server is a system server or a server for debugger linkage. Therefore, you cannot change the number of processes for the server. Check the server name.
13	Server is being terminated	The specified server is being terminated. Therefore, you cannot change the number of processes for the server. Check the server name.
14	Inactive schedule service	The schedule service is inactive or being terminated. Execute the command when the schedule service is active.
15	Timing error	Re-execute the command.
21	Definition analysis error	Take countermeasures according to the error message that was output before this message.
22	Timeout	A timeout occurred for processing of the command. Check if an error message concerning this error is output to the syslog file. Note that if the timeout is not due to a communication error, the system may continue processing of the command.
23	Insufficient memory	Check the OS memory setting to eliminate the problem of insufficient memory.
24	Incorrect program version	Check the version of each OpenTP1 library.

Reason code	Meaning	Countermeasures
25	Too many processes	No more resident processes can be started because the maximum number of processes that the system or OpenTP1 allows is reached. Reduce the number of processes or increase the upper limit.
26	Communication error	Communication between processes failed. Check if an error message concerning this error is output to the syslog file.
27	Process startup error	Failed to start resident processes. Check if an error message concerning this error is output to the syslog file.
-19xx[#2]	Message output error	Failed to output a message. Check if an error message concerning this error is output to the syslog file.

#1

If the message displays this reason code, the message is not output to the message log file.

#2

xx: 00 to 99

KFCA00845-W (L+E)

```
server shutdown state failed to be continued. reason code=aa...aa
```

An error occurred while continuing the server shutdown state during system restart processing.

aa...aa: Reason code indicating the contents of error. (Up to ten numerals)

The table below shows the reason codes and countermeasures.

S: Continues processing.

O: If any server must be placed in shutdown state, use the scdhold command to place it in the shutdown state.

Countermeasure: Follow the reason code.

If the reason code is 1 or 3, the server shutdown state may not be continued correctly the next time the system is restarted. Therefore, the next time the system is restarted, specify 0 for scd_hold_recovery_count in the schedule service definition. This prevents the shutdown state from continuing.

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Reason code	Meaning	Countermeasures
1	Status file access error	Apply suitable countermeasures as indicated for the error message, if any, output immediately before this message. If the server must be held in the shutdown state, enter the dcsvstop, dcsvstart, and scdhold commands, in this order. The server is again placed in the shutdown state.
2	Shutdown information incompatibility	If the server must be held in the shutdown state, enter the dcsvstop, dcsvstart, and scdhold commands, in this order, to return it to the shutdown state, since the shutdown state established in the previous online session cannot be held.
3	Insufficient process-unique memory	
4	No shutdown information	No action is necessary if 0 was specified for scd_hold_recovery_count of the schedule service definition in the previous online session. Otherwise, if the server must be held in the shutdown state, enter the dcsvstop, dcsvstart, and scdhold commands, in this order, to return it to the shutdown state, since the shutdown state established in the previous online session cannot be held.

KFCA00846-W (L+E)

```
server shutdown info failed to be cataloged; cannot hold server
or service in shutdown state after full-scale system recovery.
server: aa...aa, reason code=bb...bb
```

Although the server or service is placed in the shutdown state, writing of the server shutdown information into the file failed. This prevents the server from being kept in the shutdown state after the next full-scale system recovery.

aa...aa: Name of the server which failed in writing the shutdown information. (Up to eight alphanumerics)

bb...bb: Reason code indicating the contents of the error. (Up to ten numerals) The table below shows the reason codes and countermeasures.

S: Continues processing.

O: If the server or service must be kept in the shutdown state after a full-scale system recovery, enter the scdhold command to place it in the shutdown state after the OpenTP1 administrator's action.

Countermeasure: Follow the reason code.

Reason code	Meaning	Countermeasures
1	Status file access error	Take countermeasures according to the error message, if any, that was output before this message. If the server must be kept in the shutdown state, enter the dcsvstop, dcsvstart, and scdhold commands in this order to return it to the shutdown state.
2	Number of shutdown servers/services exceeded	The total number of servers and services to be held in the shutdown state, as specified in the scd_hold_recovery_ count operand of the schedule service definition, is too few. If the shutdown state must be held, check and correct the schedule service definition, the user service definition, and the user service default definition, then restart OpenTP1.
3	Insufficient memory	Apply one of the following countermeasures according to the operating state: (1)Specify service_hold=N in the user service definition. (2)Specify hold_recovery=N in the user service definition. (3)For the number of services per server, set a value of 64 or less.

KFCA00847-W (L+E)

```
queue info failed to be cataloged; next system startup cannot
delete message queue automatically. server=aa...aa
```

Because writing queue information onto the file failed, next system startup cannot delete the message queue automatically.

aa...aa: Name of the server which failed in writing the queue information. (Up to eight alphanumerics)

S: Continues processing

Countermeasure: Take countermeasures according to the error message, if any, that was output before this message.

KFCA00848-I (L+E)

```
server process is restart. server name: aa...aa
```

aa...aa: Name of the server where the server process is restarted (up to 8 alphanumerics)

KFCA00849-W (L+S)

```
load level is changed. server name: aa..aa level: bb..bb,cc..cc
```

The load level of the server has been changed.

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aa...aa: Name of the server on which load level has been changed.

bb...bb: Load level before the change (LEVEL0, LEVEL1, or LEVEL2)

cc...cc: Load level after the change (LEVEL0, LEVEL1, or LEVEL2)

S: Continues processing.

O: If this message appears frequently, the processing capacity of the user server may not be enough to handle the service requests queued in the schedule queue. Check whether the processing capacity of the server is sufficient by referencing the service execution time of the server, or other requirements, if necessary.

KFCA00850-E (L+E)

error occurred in system call *aa...aa*; cannot perform scheduling for server *bb...bb*. return info=*cc...cc*

aa...aa: System call name with which an error occurred

bb...bb: Name of the server in which an error occurred. (Up to eight alphanumerics)

cc...cc: Return code (errno) of the system call

S: Stops processing for the server.

Countermeasure: Investigate the cause of the error according to the return code and take countermeasures. If the cause of the error cannot be determined, contact the maintenance personnel. If the error occurred in the MSGGET system call, check and correct, if required, the value of the system parameter MSGMNI (message parameter) or the number of servers. Then, restart system.

If the MSGSND or MSGRCV system call has failed with errno=13, check the gid operand in the user service definition.

This error occurs if the gid operand does not specify the group ID of the OpenTP1 administrator. Specify it correctly or omit the gid operand.

KFCA00851-E (E)

error occurred in MSGCTL system call; cannot delete message queue. return info=*aa...aa*, queue ID=*bb...bb*

aa...aa: Return code (errno) of the system call

bb...bb: Queue ID of the message queue in which an error occurred

S: Continues processing.

O: Enter the ipcrm command to delete the message queue that must be deleted.

Countermeasure: Check the cause of the error according to the return information. If

the cause of error cannot be determined, or if the error recurs, contact the maintenance personnel.

KFCA00852-E (E)

```
queue info acquisition failed; cannot delete message queue.
reason code=aa...aa
```

aa...aa: Reason code (Up to ten numerals)

The table below shows the reason codes and countermeasures.

S: Stops deleting the queue.

Countermeasure: Take countermeasures according to the error message, if any, that was output before this message.

Reason code	Meaning	Countermeasure
1	Insufficient memory	Terminate the unnecessary process and restart the system.
2	Queue information file access error	Take countermeasures according to the error message, if any, that was output before this message, then retry the system. Also check for invalid access to files under `$DCDIR/spool/`.
3	Program version unmatched	Check and correct the versions of the OpenTP1 command and library. Then, restart the system.
4	Invalid environmental variables	Set the `DCDIR` environmental variable correctly. Then, restart the system.

KFCA00853-E (L+E)

```
insufficient memory in message buffer pool continues.
server=aa....aa
```

During the interval specified in the `scd_poolfull_check_interval` operand, the number of times memory became insufficient in the message storage buffer pool exceeded the value of the `scd_poolfull_check_count` operand.

aa....aa: Name of the server for which memory became insufficient

S: Continues processing.

Countermeasure: If an error has occurred on the server, take countermeasures and restart the server.

If an error has not occurred on the server, increase either the message storage buffer pool or the process count of the server so that service requests will not accumulate.

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If the error recurs, contact maintenance personnel.

KFCA00854-E (L+E)

```
insufficient memory in message buffer pool. server=aa...aa
QUECNT=bb...bb POOL_SIZE=cc...cc FREE_POL=dd...dd MSG_SIZE=ee...ee
```

Message from the client cannot be stored due to insufficient memory in the message buffer pool.

aa...aa: Name of the server for which memory becomes insufficient. (Up to eight alphanumerics)

bb...bb: Number of service requests remaining in the schedule queue. (Up to six decimal digits)

cc...cc: Size of the entire message storage buffer pool. (Up to eight decimal digits)

dd...dd: Size of the unused part of the message storage buffer pool. (Up to eight decimal digits)

ee...ee: Size of the message that could not be stored. (Up to eight decimal digits)

S: Stops processing.

Countermeasure: If an error occurs in the server, take countermeasures and retry. If no error has occurred, increase either of the following values. If necessary, see the examples of errors and the investigation procedure in the manual *OpenTP1 Operation*.

- Length of the schedule message storage buffer pool

  Specification of the `message_store_buflen` operand in the server definition. If a message buffer group is used, this is the specification of the `scdbufgrp` definition command in the schedule service definition of the server.

- Process count of the server

  Specification of the `parallel_count` operand in the server definition

If this message appears again after taking the above action, contact maintenance personnel.

KFCA00855-E (L+E)

```
insufficient memory. required area size: aa...aa bytes, area type:
bb...bb
```

aa...aa: Required memory size. (Up to ten numerals)

bb...bb: Type of the insufficient memory area. (Up to 15 alphanumerics)

STATIC_SHMPOOL: Static shared memory

DYNAMIC_SHMPOOL: Dynamic shared memory

PROCESS: Process-specific memory

S: Stops processing.

Countermeasure: If the shared memory area is insufficient, check and correct the specified definition value and retry. If the process-specific memory area is insufficient, check the number of processes and retry. If the error recurs, contact the maintenance personnel.

KFCA00856-E (L+E)

```
program versions of scheduler library and scheduler daemon do
not match.
```

S: Stops processing.

Countermeasure: Re-create the user server using the library offered from the current OpenTP1, and restart. If the error recurs, contact the maintenance personnel.

KFCA00857-E (L+E)

```
unmatched version found during scheduler processing. version
type=aa...aa
```

aa...aa: Type of unmatched version

TABLE: Table version

REQUEST: Service request header version

COMMAND: Command version

STATUS: Status file version

HOLD: Hold file version

QUEUE: Queue information file version

NAMDATA: Name server registered information version

S: Stops processing.

Countermeasure: Investigate and correct, if necessary, the environment of the current OpenTP1. Then, restart the OpenTP1.

KFCA00858-W

```
schedule service is delayed. server name: aa...aa, local pid:
bb...bb, working pid: cc...cc, information: dd...dd,
ee...ee,ff....ff,gg....gg,hh....hh,ii...ii
```

The schedule service is experiencing heavy load, or the schedule service processing of another process is delayed, so the processing of the schedule service is delayed on the server.

aa...aa: Name of the server where the schedule service is running (up to nine alphanumeric characters).

bb...bb: ID of the process for which the schedule service is delayed (up to five digits).

cc...cc: ID of the process executing the schedule service (up to five digits).

dd...dd: Relative address of the server management table (up to 10 hexadecimal characters).

ee...ee: ID of the thread in which the schedule service is delayed (up to 10 digits).

ff....ff: Current value for the number of concurrent services in the process that is processing the schedule service (a one-digit or two-digit number).

> Depending on the process processing the schedule service, the system may be unable to display this information.

gg....gg: Peak value for the number of concurrent services in the process that is processing the schedule service (a one-digit or two-digit number).

> Depending on the process processing the schedule service, the system may be unable to display this information.

hh....hh: Amount of time for which the running process is to be run on this server (up to 10 digits).

ii...ii: Peak value for the amount of time for which the start of the process at this server is delayed (up to 10 digits).

S: Continues processing. If the delay of the schedule service lasts for a long time, this message may appear more than once.

Countermeasure: If this message is output from the same process more than once and the working process ID (*cc...cc*) is that of the system server process of OpenTP1, contact the maintenance personnel.

> If the working process ID (*cc...cc*) is for a user server process or a command process, forcibly terminate the process, collect the dump to a core file, and then contact the maintenance personnel.

KFCA00878-W (L+E)

```
The type of service group is incorrect. type:aa....aa
function:bb....bb
```

A function was issued that cannot be issued by the service group type specified by the `type` operand in the user service definition or user service default definition.

aa....aa: Service group type specified by the `type` operand in the user service definition or user service default definition (up to 8 alphanumeric characters)

bb....bb: Name of the issued function (`dc_rpc_mainloop` or `dc_mcf_mainloop` function)

S: Continues processing.

Countermeasure: Perform any of the following operations:

- Revise the value specified for the `type` operand in the user service definition or user service default definition.

- Revise the value specified for the `module` operand in the user service definition or user service default definition.

- Revise the UAP processing.

KFCA00880-I (E+S)

```
usage: scdls [-{a | s server name | ac | s server name -c | b
[schedule buffer group name] | p}]
```

This message indicates how to use the scdls command that displays the schedule status. It is output when `-h` is specified in the command option or when usage of the command option or argument is incorrect.

S: Stops command processing if command usage is incorrect.

O: Enter the correct command if command usage is incorrect.

KFCA00881-I (E+S)

```
usage: scdhold -{a | ap | s server name[-c service name] | s
server name -p}
```

This message indicates how to use the scdhold command that places the schedule in the shutdown state. It is output when `-h` is specified in the command option or when usage of either the command option or argument is incorrect.

S: Stops command processing if command usage is incorrect.

O: Enter the correct command if command usage is incorrect.

KFCA00882-I (E+S)

```
usage: scdrles -{a[p] | s server name [-c service name | -p]}
```

This message indicates how to use the scdrles command that restarts the schedule. It is output when -h is specified in the command option or when usage of either the command option or argument is incorrect.

S: Stops command processing if command usage is incorrect.

O: Enter the correct command if command usage is incorrect.

KFCA00883-I (E+S)

```
usage: scdchprc -{a|s server name} [-p stand process count
[,maxprocess count]]
```

This message displays the usage of the scdchprc command.

KFCA00884-I (E+S)

```
usage: scdrsprc {-s server name | -a}
```

This message shows how to use the scdrsprc command. This message is output when -h is specified as a command option or when the command is used incorrectly.

S: Cancels command processing when the command is used incorrectly.

Countermeasure: When the command is used incorrectly, reenter the command correctly.

KFCA00890-E (E)

```
error occurred during scheduler command processing. reason
code=aa...aa, command=bb...bb
```

aa...aa: Reason code indicating the contents of error. (Up to ten numerals) The following table shows the reason codes and countermeasures.

bb...bb: Command name (Up to nine alphanumerics)

S: Stops command processing.

O: Take countermeasures according to the reason code and enter the command.

Reason code	Meaning	Countermeasures
4	Communication error	Take countermeasures according to the error message, if any, that was output before this message. Then, reenter the command.

Reason code	Meaning	Countermeasures
5	Program version unmatched	Check and correct the versions of the OpenTP1 libraries. Then, reenter the command.
7	Resident process cannot be started.	Take corrective action as follows: (1)Check and correct the number of processes specified in the prc_process_count operand in the process service definition. (2)Check and correct the number of processes for the OS. (3)Enter the dcsvstart command.
21	Status file access error	Shutdown or shutdown release processing has been completed. However, shutdown hold processing failed. Take countermeasures according to the error message, if any, that was output before this message. Then, reenter the command.
22	Number of shutdown servers/services exceeded	Shutdown or shutdown release processing has been completed. However, shutdown hold processing failed. Check the value specified for the scd_hold_recovery_count operand in the schedule service definition and increase the value. Then, restart OpenTP1.
31	Insufficient memory	Check and correct the size of the statically shared memory in the system environment definition, and then reenter the command. For the scdhold or scdrles command, apply one of the following countermeasures according to the operating state: • Specify service_hold=N in the user service definition. • Specify hold_recovery=N in the user service definition. • For the number of services per server, set a value of 64 or less.
32	Timeout	Take countermeasures according to the error message, if any, that was output before this message. Then, reenter the command. If it was output, decrease the system load and reenter the command. If the error recurs, contact the OpenTP1 administrator.
33	Definition analysis error	Take countermeasures according to the error message, if any, that was output before this message. Then, reenter the command.
34	Shutdown management is not allowed in service units.	A service shutdown request was issued to a server for which service shutdown management is not specified (service_hold=N) in the user service definition. If shutdown management in service units is required, check the service_hold operand in the user service definition then enter the dcsvstop and dcsvstart commands, in this order. Then, reenter the scdhold command or the scdhold or scdrles command.
35	The server was not placed in the shutdown state by specification of the -p option.	The specified server was not placed in the shutdown state with the -p mode. For a specification error, specify the service name correctly, then enter the scdrles command.

KFCA00891-E (E)

`aa...aa command is used invalidly.`

aa...aa: Command name (Up to nine alphanumerics)

S: Stops command processing.

O: Reenter the command correctly.

KFCA00892-E (E)

`scheduler inoperable; cannot execute` *aa...aa* `command.`

Command cannot be executed because scheduler is not started or is being terminated.

aa...aa: Command name (Up to nine alphanumerics)

S: Stops command processing.

O: After the system is started, reenter the command.

KFCA00893-E (E)

`server name, service group name, or service name specified by` *aa...aa* `command is invalid.`

The specified server name, service group name, or service name is invalid for one of the reasons listed below. Therefore, the command cannot be executed.

1. The specified server is not operating under the scheduler.

2. The scdhold, scdrles, or scdls command was entered for a server or service (such as MHP, system service, and debugger-linked server) which cannot execute the scdhold, scdrles, or scdls command.

3. The specified service name is not found for the specified server.

aa...aa: Command name. (Up to nine alphanumeric characters)

S: Stops command processing.

O: Check whether the specified server name, service group name, or service name is correct.

   If necessary, specify a server name, service group name, or service name. Then, reenter the command.

KFCA00894-E (E)

program versions of scheduler *aa...aa* command and scheduler daemon
do not match.

aa...aa: Command name (Up to nine alphanumerics)

S: Stops processing.

Countermeasure: Check that the command is offered from the current OpenTP1, take
countermeasures, and reenter the command. If the error recurs, contact the
maintenance personnel.

KFCA00895-E (E)

failed in placing all servers in shutdown state; for details of
failed servers, see message KFCA0082I-E or KFCA00846-W in log
file.

An error occurred while placing all servers in the shutdown state using the scdhold
command.

S: Terminates command processing.

O: Take countermeasures according to the reason code in log file *KFCA00821-E*, or
KFCA00846-W message, and reenter the command.

KFCA00896-E (E)

failed in restarting all servers from shutdown state; for
details of failed servers, see message KFCA00826-E or
KFCA00846-W in log file.

An error occurred while restarting all servers from the shutdown state using the scdrles
command.

S: Terminates command processing.

O: Take countermeasures according to the reason code in the log file *KFCA00826-E*,
or *KFCA00846-W* message, and reenter the command.

KFCA00897-E (E)

server or service specified with scdhold command is already in
shutdown state.

S: Stops command processing.

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KFCA00898-E (E)

server or service specified with scdrles command is not in
shutdown state.

S: Stops command processing.

KFCA00900-I

communication protocol error occurred. state=*aaaaaa*, request
code=*bbbbb*, branch number=*ccccc*, server=*dddddd*

A protocol error occurred during communication of transaction processing.

aaaaaa: OpenTP1 internal code (status code)

bbbbbb: OpenTP1 internal code (request code)

ccccc: OpenTP1 internal code (branch number)

dddddd: Server name

Countermeasure: Perform any of the following:

- See the manual *OpenTP1 System Definition* and other relevant manuals to adjust parameters of RPC and socket-related communication.

- Increase the parallel count of the user server definition.

- Check the load on the network that contains the server.

- Incorrect service group name or service name may be specified in dc_rpc_call. Check the user program.

KFCA00901-W (L+E)

error occurred in open processing on resource manager. server
name: *aa...aa*, resource manager name: *bb...bb*, return code=*cc...cc*

An error occurred in open processing (xa_open function) on the resource manager, performed when the server was started or terminated, or when a transaction was recovered.

This message (reason code=-3) is output to indicate that the resource manager is not available when:

- The resource manager registered in OpenTP1 is not started.

- The resource manager terminated prior to the OpenTP1 transaction manager.

    To access the resource manager, restart it.

aa...aa: Name of the server where the error occurred. (Up to eight alphanumeric characters)

bb...bb: Name of the resource manager where the error occurred + Resource manager extension. (Up to 33 alphanumeric characters)

cc...cc: Return code for the open processing (xa_open function) executed on the resource manager

S: Continues processing without performing open processing (xa_open) for the resource manager where the error occurred.

> If the name of the server where the error occurred is _trnrcv, transaction branch recovery processing is not performed for the resource manager where the error occurred. Apply suitable countermeasures immediately. (Transaction recovery processing is retried at regular intervals.)

O: If the return code for this message and the maintenance information for the resource manager are available, remove the cause of the error by referring to that information. If it has not yet been started, start the resource manager where the error occurred. If the error occurred due to resource manager resource shortage, reduce the load incurred by the user servers accessing the resource manager. Alternatively, reduce the number of processes on the user server that access the resource manager. Or, modify the resource manager definition to increase the resource manager resources.

KFCA00903-E (L+E)

```
resource manager bb...bb registered in server aa...aa not registered
in the OpenTP1 system
```

Server startup failed for one of the following reasons:

- The resource manager registered in the server is not registered in the OpenTP1 system.
- The XA switch of the resource manager, linked to the server, is invalid.

aa...aa: Name of the server where the error occurred. (Up to eight alphanumeric characters)

bb...bb: Name of the resource manager where the error occurred.

S: Stops server start processing. Stops startup of the OpenTP1 system if the server is a transaction server (_trnrcv or _trnrm).

O: Execute the trnlsrm command to check the resource managers registered in the OpenTP1 system and the server.

> If the resource manager where the error occurred is not registered in the OpenTP1 system, terminate OpenTP1 and execute the trnlnkrm command. After registration, restart OpenTP1.

If it is already registered, check the related objects of the resource manager, then specify the correct XA switch for the user server. After linkage, restart it.

KFCA00904-E (L+E)

```
error occurred when obtaining resource manager open and close
character string. file: aa...aa, line=bb...bb, option: cc, reason
code=dddd
```

An error occurred when obtaining a resource manager access character string and extension (trnstring definition command operand or trnrmid definition command operand analysis) from the definition file (transaction service definition, user service definition, or user service default definition) when the system or UAP started.

aa...aa: Name of the definition file where the error occurred. (Up to twelve alphanumeric characters)

bb...bb: Number of the definition line where the error occurred.

If no definition exists, 0 is displayed.

cc: Name of the definition option where the error occurred.

If no definition exists, asterisk (*) is displayed.

dddd: Code indicating details of the error.

The following table lists reason codes and their corresponding countermeasures.

S: Stops the startup of OpenTP1 or UAP.

O: Check and correct the trnstring or trnrmid command definition in the definition file indicated by the file name given by the line number. Then, restart OpenTP1 or the server.

Reason code	Meaning	Countermeasures
0001	Insufficient process memory	Reduce the number of processes then restart the server. If the error recurs, contact the maintenance personnel.
0006	Invalid argument	Specify a valid argument then restart the server.
0011	Invalid resource manager extension	The extension for the resource manager specified in the trnrmid definition command is not specified in the trnstring definition command in the transaction service definition. Check and correct the user service definition or user service default definition. Then, restart the server.

Reason code	Meaning	Countermeasures
0012	Extension for resource manager does not exist.	The extension for the resource manager is specified in the `trnstring` definition command in the transaction service definition, but the server definition does not include the `trnrmid` definition command. Check and correct the user service definition or user service default definition. Then, restart the server.
0033	Invalid RM information database file	Apply suitable countermeasures as indicated for the error message, if any, output immediately before this message. If the error recurs, contact the maintenance personnel.
0153	File manipulation failure	

KFCA00905-E (L+E)

```
error occurred in transaction service function. server name:
aa...aa, reason code=bb...bb, function: cc...cc
```

aa...aa: Name of the server where the error occurred. (Up to eight alphanumeric characters)

bb...bb: Code indicating details of the error.

The following table lists reason codes and their corresponding countermeasures.

cc...cc: Function name of the transaction service where the error occurred (maintenance information) (may differ from the OpenTP1 function issued by the server)

S: Continues processing whenever possible. Otherwise, returns with an error issued by the server. Aborts the process if the function cannot be returned with an error.

O: Apply an appropriate countermeasure, referring to the reason code list. Then, restart the server.

Reason code	Meaning	Countermeasures
0001	Invalid argument	Check and correct the argument, then re-execute.
0002	Invalid protocol	If the OpenTP1 function issue order is invalid, check and correct the program then re-execute. If the transaction service has not yet been started or is being terminated, start OpenTP1 then re-execute.

Reason code	Meaning	Countermeasures
0003	Version mismatch (the versions of the transaction service library and the executable program do not match)	Check and correct the execution environment then re-execute.
0004	Cannot allocate a process area.	Terminate unnecessary processes then re-execute.
0005	Insufficient tables (the allocation of tables for transaction control failed)	If the number of concurrently executing transaction branches exceeds the value specified in the trn_tran_process_count operand of the transaction service definition, re-execute once the other transaction branches terminate. The number of dc_rpc_call's which can be issued between a transaction starting and a commit (maximum number of transaction branches which can be created) is equal to or less than the value specified in the trn_max_subordinate_count operand of the transaction service definition. If this value is exceeded, correct the program and re-execute.
0006	Shared memory access error	Check and correct the program then re-execute.
0007	Execution environment setting error	Terminate any unnecessary processes then re-execute.
0008	Executing a local transaction.	Check and correct the program then re-execute.
0009	Transaction not terminated.	
0010	Invalid request (the requested transaction property is not supported).	
0011	An error occurred when xa function was issued in the resource manager.	Check and correct the execution environment for the resource manager then re-execute.
0012	Transaction uniquely determined when xa function was issued in the resource manager.	Check any resource which was accessed by all transaction branches in a global transaction.

Reason code	Meaning	Countermeasures
0013	Invalid function issue condition (the static resource manager issued the dynamic xa function).	Check and correct the execution environment for the resource manager then re-execute.

KFCA00906-E (L+E)

```
error occurred while accessing resource manager.
server: aa...aa, resource manager: bb...bb, reason code=cccc, error
return code of XA function=dd...dd
```

An error occurred when accessing the resource manager.

aa...aa: Name of the server where the error occurred. (Up to eight alphanumeric characters)

bb...bb: Name of the resource manager where the error occurred + Resource manager extension. (Up to 33 alphanumeric characters)

cccc: Code indicating the details of the error.

The following table below lists reason codes and their corresponding countermeasures.

dd...dd: Return code of the xa function (up to 11 alphanumeric characters)

(When the error is not due to the xa function, asterisk (*) is displayed.)

S: Stops the startup of the OpenTP1 system or UAP.

O: Apply an appropriate countermeasure by referring to the list of reason codes, then restart OpenTP1 or the server. If necessary, see the examples of errors and the investigation procedure in the manual *OpenTP1 Operation*.

Reason code	Meaning	Countermeasures
0001	Invalid RM switch	The linked XA interface switch is not the XA switch of the resource manager. Or, in the server definition, the trnrmid definition command is specified for the resource manager which is not linked with the XA interface switch. Specify the correct XA switch to re-create the server, or correct the user service definition or user service default definition. Then, restart the server.
0002	xa_open function error	The transaction cannot be started because the xa_open function in the resource manager caused an error. Check and correct the state of the resource manager then restart the server.

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Reason code	Meaning	Countermeasures
0003	xa_start function error	The transaction cannot be started because the xa_start function in the resource manager caused an error. Check and correct the state of the resource manager then restart the server.
0004	xa_close function error	The xa_close function of the resource manager failed. OpenTP1 continues processing. Check the state of the resource manager then take countermeasures.
0005	Return of xa function	When the xa function is issued to the resource manager, it returned an invalid value. Check the state of the resource manager and take countermeasures. The transaction manager retries transaction recovery periodically.

KFCA00907-E (L+E)

error on XA function of resource manager. server: *aa...aa*, resource manager: *bb...bb*, XA function: *cc...cc*, return code=*dd...dd*, action: *ee...ee*

At the execution of a transaction, the XA function, which was issued for the resource manager, has returned abnormally.

If possible, the transaction will be determined. If not possible, however, the corresponding server or OpenTP1 system will terminate abnormally. If another XA function error occurs during the recovery processing after the abnormal end, execution will follow the specification of the trn_processing_in_rm_error operand in the transaction service definition.

If there is any failure with the resource manager, take corrective action. This can happen when the transaction control function of the resource manager that is engaged in XA linkage is used under the transaction control of OpenTP1. It can also happen when a function disabled by the resource manager is used during the XA linkage. In other words, such failures are caused by a discrepancy between resources. If this occurs, check all the resources.

This message is followed by an output of detailed failure information in the *KFCA00908-E* message.

aa...aa: Server name (up to 8 alphanumeric characters) with the error

bb...bb: Resource manager name with the error plus the resource manager extension (up to 33 alphanumeric characters)

cc...cc: XA function name (up to 32 alphanumeric characters) with the error

dd...dd: Return code for the XA function

ee...ee: What OpenTP1 does terminate: Commits the transaction or rolls it back.

> server down: Aborts the corresponding server.

> system down: Brings the OpenTP1 system to a forced end.

> retry: Makes a retry to determine the transaction.

> force: Solves the transaction by ignoring the affected resource manager.

S: If possible, the transaction will be determined. If not possible, however, the corresponding server or OpenTP1 system will terminate abnormally. If another XA function error occurs during the recovery processing after the abnormal end, execution will follow the specification of the trn_processing_in_rm_error operand in the transaction service definition.

O: If the corresponding server or OpenTP1 terminates abnormally, check the conditions of all resources accessed within the corresponding global transaction in accordance with the *KFCA00908-E* and other messages, as well as this message. In case there is a discrepancy between resources, place the affected resource manager under access-disable condition before taking corrective action such as recovering the resource. If necessary, see examples of errors and the investigation procedure in the manual *OpenTP1 Operation*.

KFCA00908-E (L+E)

```
error information: TRNGID=aaaaaaaabbbbbbbb, TRNBID=aaaaaaaacccccccc,
XID=dd...dd, RMID=ee...ee, flags=ff....ff
```

This indicates the detailed failure information shown in the *KFCA00907-E* message. Use this message, as necessary, when troubleshooting or recovering the resource manager or resources.

TRNGID: Transaction global identifier

TRNBID: Transaction branch identifier

aaaaaaaa: OpenTP1 system node ID (string of eight characters)

bbbbbbbb: Global transaction number (string of eight hexadecimal characters)

cccccccc: Transaction branch number (string of eight hexadecimal characters)

dd...dd: Identifier (up to 140 alphanumeric characters) of the transaction with the error

> xid specified in the argument of the affected XA function

ee...ee: Identifier of the resource manager with the error

> rmid specified in the argument of the affected XA function

ff....ff: Flags specified in the argument of the affected XA function

S: Continues processing.

O: Take corrective action according to the *KFCA00907-E* message that was output immediately before this message.

KFCA00910-E (E)

```
error occurred in AX function. server: aa...aa, communication
resource manager: bb...bb, AX function: cc...cc, reason code: dd...dd
```

aa...aa: Server name with the error

bb...bb: Resource manager name with the error plus the resource manager extension

cc...cc: AX function name

dd...dd: Reason code

S: Continues processing.

O: Take action according to the reason code.

Reason code	Meaning	Countermeasure
0001	Invalid execution environment	Specify Y for the trn_crm_use clause of the transaction service definition to enable the AX function.

KFCA00911-I (S)

```
creation of aa...aa file started.
```

The creation of an executable program for transaction service control, or an object for transaction control, has been started.

aa...aa: Name of file whose creation has been started. (Up to twelve alphanumeric characters)

KFCA00912-I (S)

```
creation of aa...aa file completed.
```

The creation of an executable program for transaction service control, or an object for transaction control, has been completed.

aa...aa: Name of the file whose creation has been completed. (Up to twelve alphanumeric characters)

KFCA00916-I (E+S)

```
usage: trnlnkrm {[-A OpenTP1-RM to be added[,OpenTP1-RM to be
added]...] [-D OpenTP1-RM to be deleted[,OpenTP1-RM to be
deleted]...] [-d another RM to be deleted[,another RM to be
deleted]...] [-a another RM to be added[,another RM to be
added]... -s RM switch[,RM switch]... -o 'RM-related object[
RM-related object]...'[,'RM-related object[ RM-related
object]...']...]|[-n]} [-C 'compile option[ compile
option]...'] [-B 'linkage option[ linkage option]...'] [-l] [-P]
[-f]
```

This message indicates the trnlnkrm specification format. It is output when:

- All command options are omitted;

- -h is specified for a command option;

  or,

- A command option or argument is not specified correctly.

S: Stops processing of a command if its specification format is incorrect.

O: If the specification format is incorrect, reenter the command.

KFCA00917-I (E+S)

```
usage: trnmkobj -o object for transaction control [-R OpenTP1
RM[,OpenTP1 RM]...] [-r another RM[,another RM]...] [-C 'compile
option[ compile option]...'] [-l] [-P]
```

This message indicates the trnmkobj specification format. It is output when:

- -h is specified for a command option;

- A command option or argument is not specified correctly;

  or,

- All command options are omitted.

S: Stops processing of a command if its specification format is incorrect.

O: If the specification format is incorrect, reenter the command.

KFCA00918-I (E+S)

```
usage: trnlsrm [-o file[,file]...] [-s]
```

This message indicates the trnlsrm specification format. It is output when:

- -h is specified for a command option;

  or,

- A command option or argument is not specified correctly.

S: Stops processing of a command if its specification format is incorrect.

O: If the specification format is incorrect, reenter the command.

KFCA00921-E (E)

cannot execute *aa...aa* command because OpenTP1 system is in a state
where it cannot execute commands registered in resource manager
(online state or restart wait state) or is executing another
command registered in resource manager.

aa...aa: Name of the command which caused the error. (Up to eight alphanumeric
characters)

S: Stops command processing.

O: Reenter the command once the OpenTP1 system terminates or another command,
registered in the resource manager, terminates.

> To execute the trnlnkrm command while the OpenTP1 system is in the rerun wait
> state, reenter the command with the -f option specified. (Note, however, that the
> OpenTP1 system must be started normally after normal termination of the
> command.)

KFCA00922-E (E)

number of resource managers registered in OpenTP1 system exceeds
32.

S: Stops command processing.

O: Use the trnlsrm command to check which resource managers are registered in the
OpenTP1 system. Delete any unnecessary registered resource managers.

KFCA00923-E (E)

specified resource manager *aa...aa* is already registered in OpenTP1
system.

aa...aa: Name of the resource manager which caused the error

S: Stops command processing.

O: Use the trnlsrm command to check which resource managers are registered in the
OpenTP1 system. For a specification error, specify the resource manager name

correctly then reenter the command.

KFCA00924-E (E)

```
specified resource manager aa...aa not registered in the OpenTP1
system.
```

The resource manager specified for deletion by the trnlnkrm command or the resource manager specified by the trnmkobj command is not registered in the OpenTP1 system.

aa...aa: Name of the resource manager which caused the error

S: Stops command processing.

O: Use the trnlsrm command to check which resource managers are registered in the OpenTP1 system. For a specification error, specify the resource manager name correctly then reenter the command.

KFCA00925-E (E)

```
invalid argument bb...bb specified with aa...aa command
```

The command cannot be executed because the specified argument is invalid.

aa...aa: Name of the command which caused the error. (Up to eight alphanumeric characters)

bb...bb: Invalid argument

S: Stops command processing.

O: Specify the argument correctly then reenter the command.

KFCA00926-E (E)

```
invalid number of arguments specified with aa...aa command option:
b
```

The command cannot be executed because an invalid number of arguments has been specified.

aa...aa: Name of the command which caused the error. (Up to eight alphanumeric characters)

bb...bb: Name of the option having the invalid number of arguments

S: Stops command processing.

O: Specify the arguments correctly then reenter the command.

KFCA00931-W (L+E)

error occurred in open processing on resource manager. action: *aa...aa*

An error occurred while the xa_open function was opening a resource manager not provided by OpenTP1. OpenTP1 takes an action according to the specification of the trn_wait_rm_open operand in the transaction service definition.

aa...aa: Indicates the action that OpenTP1 takes.

RETRY: OpenTP1 reissues the xa_open function based on the retry interval and retry count specified in the trn_retry_interval_rm_open and trn_retry_count_rm_open operands.

STOP: OpenTP1 stops its startup processing.

KFCA00932-I (L+E)

resource manager *aa...aa* is successful in open processing.

A retry to issue the xa_open function for opening the resource manager not provided by OpenTP1 succeeded.

aa...aa: Name of the resource manager that could be opened by the xa_open function + the extension for the resource manager

KFCA00933-W (L+E)

exceed retry count in open processing on resource manager. action: *aa...aa*

OpenTP1 repeated an attempt to issue the xa_open function for opening the resource manager not provided by OpenTP1 until reaching the retry count. Since the retry count has been reached, OpenTP1 will act according to the specification of the trn_wait_rm_open operand in the transaction service definition.

aa...aa: Indicates the action that OpenTP1 takes.

CONTINUE: OpenTP1 continues its startup processing, ignoring the xa_open function error.

STOP: OpenTP1 stops its startup processing.

KFCA00934-E (L+E)

resource_manager is rollbacked when make to commit transaction. server: *aa...aa*, service: *bb...bb*

When the xa_commit() function was issued to commit a transaction, it returned a return code indicating that the resource manager was rolled back.

OpenTP1 will act according to the specification of the trn_xa_commit_error operand in the transaction service definition. If this message appears, both the committed resource manager and the rolled back resource manager exist, and as such, resource integrity may be compromised. If necessary, see also the *KFCA00907-E* and *KFCA00908-E* messages that are output after all other messages.

aa...aa: Name of the server where the error occurred (up to 8 alphanumeric characters)

bb...bb: Name of the service that executed the transaction

S: Acts according to the trn_xa_commit_error operand in the transaction service definition.

O: Investigate the resource manager where the error occurred.

KFCA00935-I (L+C)

The XAR session time has expired. TRNGID=*aaaaaaaabbbbbbbb*, TRNBID=*aaaaaaaaccccccccc*, maintenance information: *dd...dd*, *ee...ee*, *ff....ff*

OpenTP1 rolls back the in-process transaction branch because the number of seconds specified in the xar_session_time operand in the XA resource service definition has expired.

TRNGID: Transaction global identifier

TRNBID: Transaction branch identifier

aaaaaaaa: Transaction system node ID (string of eight characters)

bbbbbbbb: Global transaction number (string of eight hexadecimal characters)

cccccccc: Transaction branch number (string of eight hexadecimal numbers)

dd...dd: Maintenance information 1

ee...ee: Maintenance information 2

ff....ff: Maintenance information 3

KFCA00936-W (L+C)

The xa_recover function was not issued because the xa_open function issued for resource manager *aa...aa* failed. (RM ID = *bb...bb*, process ID = *cc...cc*, return code = *dd...dd*)

For the resource manager registered in OpenTP1, the xa_open function failed for the resource manager for which the -r option of the trnstring command in the transaction service definition is specified. As a result, the xa_recover function is not

issued to this resource manager.

aa...aa: Resource manager name

bb...bb: Resource manager identifier

cc...cc: Process ID of the transaction recovery process

dd...dd: Return value of the `xa_open` function

KFCA00937-I (L+C)

```
The xa_recover function was issued for resource manager aa...aa.
(RM ID= bb...bb, process ID = cc...cc)
```

The `xa_recover` function is issued to the resource manager that is registered in OpenTP1 and for which the `-r` option of the `trnstring` command is specified in the transaction service definition.

aa...aa: Resource manager name

bb...bb: Resource manager identifier

cc...cc: Process ID of the transaction recovery process

KFCA00938-I (L+C)

```
The xa_recover function returned from resource manager aa...aa. (RM
ID = bb...bb, process ID = cc...cc, return code = dd...dd)
```

The `xa_recover` function returned with an error from the resource manager that is registered in OpenTP1 and for which the `-r` option of the `trnstring` command is specified in the transaction service definition.

aa...aa: Resource manager name

bb...bb: Resource manager identifier

cc...cc: Process ID of the transaction recovery process

dd...dd: Return value of the `xa_recover` function

KFCA00939-W (L+C)

```
Recovery processing of a corresponding transaction was skipped
so that a xa_recover function will not return from resource
manager aa...aa. (RM ID = bb...bb, maintenance information = cc...cc)
```

No response is sent from the resource manager that is registered in OpenTP1 and for which the `-r` option of the `trnstring` command is specified in the transaction service definition. Correct the cause of the error in the resource manager, and then make sure

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that the resource manager is started correctly.

aa...aa: Resource manager name

bb...bb: Resource manager identifier

cc...cc: Time that has elapsed since the `xa_recover` function was issued (unit: seconds)

KFCA00940-I (L+E)

```
now preparing for transaction recovery service.
```

KFCA00941-I (L+E)

```
transaction recovery service started.
```

KFCA00942-I (L+E)

```
now terminating transaction recovery service.
```

KFCA00943-I (L+E)

```
transaction recovery service terminated.
```

KFCA00944-I (L+C)

```
The pre-online transaction recovery function has started.
```

Determination of the undecided transaction starts for a resource manager for which the `-m` option is specified in the `trnstring` command format definition.

KFCA00945-I (L+E)

```
now preparing for transaction resource manager monitoring
service.
```

KFCA00946-I (L+E)

```
transaction resource manager monitoring service started.
```

KFCA00947-I (L+E)

```
now terminating transaction resource manager monitoring service.
```

KFCA00948-I (L+E)

```
transaction resource manager monitoring service terminated.
```

KFCA00949-I (L+C)

The *pre-online* transaction recovery function has ended.

Determination of the undecided transaction ended for a resource manager for which the -m option is specified in the trnstring command format definition.

KFCA00950-I (L+E)

```
now preparing for transaction service.
```

KFCA00951-I (L+E)

```
now recovering transaction service.
```

KFCA00952-I (L+E)

```
transaction service started.
```

KFCA00953-I (L+E)

```
now terminating transaction service.
```

KFCA00954-I (L+E)

```
transaction service terminated.
```

KFCA00955-E (L+E)

```
cannot start transaction service. reason code=aaaa
```

Transaction service cannot be started because an error indicated by the reason code occurred when starting or restarting the transaction service.

aaaa: Reason code (four numerals)

The reason codes and countermeasures are listed below.

S: Terminates OpenTP1 abnormally.

Countermeasure: Take action according to the reason code and then restart OpenTP1

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes and then restart OpenTP1. If the error recurs frequently, contact maintenance personnel.
0002	Failure in reading system-RM connection definition	Contact maintenance personnel.
0010	Number of RMs beyond the defined limit	
0011	Resource manager registered state is invalid	The transaction service cannot be restarted after the resource manager registered state has been changed (after the trnlnkrm command has been executed). Start OpenTP1 normally. When switching function is in use, the registered statuses of the current and standby resource managers may differ. If they differ, execute the trnlnkrm command to match the registered statuses of the current and standby resource managers, then switch the resource manager.
0012	Version mismatch	The format version of the journal, checkpoint dump, or status file used when the transaction service is restarted does not match that of the transaction executable program. Start OpenTP1 normally.
0052	File manipulation failure	Check the cause of the failure according to the reason code of the *KFCA00966-E* message, then take appropriate corrective action.
0060	Executing an RM-registered command.	Once RM-registered command processing terminates, restart OpenTP1.
0061	Error occurred while executing an RM-registered command.	Execute the RM-registered command. Once processing terminates, restart OpenTP1.
0100	Insufficient shared memory	Estimate the shared memory and re-set the appropriate value for the size of the statically shared memory in the system environment definition. Then, start OpenTP1.
0200	Error during start processing for definition analysis	Take action according to the previously output error message if any.
0201	Failure in analyzing transaction service definitions	
0300	Communication error	

Reason code	Meaning	Countermeasure
0600	Failure in registering service information for name service	
0601	name_port operand changed	The `name_port` operand in the system common definition is changed when OpenTP1 is restarted. The name_port operand must not be changed when OpenTP1 is restarted. Restart OpenTP1 with the previous by specified value, or start OpenTP1 normally.
1000	Status file read failure	Take action according to the previously output error message if any.
1001	Status file write failure	
1002	Status record allocation failure	
1100	Error when starting journal service	
1800	Failure in starting the resource manager monitoring or recovery process	
1801	Error when reporting server completion to the system manager	
1802	Failure upon stopping the resource manager monitoring or recovery process	
2100	Error during reserved processing for obtaining checkpoint dump	
2101	Checkpoint dump write failure	
2102	Checkpoint dump read failure	
2200	Journal read failure	
2300	Pre-online recovery processing interrupted	Check and correct the value of `trn_start_recovery_watch_time`, and then restart OpenTP1. If the error still occurs frequently, contact maintenance personnel.

KFCA00956-E (L+E)

```
error occurred while terminating transaction service; continues
processing. reason code=aaaa
```

aaaa: Reason code (four numerals)

The reason codes and countermeasures are listed below.

Countermeasure: Take action according to the reason code and countermeasure.

Reason code	Meaning	Countermeasure
001	Insufficient process memory	Reduce the number of processes and then restart OpenTP1. If the error recurs frequently, contact maintenance personnel.
0300	Communication error	Take action according to the previously output error message if any.
0601	Failure in deleting service information for name service	
1001	Status file write failure	
1003	Status record release failure	
1101	Error when terminating journal service	
2101	Checkpoint dump write failure	

KFCA00957-W (L+E)

```
transaction service definition cannot be changed at transaction
service restart.
```

Processing continues assuming the definition used at the previous normal start.

S: Continues processing.

Countermeasure: If the definition is to be changed, terminate the system normally. After changing the definition, restart the system normally.

KFCA00958-I (L+E)

```
system is terminating; stops receiving new transactions.
```

The system stops receiving new transactions when a planned termination instruction is given to the system. The transaction service prepares for termination processing.

KFCA00959-E (L+E)

```
resource manager registered state cannot be changed at
transaction service restart
```

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OpenTP1 cannot be restarted if the resource manager registered in OpenTP1 is changed by executing the trnlnkrm command.

S: Terminates OpenTP1 abnormally.

O: Start OpenTP1 normally.

KFCA00960-I

```
valid transaction branch exists. TRNGID=aaaaaaaabbbbbbbb,
TRNBID=aaaaaaaacccccccc, server=dd...dd, service=ee...ee factor=ff....ff
indicator=gg....gg
```

There is a transaction branch that cannot be recovered.

TRNGID: Transaction global identifier

TRNBID: Transaction branch identifier

aaaaaaaa: Transaction system node ID (8-digit character string)

bbbbbbbb: Global transaction number (8-digit hexadecimal character string)

cccccccc: Transaction branch number (8-digit hexadecimal character string)

dd...dd: Server name (character string consisting of up to 8 characters)

ee...ee: Service name (character string consisting of up to 32 characters)

ff....ff: Cause of the failure in recovery

    RM: Resource manager

    SUPERIOR: Parent transaction branch

    SUBORDINATE: Child transaction branch

gg....gg: Indicator for the causes of the failure in recovery (origin of the failure in recovery)

    When *ff....ff* is RM:

        Resource manager name + Resource manager extension + Return value of the XA function (the resource manager extension and the return value of the XA function are delimited by a colon (:))

    When *ff....ff* is SUPERIOR or SUBORDINATE:

        node-identifier: *internal-information*

Countermeasure: Check the factor and indicator and correct the source of the error.

KFCA00961-E (L+E)

```
cannot start transaction recovery service due to aaaa.
```

Transaction recovery service cannot be started because an error indicated by the reason code occurred while starting the transaction recovery service.

aaaa: Reason code (four numerals)

The reason codes and countermeasures are listed below.

S: Terminates OpenTP1 abnormally.

Countermeasure: Take action according to the reason code and then restart OpenTP1

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes then restart OpenTP1. If this error recurs frequently, contact the maintenance personnel.
0012	Version mismatch	The versions of the executable programs in the transaction service and those in the transaction recovery service are different. Execute the trnlnkrm command to recreate the executable program in the transaction recovery service. Then, start OpenTP1 normally.
0013	Invalid executable program	The executable program in the transaction recovery service and the resource manager registered in OpenTP1 do not match. Execute the trnlnkrm command to recreate the executable program in the transaction recovery service. Then, start OpenTP1 normally.
0052	File manipulation failure	Check the cause of the failure by referring to the reason code of the *KFCA00966-E* message, then take appropriate corrective action.
0200	Error during start processing for definition analysis	Take action according to the previously output error message if any.
0300	Communication error	
0800	Failure in registering the recovery process for scheduled service	
1801	Error when reporting service completion to the system manager	

KFCA00962-E (L+E)

```
error occurred while terminating transaction recovery service;
continues processing.
```

```
reason code=aaaa
```

aaaa: Reason code (four numerals)

The reason code and countermeasure are listed below.

Countermeasure: Take action according to the reason code and countermeasure.

Reason code	Meaning	Countermeasure
0300	Communication error	Take action according to the previously output error message if any.

KFCA00963-E (L+E)

```
cannot start transaction resource manager monitoring service.
reason code=aaaa
```

Transaction resource manager monitoring service cannot be started because an error indicated by the reason code occurred while starting the transaction service.

aaaa: Reason code (four numerals)

The reason codes and countermeasures are listed below.

S: Terminates OpenTP1 abnormally.

Countermeasure: Take action according to the reason code and then restart OpenTP1.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes then restart OpenTP1. If this error recurs frequently, contact the maintenance personnel.
0012	Version mismatch	The versions of the executable programs in the transaction service and those in the transaction resource manager monitoring service do not match. Execute the trnlnkrm command to recreate the executable program in the transaction resource manager monitoring service. Then, start OpenTP1 normally.
0013	Invalid executable program	The versions of the executable program in the transaction resource manager monitoring service and the resource manager registered in OpenTP1 are different. Execute the trnlnkrm command to recreate the executable program in the transaction resource manager monitoring service. Then, start OpenTP1 normally.
0050	Invalid execution environment	Check if the following directory exists. • `$DCDIR/spool/dctrninf`: If so, check the directory for access authority.

Reason code	Meaning	Countermeasure
0051	Invalid execution environment	An attempt was made to start OpenTP1 for which a resource manager has been registered by specifying Y in the jnl_fileless_option operand in the system common definition. Use the trnlnkrm command to delete all resource managers. Then, start OpenTP1 normally.
0052	File manipulation error	Check the cause of the failure by referring to the reason code of the *KFCA00966-E* message, then take appropriate corrective action.
0200	Error during start processing for definition analysis	Take action according to the previously output error message if any.
0300	Communication error	
0600	Failure in registering service information for name service	
1801	Error when reporting service completion to the system manager	

KFCA00964-E (L+E)

```
error occurred while terminating transaction resource manager
monitoring service; continues processing. return code=aaaa
```

aaaa: Reason code (four numerals)

The reason codes and countermeasures are listed below.

Countermeasure: Take action according to the reason code and countermeasure.

Reason code	Meaning	Countermeasure
0300	Communication error	Take action according to the previously output error message if any.
0601	Failure in deleting service information for name service	

KFCA00965-E (L+E)

```
insufficient memory. required memory size: aa...aa bytes, area
type: bb...bb
```

aa...aa: Memory size required for allocation (up to 10 numerals)

bb...bb: Type of the area with insufficient memory (up to 15 alphanumerics)

STATIC SHMPOOL: Static shared memory

DYNAMIC SHMPOOL: Dynamic shared memory

PROCESS: Process-specific memory

S: Stops processing.

Countermeasure: If the type of the area with insufficient memory is shared memory, check the value specified in the definition, take corrective action and then retry allocation. If the type is process-specific memory, check the number of processes, take corrective action and then retry allocation. If the error recurs, contact maintenance personnel.

KFCA00966-E (L+E)

bb...bb error occurred during *aaa* file manipulation. file: *cc...cc*, reason code=*dddd*

aaa: File type

cmd: Transaction command control file (for internal use)

rls: Undetermined transaction information file

rmc: System-RM connection definition file

bb...bb: System call which caused the error (open, close, write, read, stat, fcntl, lseek)

cc...cc: Full path name of the file. (Up to 63 characters)

dddd: Reason code (four digits)

The reason codes and their corresponding countermeasures are listed in the following table.

S: Stops processing of this file.

Countermeasure: Take appropriate action as indicated by the reason code.

Reason code	Meaning	Countermeasure
0150	Invalid file name	Check the file name.
0151	No access authority for the file	Check the access authority for the file.
0152	File occupied by another process	After the process using this file terminates, re-execute the command or start OpenTP1.

KFCA00967-E (L+E)

```
invalid value is specified in definition of transaction
statistics items to be collected. transaction statistics of the
server cannot be collected. server: aa...aa
```

The specification of the definition of transaction statistics to be collected is incorrect (trn_statistics_item operand). The transaction statistics of the servers are not collected.

S: Continues start of the server.

O: Correct the trn_statistics_item operand in the user service definition, user service default definition, or transaction service definition. Then, restart the server or OpenTP1.

KFCA00969-E (L+E)

```
RPC timeout occurred; server aa...aa terminates abnormally and
transaction branch is rolled back.
```

Because the RPC using optimized recursive migration has encountered a timeout, the corresponding server is aborted and the transaction is rolled back.

aa...aa: Server name

Countermeasure: Examine the cause for the RPC timeout, take corrective action, and make a retry.

KFCA00970-E (E)

```
cannot execute aa...aa command of transaction. reason code=bbbb
```

aa...aa: Command name (up to six alphabetic characters)

bbbb: Reason code (four numerals)

The reason codes and countermeasures are listed below.

S: Stops command processing.

O: Take action according to the reason code. Reenter the command if necessary.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes and then restart OpenTP1. If the error recurs frequently, contact maintenance personnel.

Reason code	Meaning	Countermeasure
0003	Disallowed number of characters in flag arguments	Check the contents of the flag arguments, correct errors and then reenter the command.
0004	Disallowed character in a character string of flag argument	
0005	Value out of range for a decimal character string of flag argument	
0008	No information to display	The reasons are: • Transaction is not started • The contents of the flag arguments are incorrect (i.e., an unregistered node name is specified). • For trncmt or trnrbk, the transaction is not ready for operation. • For trncmt or trnrbk, the same request is already received.
0030	Failure in opening an RM information database file	Proceed as indicated in the error message output immediately before this message. If this error recurs frequently, contact the maintenance personnel.
0031	Failure in reading an RM information database file	
0032	Failure in writing to an RM information database file	
0033	Invalid contents in an RM information database file	
0034	Failure in opening an RM information file	
0035	Failure in writing to an RM information file	

Reason code	Meaning	Countermeasure
0036	Invalid RM-related object name	Check the command execution environment and the arguments specified with the command.
0037	Compilation failure	
0038	Failure in creating an executable program	
0039	Failure in opening a specified file	
0040	Failure in reading a specified file	
0042	Invalid contents in a specified file	
0050	Invalid execution environment	The environment necessary for command execution has not yet been set up. Check that the following directories exist. If they do exist, check that the necessary access authorities for those directories have been granted. • `$DCDIR/spool/dctrninf` • `$DCDIR/spool/trnrmcmd` • `$DCDIR/spool/trnrmcmd/userobj` • Current directory
0056	Invalid environmental variable	Set the environmental variable to a valid value then re-execute.
0200	Error during start processing for definition analysis	Take action according to the previously output error message if any.
0300	Communication error	
0301	Timeout	
0602	Unmatched version	Check the version of each OpenTP1 library, take corrective action and then enter the command.

KFCA00971-I (L+C)

```
Retry processing of the pre-online transaction recovery function
has ended. (cause = aa...aa)
```

Retry processing for the determination of the undecided transaction ended for the resource manager for which the -m option is specified in the `trnstring` command format definition.

aa...aa: Cause of retry processing

> stop: stop is specified for trn_start_recovery_mode.

> continue: continue is specified for trn_start_recovery_mode.

KFCA00972-I (L+E)

usage: trndlinf -d day count

This message indicates how to use the trndlinf command. It appears in one of the following cases:

- When -h is specified in the command option.
- When the command option usage is incorrect.

S: When the command usage is incorrect, the system stops the command processing.

O: When the command usage is incorrect, correct the command and enter it again.

KFCA00973-I (L+E)

usage: trnstics -{ s | e}

This message indicates the trnstics specification format. It is output when:

- -h is specified for a command option;

  or,

- The specification of a command option is incorrect.

S: Stops processing of the command if it has not been specified correctly.

O: If the specification is incorrect, reenter the command.

KFCA00974-I (E+S)

usage: trnfgt {-t [-a] | -T transaction global ID [-a]}

This message shows the correct usage of the trnfgt command. It is output when:

- -h is specified for a command option;

  or,

- The usage of a command option or argument is incorrect.

S: Stops processing the command if the usage is incorrect.

O: If the usage is incorrect, reenter the command in correct usage.

KFCA00975-I (E+S)

```
usage: trnls  {-t [-{a|c}] | -T transaction global ID [-{a|c}]
| -bc | -B system node ID [-{a|c}] | -rc | -R RM name + RM
extension ID [-{a|c}]}
```

This message shows the correct usage of the trnls (transaction status display) command. It is output when:

- -h is specified for a command option;

  or,

- The usage of a command option or argument is incorrect.

S: Stops processing the command if the usage is incorrect.

O: If the usage is incorrect, reenter the command in correct usage.

KFCA00976-I (E+S)

```
usage: trncmt {-t [-af] | -T transaction global ID [-af]}
```

This message shows the correct usage of the trncmt (transaction commit) command. It is output when:

- -h is specified for a command option;

  or,

- The usage of a command option or argument is incorrect.

S: Stops processing the command if the usage is incorrect.

O: If the usage is incorrect, reenter the command in correct usage.

KFCA00977-I (E+S)

```
usage: trnrbk {-t [-af] | -T transaction global ID [-af]}
```

This message shows the correct usage of the trnrbk (transaction rollback) command. It is output when:

- -h is specified for a command option;

  or,

- The usage of a command option or argument is incorrect.

S: Stops processing the command if the usage is incorrect.

O: If the usage is incorrect, reenter the command in correct usage.

KFCA00978-E (E)

`aa...aa command is used invalidly.`

aa...aa: Command name (up to nine alphanumerics)

S: Stops command processing.

O: Reenter the command in correct usage.

KFCA00979-E (E)

`transaction service is inoperable; cannot execute aa...aa command.`

The *aa...aa* command cannot be executed because transaction service is not started or is being terminated.

aa...aa: Command name (up to nine alphanumerics)

S: Stops command processing.

O: After the system has started, reenter the command.

KFCA00980-W (L+E)

`cannot monitor elapsed time for transaction branch.`
`TRNGID=`*aaaaaaaabbbbbbbb*`, TRNBID=`*aaaaaaaacccccccc*`, server=`*dd...dd*`,`
`service=`*ee...ee*

TRNGID: Transaction global ID

TRNBID: Transaction branch ID

aaaaaaaa: OpenTP1 system node ID (8-character string)

bbbbbbbb: Global transaction number (hexadecimal 8-character string)

cccccccc: Transaction branch number (hexadecimal 8-character string)

dd...dd: Server name (up to 8-character string)

ee...ee: Service name (up to 32-character string)

If the error occurred in SUP, a service name is not output. If the error occurred during monitoring of the time limits for completion of a transaction, nothing is output for `TRNGID` and `TRNBID`.

S: Continues processing.

Countermeasure: Ignore the message if monitoring of the following times is unnecessary:

- Length of time from the start to the end of a service

- Expiration time in a transaction branch

- Time for monitoring the CPU in a transaction branch

- Time limits for completion of a transaction

If necessary, terminate OpenTP1 and remove the cause of the error according to the timer service message displayed before this message. Then restart OpenTP1.

KFCA00981-W (L+E)

```
cannot monitor CPU time for transaction branch.
TRNGID=aaaaaaaabbbbbbbb, TRNBID=aaaaaaaacccccccc, server=dd...dd,
service=ee...ee
```

TRNGID: Transaction global ID

TRNBID: Transaction branch ID

aaaaaaaa: OpenTP1 system node ID (8-character string)

bbbbbbbb: Global transaction number (hexadecimal 8-character string)

cccccccc: Transaction branch number (hexadecimal 8-character string)

dd...dd: Server name (up to 8-character string)

ee...ee: Service name (up to 32-character string)

S: Terminates OpenTP1 abnormally.

Countermeasure: Remove the cause of the error indicated by the timer service message, output immediately before this message. Then, restart OpenTP1.

KFCA00982-I (L+E)

```
The transaction branch of a global transaction heuristically
completed. TRNGID=aaaaaaaabbbbbbbb, TRNBID=aaaaaaaacccccccc,
server=dd...dd, service=ee...ee factor=ff....ff, indicator=gg....gg
```

A transaction branch has been heuristically completed.

TRNGID: Transaction global ID

TRNBID: Transaction branch ID

aaaaaaaa: Transaction system node ID (8-character string)

bbbbbbbb: Global transaction number (8-character hexadecimal string)

cccccccc: Transaction branch number (8-character hexadecimal string)

dd...dd: Server name (string of 8 or fewer characters)

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ee...ee: Service name (string of 32 or fewer characters)

ff....ff: Cause of the unrecoverable error

RM: Resource manager

TIMEOUT: A timeout occurred.

SUBORDINATE: Child transaction branch

gg....gg: Name of the object that caused the unrecoverable error (source of the unrecoverable error)

When *ff....ff* is RM:

Resource manager name + Resource manager extension + Return value of the XA function

(The resource manager extension and the return value of the XA function are delimited by a colon (:).)

When *ff....ff* is TIMEOUT or SUBORDINATE:

TP1 node identifier + entry number

(The TP1 node identifier and the entry number are delimited by a colon (:).)

Countermeasure: Check the cause of the error based on the indicated cause and object, and then correct the source of the error.

KFCA00984-E (L+E)

```
error occurred during undetermined transaction info
manipulation. reason code: aaaa
```

aaaa: Reason code

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Check the status of resource manager provided by other than OpenTP1 Rollback any transaction that is left undetermined by using the facility of the resource manager.
0029	Failure in collecting file information	
0030	Failure in opening a file	
0031	Failure in reading a file	
0032	Failure in writing to a file	

KFCA00985-I (L+E)

```
undetermined transaction info is stored in aa...aa.
```

aa...aa: Full path name for the file

KFCA00986-W (L+E)

```
undetermined transaction info cannot be stored in aa...aa because
of bbbb.
```

aa...aa: Full path name for the file

bbbb: Reason code (four numerals)

The reason codes and countermeasures are listed below.

S: Continues processing.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes and then restart OpenTP1. If the error recurs frequently, contact maintenance personnel.
0032	Failure in writing to an RM information database file	Proceed as indicated for the previously output error message, if any. If this error recurs frequently, contact the maintenance personnel.
0052	File manipulation failure	Examine the cause of the failure according to the reason code of *KFCA00966-E* message and then take corrective action.
0056	Incorrect environmental variable	Set the correct value for the DCDIR environment variable, and then retry.
0150	Invalid file name	Check the file name.

KFCA00987-E (L+E)

```
undetermined transaction info file can not be removed. reason
code=aaaa
```

aaaa: Reason code (four numeric characters)

The reason code and action list is given below.

Countermeasure: Take corrective action referring to the reason code list.

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Reason code	Meaning	Action
0001	The value for the transaction service definition is invalid	Use any of normal, force, and no as the value in the transaction service definition trn_recovery_list_ remove (the default is no).
0002		Use an integer from 0 to 24,855 as the value in the transaction service definition trn_recovery_list_ remove_level (the default is 0).

KFCA00988-E (L+E)

```
trn_optimum_item definition use defaults, because of invalid
variable. server: aa...aa
```

The system uses the default (base) to execute the corresponding server's transaction because an invalid value has been specified as the value in the trn_optimum_item operand of the user service definition, user service default definition, or transaction service definition.

aa...aa: Server name (up to 8 alphanumeric characters) with the error.

Countermeasure: Review the definition, take corrective action, and activate the corresponding server again.

KFCA00989-I

```
"transaction branch is rollbacked. TRNGID=aaaaaaaabbbbbbbb,
TRNBID=aaaaaaaacccccccc, server=dd...dd, service=ee...ee, factor=ff....ff
indicator=gg....gg"
```

TRNGID: Transaction global ID

TRNBID: Transaction branch ID

aaaaaaaa: Transaction system node ID

bbbbbbbb: Global transaction number

cccccccc: Transaction branch number

dd...dd: Server name

ee...ee: Service name

ff....ff: Cause of rollback

RM: Resource manager

SUPERIOR: Rollback instruction from the parent transaction branch

SUBORDINATE: Rollback report from the child transaction branch

`RPC_TIMEOUT`: Communication timeout

`RPC_COMMFAIL`: Communication error

`ax_end`: Rollback instruction from the CRM

`ax_rollback`: Rollback instruction from the CRM

`dc_trn_chained_rollback`: `dc_trn_chained_rollback` issued by the UAP

`dc_trn_unchained_rollback`: `dc_trn_unchained_rollback` issued by the UAP

`tx_rollback`: `tx_rollback` issued by the UAP

`txi_rollback`: Rollback instruction from the MCF or RPC

`dci_trn_rbmk_only`: Rollback instruction from the CRM or RPC

`TESTMODE`: When using an online tester

`TIMEOUT`: Timeout of trn_watch_time or trn_limit_time

`DOWN`: The UAP failed.

`ENDFAIL`: Rollback-only instruction from an application server or the XA resource service

`XARRBK`: Rollback instruction from an application server

`OTHER`: Other information

gg....gg: Maintenance information that indicates the source of rollback

When *ff....ff* is `RM`, `ax_end`, or `ax_rollback`:

Resource manager name followed by resource manager extension

When *ff....ff* is `SUPERIOR` or `SUBORDINATE`:

node-identifier: *internal-information*

When *ff....ff* is `OTHER`:

Rollback source information

When *ff....ff* is other than above:

Blank

KFCA00990-I (L+E)

```
transaction branch recovery is complete. TRNGID=aaaaaaaabbbbbbbb,
TRNBID=aaaaaaaacccccccc, server=dd...dd, service=ee...ee, completion
type=f, gg
```

`TRNGID`: Transaction global ID

`TRNBID`: Transaction branch ID

aaaaaaaa: OpenTP1 system node ID (8-character string)

bbbbbbbb: Global transaction number (hexadecimal 8-character string)

cccccccc: Transaction branch number (hexadecimal 8-character string)

dd...dd: Server name (up to 8-character string)

ee...ee: Service name (up to 32-character string)

f: Completion type of the transaction branch

    `c`: Commit

    `r`: Rollback

gg: Completion type of the child transaction branch

    `c`: Commit

    `r`: Rollback

    `hc`: Commit determination by heuristic commit command

    `hr`: Rollback determination by heuristic commit command

    `hm`: Heuristic mix

        Determination of the RM or child branch to both commit and rollback.

    `hh`: Heuristic hazard

        The determination of the RM or child branch cannot be recognized by the transaction branch due to a communication error, etc.

        If this completion type is displayed, the determination of the RM or child branch may differ from the determination of the transaction branch. Examine the contents of the OpenTP1 message log file and the RM log file to check the result of the synchronization point for the RM or child branch that caused the error and the global transaction branch.

KFCA00991-W (L+E)

```
cannot recover from transaction branch. TRNGID=aaaaaaaabbbbbbbb,
TRNBID=aaaaaaaacccccccc, server=dd...dd, service=ee...ee, determination
type=ff
```

TRNGID: Transaction global ID

TRNBID: Transaction branch ID

aaaaaaaa: OpenTP1 system node ID (8-character string)

bbbbbbbb: Global transaction number (hexadecimal 8-character string)

cccccccc: Transaction branch number (hexadecimal 8-character string)

dd...dd: Server name (up to 8-character string)

ee...ee: Service name (up to 32-character string)

ff: Determination type

> `c`: Commit
>
> `r`: Rollback
>
> `hc`: Heuristic commit
>
> `hr`: Heuristic rollback
>
> `hm`: Heuristic mix
>
> `hh`: Heuristic hazard

Countermeasure: Check the statuses of all the transaction branches in the global transaction. When there is a transaction branch to another OpenTP1 system and the OpenTP1 has failed, rerun it. For a resource manager error, correct the source of the error.

> Since OpenTP1 retries recovery of transaction branches periodically, faulty transaction branches can be recovered after the errors are corrected.

KFCA00992-E (L+E)

```
cannot determine commit or rollback for transaction branch
TRNGID=aaaaaaaabbbbbbbb, TRNBID=aaaaaaaacccccccc, server=dd...dd,
service=ee...ee
```

The system cannot determine commit or rollback for the transaction branch because a communication error occurred or for another reason.

TRNGID: Transaction global ID

TRNBID: Transaction branch ID

aaaaaaaa: OpenTP1 system node ID (8-character string)

bbbbbbbb: Global transaction number (hexadecimal 8-character string)

cccccccc: Transaction branch number (hexadecimal 8-character string)

dd...dd: Server name (up to 8-character string)

ee...ee: Service name (up to 32-character string)

S: Retains the state of the transaction branch and continues processing.

Countermeasure: Determine the appropriate transaction branch with the trncmt or trnrbk command.

Chapter

3. Messages from KFCA01000 to KFCA01999

This chapter describes messages from KFCA01000 to KFCA01999.

3.1 Messages from KFCA01000 to KFCA01999

3.1 Messages from KFCA01000 to KFCA01999

KFCA01000-I (L+S)

```
now preparing status service.
```

Status service start processing started.

KFCA01001-I (L+S)

```
status service started with aa...aa as current logical status file.
```

aa...aa: Current logical status file name (up to eight alphanumerics)

KFCA01003-I (L+S)

```
now terminating status service.
```

KFCA01004-I (L+S)

```
status service terminated.
```

KFCA01005-E (L+E)

```
cannot start status service because of aa...aa.
```

aa...aa: Reason code that indicates the contents of the error (up to 10 numerals)

0000000001: A status service definition environment error occurred.

Take action according to the previously output error message, if any. Correct the error and then restart OpenTP1.

0000000003: A status service definition error occurred.

Check the status service definition.

0000000004: There are no current status files.

Prepare a status file and then restart OpenTP1.

0000000005: Memory for allocating a table is insufficient.

Check the number of processes and then restart OpenTP1.

0000000006: Memory for allocating a buffer is insufficient.

Check the number of processes and then restart OpenTP1.

0000000007: A status file error occurred.

>   Take action according to the previously output error message, if any. Correct
>   the error and then restart OpenTP1.

0000000008: An error in making the status file control record resident in the
buffer occurred.

>   Take action according to the previously output error message, if any.

0000000009: A swapping error occurred.

>   Take action according to the previously output error message, if any.

0000000010: The status file has an error when `stop` is specified in the
`sts_initial_error_switch` operand.

>   Correct the error in the status file and then restart OpenTP1.

0000000011: An error in obtaining the time at which a status file was designated
for current use occurred.

>   Take action according to the previously output error message, if any. Correct
>   the error and then restart OpenTP1.

0000000012: An error in setting the inter-process communication environment
for starting the status service occurred.

>   Take action according to the previously output error message, if any. Correct
>   the error and then restart OpenTP1.

0000000013: Inter-process communication for starting the status service failed.

>   Take action according to the previously output error message, if any. Correct
>   the error and then restart OpenTP1.

0000000014: An error in obtaining definition environment information for
starting the status service occurred.

>   Take action according to the previously output error message, if any. Correct
>   the error and then restart OpenTP1.

0000000015: The current status file name selected by OpenTP1 is inconsistent
with the logical file name specified in the `sts_last_active_file` operand.

>   In the `sts_last_active_file` operand, specify the newest logical
>   current status file name of those that existed up to the previous OpenTP1, and
>   then restart OpenTP1. If the newest active file name is correctly specified in
>   the `sts_last_active_file` operand, restart is impossible. Initialize all
>   status files (by using the `stsinit` command), and then restart OpenTP1.

0000000016: A state occurred in which the newest current status file of those that
existed up to the previous OpenTP1 cannot be determined. However, processing

cannot continue because no logical file name is specified in the `sts_last_active_file` operand.

In the `sts_last_active_file` operand, specify the newest logical current status file name of those that existed up to the previous OpenTP1, and then restart OpenTP1.

0000000017: Start processing stopped because an error occurred in the system specified in the `sts_last_active_side` operand when OpenTP1 was starting. OpenTP1 cannot be restarted.

Initialize all status files (by using the `stsinit` command), and then restart OpenTP1.

0000000018: When OpenTP1 started, an error occurred in one system of the newest current status file, used up to the previous online session. However, processing cannot continue because no system is specified in the `sts_last_active_side` operand.

Set a system in the `sts_last_active_side` operand, using a combination of the state of the current status file used during the previous online session and the error system reported by the *KFCA01012-I* message (issued immediately beforehand). Then restart OpenTP1.

The following table lists the valid combinations.

State of the current status file used during the previous online session		Error system displayed by KFCA01012-I	System specified in the sts_last_active_side operand to be specified to restart OpenTP1
System A	System B		
ACTIVE	ACTIVE	A	B
		B	A
ACTIVE	Other than ACTIVE	A	OpenTP1 cannot be restarted.
		B	A
Other than ACTIVE	ACTIVE	A	B
		B	OpenTP1 cannot be restarted.

0000000019: A status file system cannot be created.

Proceed as indicated in the previously output error message. Correct the error, and then restart OpenTP1.

0000000020: Start processing stopped because a file error occurred during operation with no duplicate status file.

Proceed as indicated in the previously output error message. Correct the error, and then restart OpenTP1.

0000000021: Start processing stopped because an event that disabled further processing occurred during start processing of the status service.

Execute `dcsetup -d` to delete files under `$DCDIR/spool`, and then start OpenTP1.

S: Terminates OpenTP1 abnormally.

Countermeasure: Take action according to the reason code and then restart OpenTP1.

KFCA01006-E (L+E)

`aa...aa` statement in status service definition is invalid. reason code=`bb...bb`

An error occurred during analysis of the status service definition.

aa...aa: Status service definition operand (up to 32 alphanumerics)

See the status service definition.

bb...bb: Reason code that indicates the contents of the error (up to 10 numerals)

0000000001: The same information is specified twice in the definition.

0000000002: No definition operand is specified. Alternatively, the definition operand has an error.

0000000003: An invalid value is specified in the definition.

0000000004: An invalid number of characters is specified in the definition.

0000000005: An nonexistent file name is specified in the definition.

0000000006: An invalid combination of definition operands is specified.

S: Stops start processing for status service.

Countermeasure: Check the status service definition and then restart OpenTP1.

KFCA01007-E (L+E)

`sts_rec_length` statement in status service definition is overlength by file service I/O size. `sts_rec_length`=*aa...aa* file service I/O size=*bb...bb*

Analysis of the sts_rec_leng part of the status service definition has revealed that the specified value exceeds the unit length of file server input or output.

aa...aa: Value (up to 10 alphanumeric characters) specified in the sts_rec_leng part of

the status service definition

bb...bb: Unit length (up to 10 alphanumeric characters) of file server input or output

S: Discontinues the start processing for the status service.

O: Correct the value specified in the sts_rec_leng part of the status service definition and start OpenTP1 again.

Countermeasure: Review the value specified in the sts_rec_leng part of the status service definition.

KFCA01008-I (L+E)

aa...aa file cannot be used as standby status file because of *bb...bb*.

aa...aa: Path name for the status file (up to 63 alphanumerics), or logical status file name (up to eight alphanumerics)

bb...bb: Reason code that indicates the contents of the error (up to 10 numerals)

0000000001: The record length is inconsistent with that of the current status file.

Make the record length the same as the record length of the current status file.

0000000002: The number of records is inconsistent between A-system and B-system files.

Make the number of records in A-system and B-system files the same.

0000000003: The record length is inconsistent between A-system and B-system files.

Make the record length in A-system and B-system files the same.

Countermeasure: Take action according to the reason code.

KFCA01009-E (L+E)

file consistency error occurred in physical status file *aa...aa*.

aa...aa: Path name for the physical status file (up to 63 characters)

S: Performs swapping if a status file is standby. Cancels start processing if no status file is standby. Places the file with an error in the shutdown state.

O: Check if online failures, file system errors, or status file allocation errors have occurred before. Remove errors from the status file and then prepare a status file or restart OpenTP1.

KFCA01010-E (L+E)

error occurred in last updated status file *aa...aa*. reason
code=*bb...bb*

aa...aa: Path name for the physical status file (up to 63 characters)

bb...bb: Reason code that indicates the contents of the error (up to 10 numerals)

0000000001: The number of records or the record length is inconsistent between
A-system and B-system files.

Make the number of the records or the record length the same as the normal
system, and then use the stsinit command to initialize the file.

0000000002: An inconsistency in the number of records or the record length and
a data error were detected in both A-system and B-system files.

Correct the number of records and the record length so that they are the same
in A-system and B-system files, and then use the stsinit command to
initialize both files.

0000000003: The record update number is inconsistent between A-system and
B-system files.

Use the stsinit command to initialize the B-system file.

0000000004: An invalid record update was detected in both A-system and
B-system files.

Use the stsinit command to initialize both A-system and B-system files.

0000000005: A record input error was detected.

Take action according to the previously output *KFCA01040-E* message.

0000000006: An incomplete file update was detected.

No action is needed. However, if an error occurs in both A and B systems,
use the stsinit command to initialize these files.

S:

If reason code 0000000006 occurs:

Recover the file from the error and continues processing.

If a reason code other than 0000000006 occurs:

Performs swapping if a status file is standby. Cancels start processing if no
status file is standby. Places the file with an error in the shutdown state.

If an error occurs in both A and B systems:

Cancels start processing.

Countermeasure: Take action according to the reason code.

KFCA01011-I (L+S)

```
OpenTP1 system selected aa...aa as last updated status file.
```

If `continue` is specified in the `sts_initial_error_switch` statement for status service definition, and at least one of the logical status files specified in the status service definition becomes either of the following states, OpenTP1 notifies which one of the opened files has the last updated information.

1. Both A and B systems are faulty or have no entity.

2. One system is faulty or has no entity and the other system is initialized.

aa...aa: Logical status file name (up to eight alphanumerics)

KFCA01012-I (L+S)

```
error occurred in system aa...aa of last updated status file b.
```

OpenTP1 outputs this message when continue is specified in the sts_single_operation_switch statement of the status service definition, and an error occurs in one system of the last updated file.

aa...aa: Current logical status file name (up to eight alphanumeric characters)

b: System (A or B) in which the error occurred

KFCA01020-W (E)

```
(aa....aa: bb....bb) The path name for the status file of the ee....ee
system specified for cc....cc: dd....dd (ff....ff) is invalid.
```

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: System (A or B) in which an error was detected

ff....ff: File name specified for the status file

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S: Continues processing.

Countermeasure: Check the character-type special file name or UNIX regular file name, and specify the correct file name.

KFCA01021-W (E)

(*aa....aa*: *bb....bb*) The special file, where the status file of the *ee....ee* system specified for *cc....cc*: *dd....dd* (*ff....ff*) is to be assigned, has not been initialized as the OpenTP1 file system.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: System (A or B) in which an error was detected

ff....ff: File name specified for the status file

S: Continues processing.

Countermeasure: Execute the filmkfs command to initialize the character-type special file name or UNIX regular file name for an OpenTP1 file system.

KFCA01022-W (E)

(*aa....aa*: *bb....bb*) The status file of the *ee....ee* system specified for *cc....cc*: *dd....dd* (*ff....ff*) does not exist.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: System (A or B) in which an error was detected

ff....ff: File name specified for the status file

S: Continues processing.

Countermeasure: Check the specified status file name. If the status file has not been created, execute the `stsinit` command to create it.

KFCA01023-W (E)

(*aa....aa*: *bb....bb*) The version of the status file of the *ee....ee* system specified for *cc....cc*: *dd....dd* (*ff....ff*) is different from the version of the system when the file system was created.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: System (A or B) in which an error was detected

ff....ff: File name specified for the status file

S: Continues processing.

Countermeasure: Execute the `filmkfs` command to re-create the OpenTP1 file system, and then execute the `stsinit` command to re-create the status file.

KFCA01024-W (E)

(*aa....aa*: *bb....bb*) A system limit was exceeded during processing to open the status file of the *ee....ee* system specified for *cc....cc*: *dd....dd* (*ff....ff*).

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: System (A or B) in which an error was detected

ff....ff: File name specified for the status file

S: Continues processing.

Countermeasure: Check the number of files that can be opened in a process, and change the kernel if required.

KFCA01025-W (E)

(*aa....aa*: *bb....bb*) You do not have access permissions for the special file for the status file of the *ee....ee* system specified for *cc....cc*: *dd....dd* (*ff....ff*).

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: System (A or B) in which an error was detected

ff....ff: File name specified for the status file

S: Continues processing.

Countermeasure: Change the access mode for the character-type special file or UNIX regular file, or execute the command as a user who has access permission.

KFCA01026-W (E)

(*aa....aa*: *bb....bb*) You do not have access permissions for the status file of the *ee....ee* system specified for *cc....cc*: *dd....dd* (*ff....ff*).

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: System (A or B) in which an error was detected

ff....ff: File name specified for the status file

S: Continues processing.

Countermeasure: Execute the `filchmod` command to change the access mode for the status file, or execute the command as a user who has access permission.

KFCA01027-W (E)

(*aa....aa*: *bb....bb*) An I/O error occurred during processing to access the status file of the *ee....ee* system specified for *cc....cc*: *dd....dd* (*ff....ff*).

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: System (A or B) in which an error was detected

ff....ff: File name specified for the status file

S: Continues processing.

Countermeasure: Check if the disk unit is normal.

KFCA01028-W (E)

(*aa....aa*: *bb....bb*) A memory shortage occurred during the processing to open the status file of the *ee....ee* system specified for *cc....cc*: *dd....dd* (*ff....ff*).

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: System (A or B) in which an error was detected

ff....ff: File name specified for the status file

S: Continues processing.

Countermeasure: Allocate sufficient memory, and then re-execute the command.

KFCA01029-W (E)

(*aa....aa*: *bb....bb*) `The status file of the` *ee....ee* `system specified for` *cc....cc*: *dd....dd* (*ff....ff*) `is not a status file.`

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

ee....ee: System (A or B) in which an error was detected

ff....ff: File name specified for the status file

S: Continues processing.

Countermeasure: Execute the `stsrm` command to delete the physical file in which the error occurred, and then execute the `stsinit` command to re-create the file.

KFCA01030-W (E)

(*aa....aa*: *bb....bb*) `The record length of the status file of the A system specified in` *cc....cc*: *dd....dd* `does not match the record length of the status file of the B system.`

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

S: Continues processing.

Countermeasure: Specify the same value in the `-s` option (record length) of the `stsinit` command between systems A and B, and then re-create the status file.

KFCA01031-W (E)

(*aa....aa*: *bb....bb*) For *cc....cc*: *dd....dd*, the numbers of status file records specified in the A and B systems do not match.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

S: Continues processing.

Countermeasure: Specify the same value in the -c option (number of records) of the stsinit command in systems A and B, and then re-create the status file.

KFCA01032-W (E)

(*aa....aa*: *bb....bb*) There is a duplication between the logical file name specified for the sts_file_name operand in *cc....cc* and the physical file name other than the path. (duplicated file name = *dd....dd*)

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Duplicated file name (If there is more than one duplicated file name, only one file name is displayed.)

S: Continues processing.

Countermeasure: Specify a unique logical file name and physical file name in the sts_file_name_* operand, where * is an integer in the range from 1 to 7. The following specifications cause this message to appear:

Example 1: The same logical file name and physical file name (excluding the path) are specified twice.
    sts_file_name_1 = "STS_A","/*aa....aa*/*bb....bb*/STS_A","/

```
aa....aa/bb....bb/STS_B"
sts_file_name_2 = "STS_C","/aa....aa/bb....bb/STS_A","/
aa....aa/bb....bb/STS_E"
```

Example 2: The same physical file name (excluding the path) is specified twice.
```
sts_file_name_1 = "STS1","/sts_1a/stsfil","/sts_1b/
stsfil"
sts_file_name_2 = "STS2","/sts_2a/stsfil","/sts_2b/
stsfil"
```

KFCA01033-W (E)

(*aa....aa*: *bb....bb*) The *cc....cc*: *dd....dd* specification is only valid if
the status file of the active node cannot be determined during
the restart. Normally, this item should not be specified.

For details about the message types and problem identification codes, see the
explanation of the definition check command in the manual *OpenTP1 System
Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

S: Continues processing.

Countermeasure: The value specified in the *dd....dd* operand takes effect when the
current file and normal system cannot be determined due to an error in the status file
when OpenTP1 is restarted. If no error has occurred, delete or comment out the value
of the operand indicated by *dd....dd*.

KFCA01034-W (E)

(*aa....aa*: *bb....bb*) The logical file specified for *cc....cc*: *dd....dd*
(*ee....ee*) does not exist. Make sure the specified value is correct.

For details about the message types and problem identification codes, see the
explanation of the definition check command in the manual *OpenTP1 System
Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file being checked

dd....dd: Name of the operand being checked

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ee....ee: Logical file name specified in the operand to be checked

S: Continues processing.

Countermeasure: You can specify only a logical file name specified in the `sts_file_name_*` operand, where * is an integer in the range from 1 to 7. Check the specified information and then specify the correct logical file name.

KFCA01040-E (L+E)

`aa...aa` `error occurred in physical status file` *bb...bb*`. reason` `code=`*cc...cc*

aa...aa: Possible errors (up to 10 alphanumerics) are:

create: File creation

fstat: File state report

open: File opening

close: File closing

read: Record input

write: Record output

logical: Record inconsistency

filecheck: File validity check

delete: File deletion

bb...bb: Path name for the physical status file (up to 63 characters)

cc...cc: Reason code of the error (up to 10 numerals)

0000000001: The status record number is inconsistent.

Use the `stsinit` command to initialize the appropriate file.

0000000002: The I/O record number is out of range for the status file.

Contact maintenance personnel.

0000000003: Updating of the status file is incomplete.

Use the `stsinit` command to initialize the appropriate file, or start OpenTP1.

0000000004: An OpenTP1 file system error occurred.

Contact maintenance personnel.

0000000005: The byte map in the status file control record (SMR) is invalid.

Use the `stsinit` command to initialize the appropriate file.

0000000006: The file is not defined as a status file.

Use the `stsinit` command to initialize the appropriate file.

0000000007: The faulty file is not initialized.

Use the `stsrm` command to delete the appropriate file, and then use the `stsinit` command to initialize the file.

0000000008: The record length and the number of records in the actual file are inconsistent with the defined values.

Use the `stsinit` command to initialize the appropriate file.

0000000009: The data protocol version in the status file control record (STR) is invalid.

Use the `stsinit` command to initialize the appropriate file.

0000000010: The time stamp in the status file control record (STR) is invalid.

Use the `stsinit` command to initialize the appropriate file.

0000000011: The file state information in the status file control record (SHR) is invalid.

Use the `stsinit` command to initialize the appropriate file.

0000000020: There is no access permission for the special file.

Grant OpenTP1 file access permission.

0000000021: There is no access permission for the file.

Grant status file access permission.

0000000022: A lock error occurred.

Release the lock for the status file, and then retry.

0000000023: Lock segments are insufficient.

Check the OpenTP1 file environment.

0000000024: There is no write permission for the file.

Grant write permission for the status file.

0000000025: The number of files exceeded the upper limit.

Check the OpenTP1 file environment.

0000000026: The file has not been initialized for OpenTP1.

Initialize the file for OpenTP1.

0000000027: An I/O error occurred.

Use the `stsinit` command to initialize the faulty file.

0000000028: Memory is insufficient.

Allocate enough memory to run the process.

0000000029: No file was found.

Use the `stsinit` command to initialize a file. Alternatively, check the status service definition.

0000000030: The number of open character-type special files exceeded the maximum.

Check the OpenTP1 file environment.

0000000031: The file name is invalid.

Check the status file name specified for the command argument, or check the status service definition.

0000000032: A file status flag is specified twice.

Contact maintenance personnel.

0000000033: The mode argument is invalid.

Contact maintenance personnel.

0000000034: The `flags` argument is invalid.

Contact maintenance personnel.

0000000035: The argument for the number of records is invalid.

Contact maintenance personnel.

0000000036: The record length argument is invalid.

Contact maintenance personnel.

0000000037: The specified file cannot be used as an OpenTP1 file.

Check the OpenTP1 file environment.

0000000038: The area cannot be allocated.

Check the OpenTP1 file environment.

0000000039: The OpenTP1 file system version is inconsistent.

Check the OpenTP1 file environment.

0000000040: The file descriptor is invalid.

Contact maintenance personnel.

0000000041: The buffer address is invalid.

Contact maintenance personnel.

0000000042: The record number argument is invalid.

Contact maintenance personnel.

S: Performs swapping if a status file is in the standby state. Places the file in which the error occurred in the shutdown state and continues processing if no status file is in the standby state.

Countermeasure: Take action according to the reason code.

KFCA01041-I (L+E)

```
physical status file with error is closed and status service is
placed in shutdown state. remove the closed file with stsrm
command and switch over to standby status file with stsinit
command and stsopen command.
```

S: Continues processing.

O: Remove the erroneous file with the stsrm command. Initialize the file with the stsinit command and then switch it over to a standby status file with the stsopen command.

KFCA01042-E (L+E)

```
logical status file aa...aa is short of capacity.
```

aa...aa: Logical status file name (up to eight alphanumerics)

S: Performs swapping if a status file is standby. Stops swapping if no status file is standby.

Countermeasure: Check the capacity of the status file.

KFCA01043-I (L+E)

```
fragmentation occurred in logical status file aa...aa.
```

aa...aa: Logical status file name (up to eight alphanumerics)

S: Performs swapping if a status file is standby. Stops swapping if no status file is standby.

KFCA01044-I (L+S)

current logical status file *aa...aa* is placed in the one-system operation state. The normal system is *b*. Take appropriate action immediately.

aa...aa: Current logical status file name (up to eight alphanumeric characters)

b: Normally operating system (A or B)

O: Specify the normally operating system in the `sts_last_active_side` operand in the status service definition, and then perform one of the following:

- Prepare a standby status file. Use the stsswap command to swap the current file with the standby status file.

- Use the stsinit command to initialize the error system of the current status file. Use the stsopen command to open the file and again make it available for current use.

KFCA01046-I (L+E)

re-creates physical status file *aa...aa*.

aa...aa: Path name for physical status file (full path name of up to 63 characters)

S: Continues processing.

KFCA01048-E (L+E)

cannot create a status file system. file system path name: *aa...aa*, reason code: *bbbbbbbb*

An error occurred when creating a status file system.

aa...aa: Path name for the physical status file (full path name of up to 63 characters)

bbbbbbbb: Reason code of the error (up to 10 digits)

0000000001: An error occurred in the file capacity estimation function.

0000000002: A file capacity estimation error occurred.

0000000004: An OpenTP1 file system error occurred.

0000000011: An error in making the status file control record resident in the buffer occurred.

0000000012: The status file was not found.

0000000013: Memory for allocating a buffer is insufficient.

0000000014: An error in obtaining the time at which a status file was designated for current use occurred.

0000000015: A state occurred in which the newest current status file cannot be allocated.

0000000020: There is no access permission for special files.

0000000021: There is no access permission for files.

0000000022: The status file is being accessed by another process in lock mode.

0000000023: Lock segments are insufficient.

0000000024: There is no write permission for files.

0000000025: The maximum number of files has been exceeded.

0000000026: The file has not been initialized for OpenTP1.

0000000027: An input/output error occurred.

0000000028: Memory is insufficient.

0000000029: No file was found.

0000000030: The number of open character-type special files exceeded the maximum.

0000000031: The file name is invalid.

0000000032: Duplicate file status flags are specified.

0000000033: The mode argument is invalid.

0000000034: The `flags` argument is invalid.

0000000035: The argument for the number of records is invalid.

0000000036: The record length argument is invalid.

0000000037: The special file name is not a character-type special file name.

0000000038: The area cannot be allocated.

0000000039: The OpenTP1 file system version is inconsistent.

0000000040: The file descriptor is invalid.

0000000041: The buffer address is invalid.

0000000042: The record number argument is invalid.

0000000043: The capacity to be initialized exceeds the capacity of the specified special file. There is no free space in the UNIX file system.

0000000044: The argument for the maximum number of files is invalid.

0000000045: The argument for the file system name is invalid.

0000000046: The argument for the allocated file system capacity is invalid.

0000000047: The sector length argument is invalid.

S: Performs swapping if a status file is in the standby state. Places the file in which the error occurred in the shutdown state and continues processing if no status file is currently in the standby state.

Countermeasure: If an error message has been output, take appropriate action according to that message. If the problem cannot be solved, contact maintenance personnel.

KFCA01050-E (E)

```
inter-process communication error occurred.
```

An inter-process communication error occurred during processing of a request for status service; or, an RPC service error occurred during status service.

S: Stops processing.

O: Check the OpenTP1 operating environment and remove the cause of the error. If the problem cannot be solved, contact maintenance personnel.

KFCA01051-I (L+E)

```
places the status service in the shutdown state after closing
the physical status file where the error occurred.
```

O: Use the stsinit command to initialize the file where the error occurred. Then, use the stsopen command to make it a standby status file.

KFCA01060-I (L+S)

```
status file aa...aa open.
```

The status file has opened.

aa...aa: Path name for the status file (up to 63 alphanumerics), or logical status file name (up to eight alphanumerics)

KFCA01061-I (L+S)

```
status file aa...aa closed.
```

The status file has closed.

aa...aa: Path name for the status file (up to 63 alphanumerics), or logical status file

name (up to eight alphanumerics)

KFCA01062-I (L+S)

```
status file swapping started. reason=aa...aa
```

aa...aa: Reason why swapping started

START: Active file error (access error, or logical error between A and B systems) at the start or restart of status service

ONLINE: Online active file access error

COMMAND: Swap command (stsswap) input

KFCA01063-I (L+S)

```
status file swapping completed. current logical status file:
aaaaaaaa
```

aaaaaaaa: Current logical status file name (up to eight alphanumerics)

KFCA01064-E (L+E)

```
error occurred during status file swapping. reason code=aa...aa
```

aa...aa: Reason code (up to 10 numerals)

0000000001: No standby status file was found.

Prepare a status file and then restart OpenTP1.

0000000002: An error occurred during allocation of a swapping work area.

Check the number of processes.

0000000003: An error occurred during allocation of an I/O buffer for the standby status file.

Check the number of processes.

0000000004: There is no standby status file available for swapping.

Prepare a status file.

0000000005: An error occurred during buffering of the status file control record.

Correct the error in the status file and then restart OpenTP1.

0000000006: A record I/O error occurred.

Correct the error in the status file and then restart OpenTP1.

0000000007: A time stamp collection error occurred.

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Contact maintenance personnel. Correct the error and then restart OpenTP1.

0000000008: No active file was found.

Contact maintenance personnel. Correct the error and then restart OpenTP1.

0000000009: A state error occurred in the active file.

Contact maintenance personnel. Correct the error and then restart OpenTP1.

S: Stops swapping.

O: Take action according to the reason code.

KFCA01070-E (L+E)

```
error occurred during aa...aa command processing. reason code=bb...bb
```

An error occurred during processing of a status service command.

aa...aa: Command name (up to 10 alphanumerics)

bb...bb: Reason code

0000000001: Information in the status file control record (STR) is incorrect.

Take action according to the previously output error message, if any, or check the arguments specified in the command. If the cause cannot be determined, save the file and then contact the OpenTP1 system administrator.

0000000002: Information in the status file control record (SHR) is incorrect.

Take action according to the previously output error message, if any, or check the arguments specified in the command. If the cause cannot be determined, save the file and then contact the OpenTP1 system administrator.

0000000003: The record length is different from the active file, or the file capacity is different between A and B systems.

Use the `stsls` or `stsfills` command to examine the record length and number of records in the status file, and then use the `stsinit` command to initialize the file.

0000000004: The file state is disallowed for command input.

Use the `stsls` or `stsfills` command to check the file state, correct the file state setting, and then re-execute the command.

0000000005: A basic file system error occurred.

Take action according to the previously output message or the message output by status service, if any.

0000000006: The specified file name is not included in the status service definition.

Check the arguments specified in the command.

0000000007: An inter-process communication error occurred.

Take action according to the previously output error message, if any. Correct the error and then re-execute the command.

0000000008: There is no standby file for swapping.

Prepare a standby status file.

0000000009: A swapping error occurred.

Prepare a status file and then restart OpenTP1.

0000000010: A system call error occurred.

Correct the error and then re-execute the command.

0000000011: The status service is using the status file, or another status service command is running.

Close the status file being used by the status service. Alternatively, wait for the command and status service to terminate.

0000000012: A system definition analysis error occurred.

Check the system definition.

0000000013: An initialization error for inter-process communication occurred.

Correct the error and then re-execute the command.

0000000014: The command cannot be accepted.

Re-execute the command when OpenTP1 is active.

0000000015: The data length in an RPC message is incorrect.

Contact maintenance personnel.

0000000016: The active file is specified.

Use the `stsls` command to examine the file state, and then check the arguments specified in the command. Alternatively, swap the status file and then re-execute the command.

0000000017: The state of the specified file has already changed.

Use the `stsls` command to check the file state.

0000000018: An error was detected in the file check.

Use the `stsinit` command to initialize the file that has an error.

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S: Terminates command processing.

O: Examine the previously output error message. Remove the error and then reenter the command.

KFCA01081-I (E+S)

```
usage: stsinit -f full path name [-s record length] [-c record
number]
```

This message shows the correct usage of the stsinit command. It is output when the command format is incorrect.

KFCA01082-I (E+S)

```
usage: stsrm -f full path name
```

This message shows the correct usage of the stsrm command. It is output when the command format is incorrect.

KFCA01083-I (E+S)

```
usage: stsopen {-f full path name | -n logical file name}
```

This message shows the correct usage of the stsopen command. It is output when the command format is incorrect.

KFCA01084-I (E+S)

```
usage: stsclose {-f full path name | -n logical file name}
```

This message shows the correct usage of the stsclose command. It is output when the command format is incorrect.

KFCA01085-I (E+S)

```
usage: stsls [{-f full path name | -n logical file name | -a |
-l | -p}]
```

This message shows the correct usage of the stsls command. It is output when the command format is incorrect.

KFCA01086-I (E)

```
usage: stsswap
```

This message shows the correct usage of the stsswap command. It is output when the command format is incorrect.

KFCA01088-I (E+S)

```
usage: stsfills -f full path name [-cx]
```

This message shows the correct usage of the stsfills command. It is output when the command format is incorrect.

KFCA01090-E (L+E)

```
error occurred in system call aa...aa. [error code=bb...bb] function
with error: cc...cc
```

aa...aa: System call name in that an error occurred. (Up to 32 alphanumerics)

bb...bb: System call return value. (Up to 10 decimal numbers)

cc...cc: Name of the function which issued the system call. (Up to 32 alphanumerics)

S: Continue processing or terminates OpenTP1 abnormally, depending on the contents of error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the OS parameters based on the error code of the system call, and take appropriate action. If this error occurs repeatedly, contact maintenance personnel.

KFCA01091-E (L+E)

```
insufficient memory. size=aa...aa bytes, area type: bb...bb
```

Memory became insufficient in the status service.

aa...aa: Size that should have been allocated. (Up to 10 numerals)

bb...bb: Type of the area with insufficient memory. (Up to 15 alphanumerics)

STATIC SHMPOOL: Static shared memory

DYNAMIC SHMPOOL: Dynamic shared memory

PROCESS: Process-specific memory

S: Continues processing or terminates OpenTP1 abnormally, depending on the contents of the error.

Countermeasure: When memory became insufficient in shared memory, check the definition, take countermeasures, then re-execute. However, if TP1/LiNK is used, contact the maintenance personnel.

When memory became insufficient in process-specific memory, check the number of processes, take countermeasures, then re-execute. If the error recurs,

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contact the maintenance personnel.

KFCA01099-E (L+E)

```
error occurred with aa...aa function. error code=bb...bb function
that called OpenTP1 function: cc...cc
```

An error occurred with OpenTP1 function.

aa...aa: OpenTP1 function name with which an error occurred. (Up to 32 alphanumerics)

bb...bb: Internal return value of the OpenTP1 function. (Up to 10 decimal numbers)

cc...cc: Name of the function which issued the OpenTP1 function. (Up to 32 alphanumerics)

S: Continues processing or terminates OpenTP1 abnormally, depending on the contents of the error.

O: Investigate the cause of the error according to the message that is output before or after this message, correct the error, and retry. If no such message is output, send the currently displayed message to the OpenTP1 administrator.

If OpenTP1 terminated abnormally, obtain core file and contact the OpenTP1 administrator.

Countermeasure: If the cause of error cannot be determined, contact the maintenance personnel.

KFCA01100-I (L+E)

```
now preparing for journal service. run ID=aaaaaaaa
```

aaaaaaaa: Run ID (eight hexadecimal numbers)

KFCA01101-I (L+E)

```
now recovering journal service. run ID=aaaaaaaa
```

aaaaaaaa: Run ID (eight hexadecimal numbers)

KFCA01102-I (L+E)

```
journal service started.
```

Startup or restart processing for the journal service is completed.

KFCA01103-E (L+E)

```
cannot start journal service. reason code=aaaa
```

An error occurred during startup or restart processing for the journal service.

aaaa: Reason code indicating the contents of the error. (Up to four numerals)

    The table below shows the reason codes and countermeasures.

S: Terminates OpenTP1 abnormally.

Countermeasure: Investigate the cause that prevents the journal service from starting or restarting according to the reason code, and take countermeasures. Then, restart OpenTP1.

Reason code	Meaning	Countermeasure	Remarks
101	Insufficient memory	Check the memory capacity.	--
103	Network failure	Recover the system from the failure and restart it.	--
405	An error is detected during definition analysis processing.	Check and correct the definition file. Then, restart the system.	Message KFCA002xx shows details of the error.
406	The jnldfsv definition command is not specified in the journal service definition. • -r option is not specified.	Correct the definition and restart the system.	--
503	An error occurred during I/O processing of the status file.	Investigate the cause of the error, correct the error, and restart the system.	--
504	An error occurred while starting the journal file service process or journal command service process.		
508	An error occurred while starting the checkpoint dump service process.		
512	An error occurred while analyzing definitions for the checkpoint dump service.	Investigate the cause of the error, correct the error, and restart the system.	--

Reason code	Meaning	Countermeasure	Remarks
514	An error occurred while starting the transaction recovery journal service process.	Investigate the cause of the error, correct the error, and restart OpenTP1.	Details of the cause of error was displayed before this message.
515	An error occurred during definition analysis processing for the transaction journal recovery service.	Correct the definition according to the message that was output before this message. Then, restart OpenTP1.	--
516	Starting of internal thread in journal file management service process failed.	Examine the cause of the error, correct the cause, then restart OpenTP1.	Details of the error cause were displayed immediately before this message.
517	An error occurred in an internal file in TP1/LiNK.	Investigate the cause and proceed as indicated in the system call error message output immediately before this message. Then, restart OpenTP1.	--

Legend:

--: Not applicable

KFCA01104-W

```
cannot recover previous journal service conditions referring to
status file; continues restart processing without status file.
reason code=aaaa
```

aaaa: Reason code indicating the contents of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

Countermeasure: Take countermeasures according to the reason code.

Reason code	Meaning	Countermeasure	Remarks
502	No previous online conditions exist in the status file.	--	Probable cause of the error is that an error occurred while writing the status during previous startup.

Reason code	Meaning	Countermeasure	Remarks
503	An error occurred during I/O processing of the status record.	If restarting fails, follow the instruction shown by the status service message (KFCA010xx) that was output before this message.	--

Legend:

--: Not applicable

KFCA01105-I (L+E)

```
now terminating journal service.
```

KFCA01106-I (L+E)

```
journal service terminated.
```

KFCA01108-W

```
error occurred while terminating journal service; continues
processing. reason code=aaaa
```

aaaa: Reason code indicating the contents of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

Countermeasure: Take countermeasures if required according to the reason code.

Reason code	Meaning	Countermeasure
101	Insufficient memory	Check the memory capacity for the next startup.
103	Network failure	Recover the system from the network failure for the next startup.
503	An error occurred during I/O processing of the status file.	Investigate the cause of error and take countermeasures for the next startup.

KFCA01109-W

```
minor error occurred while analyzing definitions for journal
service. file being analyzed: aaaaaaaa
record number=bb...bb reason code=cccc
```

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aaaaaaaa: File being analyzed

bb...bb: Record number with which an error occurred. (Up to ten numerals)

cccc: Reason code indicating the contents of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

S: Continues startup or restart processing of the journal service, ignoring the jnladdfg or jnladdpf definition command definition statement in which an error occurred; i.e., operates assuming that no definition statement exists.

Countermeasure: Check the definitions for journal service.

Reason code	Meaning	Countermeasure	Remarks
408	The jnladdfg definition command is invalid. • -g option is not specified. • File group name duplicates.	Stop the system, if required, correct the definition, and restart the system.	--
409	Specification of -g option in the jnladdpf definition command is invalid. • -g option is not specified. • The file group is not defined in jnladdfg.	Stop the system, if required, correct the definition, and restart the system.	--
410	Specification of the -e option in the jnladdpf definition command is invalid. • In the jnl_max_file_dispersion operand in the system journal service definition, 2 or a greater value is specified or the -e option is not specified. • The element file name duplicates another file name.	Stop the system, if required, correct the definition, and restart the system.	--
411	Specification of -a option in the jnladdpf definition command is invalid. • -a option is not specified.	Stop the system, if required, correct the definition, and restart the system.	--
412	Specification of -b option in the jnladdpf definition command is invalid. • -b option is not specified (when duplicated journal is specified). • The specification duplicates.	Stop the system, if required, correct the definition, and restart the system.	Duplicated journal is used.

Reason code	Meaning	Countermeasure	Remarks
413	The number of jnladdfg definitions exceeds the maximum limit.	Stop the system, if required, correct the definition, and restart the system.	The jnladdfg definitions that caused definition error are not counted.
415	The number of jnladdpf definition commands having the same file group name exceeds the value specified in the jnl_max_file_dispersion operand.	Stop the system, if required, correct the definition, and restart the system.	--
419	Specification of the set jnl_arc_name operand in the system journal service definition is invalid.	Stop the system, if required, correct the definition, and restart the system.	--
420	The set jnl_arc_name operand is specified in the system journal service definition but TP1/Multi is not installed.	Install TP1/Multi. When it is installed, check the set multi_node_option operand in the system common definition.	--
421	Two or more jnldfsv commands are specified.	Delete an unnecessary jnldfsv command, or comment out the line.	--
424	The path specified in the jnl_auto_unload_path operand that is in the system journal service definition is not a full path.	Stop the system (if required) correct the definition, and restart the system.	--

Legend:

--: Not applicable

KFCA01110-E

```
major error occurred while analyzing definitions for journal
service. file being analyzed: aaaaaaaa
record number=bb...bb reason code=cccc
```

aaaaaaaa: File name being analyzed

bb...bb: Record number with which an error occurred. (Up to ten numerals)

cccc: Reason code indicating the cause of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

S: Terminates OpenTP1 abnormally after analyzing definitions completed.

Countermeasure: Check the definitions for the journal service, and restart OpenTP1.

Reason code	Meaning	Countermeasure
406	The jnldfsv definition command is invalid. • -r option is not specified.	Correct the journal service definition, and restart the system.
422	The form specified in the jnl_arc_rec_kind part is invalid. Or an unacceptable journal record category has been specified.	Review the jnl_arc_rec_kind part of the system journal service definition and start the system again.
423	The form specified in the jnl_arc_uj_code part is invalid. Or the value in the uj record is outside the range.	Review the jnl_arc_uj_code part of the system journal service definition and start the system again.

KFCA01111-I

aaaa (*xx...xx*) journal file service started.

aaaa: Type of journal file. (Up to four alphanumeric characters)

　　sys: System journal file

　　jar: Archive journal file

xx...xx: Resource group name

KFCA01112-I

aaaa (*xx...xx*) journal file service terminated.

aaaa: Type of journal file. (Up to four alphanumeric characters)

　　sys: System journal file

　　jar: Archive journal file

xx...xx: Resource group name

KFCA01113-E (L+E)

cannot start *aaaa* (*xx...xx*) journal file service. reason code=*bbbb*

An error occurred during startup or restart processing for the journal file service.

aaaa: Type of journal file. (Up to four alphanumeric characters)

　　sys: System journal file

　　jar: Archive journal file

xx...xx: Resource group name

bbbb: Reason code indicating the cause of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

S: Terminates OpenTP1.

Countermeasure: Take countermeasures according to the reason code. Then, restart OpenTP1.

Reason code	Meaning	Countermeasure
101	Insufficient memory	Check the amount of used memory.
103	Network failure	Recover the system from the failure and restart it.
114	The message queue ID table in the system does not have a free area.	Re-configure the kernel by changing the maximum allowable number of message queues specified in the system parameter. For details, see the relevant OS documentation.
116	An attempt was made to re-create the deleted message queue, but failed due to lack of free area in the message queue ID table in the system.	Use the current node for journal operation until the next normal start or restart. Reconfigure the kernel by changing the maximum allowable number of message queues specified in the system parameter. For details, see the relevant OS documentation.
405	An error is detected during definition analysis processing.	Check and correct the definition file. Then, restart the system. Message KFCA002*XX* shows details of the error.
414	The number of valid journal file group definitions is smaller than the minimum number of generations required for system startup.	Correct the system journal service definition or the `jnladdfg` definition for the archive journal service definition, and then restart the system.
416	The number of `jnladdpf` definition commands having the same file group name is smaller than the value specified in the `jnl_min_file_dispersion` operand.	Correct the system journal service definition or the `jnladdpf` definition for the archive journal service definition, and then restart the system.
418	The value specified in the `jnl_min_file_dispersion` operand is greater than the value specified in the `jnl_max_file_dispersion` operand in the system journal service definition or archive journal service definition.	Correct the values of the `jnl_max_file_dispersion` and `jnl_min_file_dispersion` operands in the system journal service definition or archive journal service definition.

Reason code	Meaning	Countermeasure
420	The set jnl_arc_name operand is specified in the system journal service definition. TP1/Multi, however, is not installed.	Install TP1/Multi if it is not installed. If it is installed, check the multi_node_option operand is specified in the system common definition.
425	The value specified in the `jnl_arc_max_datasize` operand in the system journal service definition is incorrect.	Correct the value of the `jnl_arc_max_datasize` operand, and then restart the system.
426	A value greater than 1020 is specified in the `jnl_arc_max_datasize` operand in the system journal service definition or archive journal service definition, but a small value is specified in the `rpc_max_message_size` operand in the system common definition.	Correct the value of the `jnl_arc_max_datasize` operand or the `rpc_max_message_size` operand, and then restart the system.
427	The value specified in the `jnl_arc_buff_size` operand in the system journal service definition is invalid.	Correct the value of the `jnl_arc_buff_size` operand, and then restart the system.
503	An error occurred during I/O processing of the status file.	Investigate the cause of error, correct the error, and restart the system.
506	An error occurred while starting the journal I/O service process.	
510	An error occurred during the journal file check processing.	Investigate the cause of error, correct the error, and restart the system. Details of the cause of the error are displayed before this message.
513	An error occurred while starting the service recovery journal service.	

KFCA01114-W

```
error occurred while terminating aaaa (xx...xx) journal file
service; continues processing. reason code=bbbb
```

aaaa: Type of journal file. (Up to four numerals)

   sys: System journal file

   jar: Archive journal file

xx...xx: Resource group name

bbbb: Reason code indicating the cause of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

Note

The next journal service will be started normally even if this message is output.

S: Continues termination processing.

Countermeasure: Take countermeasures if required according to the reason code.

Reason code	Meaning	Countermeasure
101	Insufficient memory	Check the memory capacity for the next startup.
103	Network failure	Recover the system from the network failure for the next startup.
503	An error occurred during I/O processing of the status file.	Investigate the cause of the error and take countermeasures for the next startup.
511	An error occurred during termination processing for the journal file.	Investigate the cause of the error and take countermeasures for the next startup. Details of the cause of the error are displayed before this message.

KFCA01115-E (L+E)

```
cannot start I/O service of aaaa (xx...xx) journal file. reason
code=bbbb
```

aaaa: Type of journal file. (Up to four numerals)

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

bbbb: Reason code indicating the cause of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

S: Terminates OpenTP1.

Countermeasure: Take countermeasures according to the reason code. Then, restart OpenTP1.

Reason code	Meaning	Countermeasure
101	Insufficient memory	Check the amount of used memory.
103	Network failure	Recover the system from the failure, and restart the system.

Reason code	Meaning	Countermeasure
405	An error occurred during definition analysis processing of the status file.	Check and correct the definition file, and restart the system. Message KFCA002xx shows the details of the error.
503	An error occurred during I/O processing of the status file.	Investigate the cause of the error, correct the error, and restart the system.

KFCA01116-W

```
error occurred while terminating I/O service of aaaa (xx...xx)
journal file; continues processing. reason code=bbbb
```

aaaa: Type of journal file. (Up to four numerals)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

bbbb: Reason code indicating the cause of the error. (Up to four numerals)

    The table below shows the reason codes and countermeasures.

Note

    The next journal service will be started normally even if this message is output.

S: Continues termination processing.

Countermeasure: Take countermeasures if required according to the reason code.

Reason code	Meaning	Countermeasure
101	Insufficient memory	Check the memory capacity for the next startup.
103	Network failure	Recover the system from the network failure for the next startup.
503	An error occurred during I/O processing of the status file.	Investigate the cause of the error and take countermeasures for the next startup.

KFCA01117-I

```
journal command service started.
```

KFCA01118-I

```
journal command service terminated.
```

KFCA01119-E (L+E)

```
cannot start journal command service. reason code=aaaa
```

An error occurred during startup processing for the journal command service.

aaaa: Reason code indicating the cause of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

S: Investigate the cause that prevents the command service from starting according to the reason code, take countermeasures, and restart OpenTP1.

Countermeasure: Investigate the cause of the error according to the reason code, and restart OpenTP1.

Reason code	Meaning	Countermeasure
101	Insufficient memory	Check the memory capacity.
103	Network failure	Recover the system from the failure, and restart the system.
405	An error occurred during definition analysis processing.	Check and correct the definition file, and restart the system. Message KFCA002xx shows the details of the error.
503	An error occurred during I/O processing of the status file.	Investigate the cause of the error, correct the error, and restart the system.

KFCA01120-W

```
error occurred while terminating journal command service;
continues processing. reason code=aaaa
```

aaaa: Reason code indicating the cause of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

Note

The next journal service will be started normally even if this message is output.

Countermeasure: Investigate the cause that prevents the command service from terminating normally according to the reason code, and take countermeasures if required.

223

Reason code	Meaning	Countermeasure
101	Insufficient memory	Check the memory capacity for the next startup.
103	Network failure	Recover the system from the network failure for the next startup.
503	An error occurred during I/O processing of the status file.	Investigate the cause of the error and take countermeasures for the next startup.

KFCA01121-E

```
insufficient memory. required memory size=aa...aa area type: bb...bb
```

aa...aa: Size of memory that failed to be reserved. (Up to ten numerals)

bb...bb: Type of insufficient memory area. (Up to 15 alphanumerics)

STATIC_SHMPOOL: Static shared memory

S: Stops processing.

Countermeasure: Check the system definition and retry.

KFCA01125-E

```
server aa...aa(bbb) cannot use journal service because of cccc-dd.
```

aa...aa: Server name (Up to eight alphanumerics)

bbb: OpenTP1 internal code

cccc: Reason code (Up to four numerals)

The table below shows the reason codes and countermeasures.

dd: OpenTP1 internal code

S: Follow the message that will be output for the server *aaaaaaaa* after this message.

O: Take a proper action according to the reason code.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
101	Insufficient memory	Follow the message that will be output after this message.	Re-estimate the memory.
104	The journal service is not online.	Stop and then restart the system.	Investigate the cause that prevents OpenTP1 from starting normally.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
903	Another server having the same name attempted to use the journal service.	--	Check the server name or the startup mode.
904	Since the journal service has started normally, the server cannot be restarted.	--	Follow the message that will be output after this message.
905	Providing the journal service for the server is impossible due to an access error in the status file.	--	Investigate the cause of access error in the status file.
906	The journal required for restarting the server cannot be found due to I/O error or other failures in the journal file.	--	Investigate the cause of journal file error as required.
907	An attempt was made to start the server that requires checkpoint service while no checkpoint service was defined.	Follow the message that will be output after this message.	Add the checkpoint service definition as required, or check the journal service definition for errors.
908	Checkpoint service is defined for the server that does not use the checkpoint service.	--	Delete the checkpoint service definition from the journal service definition, or check the checkpoint service definition for errors.

Legend:

--: Not applicable

KFCA01126-E

```
cannot initialize journal service. reason code=aaaa
```

The journal service within the node cannot be initialized for the reason indicated by the reason code.

aaaa: Reason code.

The table below lists the reason codes.

S: Stops OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Proceed as indicated by the reason code and restart OpenTP1.

Reason code	Meaning	Countermeasure
111	jar_conf=Y is specified in the system configuration definition, even though the function is not a multinode option function.	Install TP1/Multi if it has not yet been installed. If it is installed, check the multi_node_option operand of the system common definition.

KFCA01127-I (L+E)

```
journal service will now start in Journal File Less mode.
```

KFCA01141-E (E)

```
the command cannot be executed because Journal File Less mode is
specified. command name: aa....aa
```

The command could not be executed because the execution environment was journal fileless mode. To execute the command, specify N in the jnl_fileless_option operand in the system common definition to cancel the journal fileless mode.

aa....aa: Name of the command that cannot be executed

S: Terminates the command.

KFCA01160-I

```
The aaaa(xx....xx) journal utility service has started.
```

Startup or restart processing of the journal utility service has started.

aaaa: Type of journal file (Up to four alphanumeric characters)

sys: System journal file

xx....xx: Resource group name

KFCA01161-I

```
The aaaa(xx....xx) journal utility service has finished.
```

Termination processing of the journal utility service has finished.

aaaa: Type of journal file (Up to four alphanumeric characters)

sys: System journal file

xx....xx: Resource group name

KFCA01162-E (L+E)

```
The aaaa(xx....xx) journal utility service cannot be started.
(reason code = bbbb)
```

An error occurred during startup or restart processing of the journal file service.

aaaa: Type of journal file (Up to four alphanumeric characters)

    `sys`: System journal file

xx....xx: Resource group name

bbbb: Reason code indicating the contents of the error (Up to four numerals)

    101: Memory is insufficient.

    103: A network failure occurred.

    405: An error was detected during definition analysis processing.

    503: An error occurred during I/O processing of the status file.

S: Terminates OpenTP1.

O: Take action according to the reason code.

    101: Check the memory usage.

    103: After restoring the network, restart the system.

    405: Check and correct the definition file. Then, restart the system. Message KFCA002xx shows the details of the error.

    503: Investigate the cause of the error, correct the error, and restart the system.

KFCA01163-W

```
An error occurred while the aaaa(xx....xx) journal utility was
finishing, but processing will continue. (reason code = bbbb)
```

An error occurred during termination processing of the journal file service.

aaaa: Type of journal file (Up to four alphanumeric characters)

    `sys`: System journal file

xx....xx: Resource group name

bbbb: Reason code indicating the contents of the error (Up to four numerals)

    101: Memory is insufficient.

    103: A network failure occurred.

S: Terminates OpenTP1. The next journal service will be started normally even if this message is output.

O: Take action according to the reason code for the next startup.

　　101: Check memory usage.

　　103: Restore the network.

KFCA01168-W

The *aaaa*(*xx....xx*)*bb....bb* is already unloaded. Unloading will now be canceled.

Unload processing of the target file group will now be canceled.

aaaa: Type of journal file (Up to four alphanumeric characters)

　　sys: System journal file

xx....xx: Resource group name

bb....bb: Journal file group name

KFCA01169-W

The *aaaa*(*xx....xx*) definition phrase is invalid. Startup will be in a mode that does not use the automatic unload function of the journal file.

The jnl_auto_unload_path operand has an error. The automatic unload function cannot be used.

aaaa: Type of journal file (Up to four alphanumeric characters)

　　sys: System journal file

xx....xx: Resource group name

S: Continues startup of OpenTP1.

O: Check whether the format of the specified path name is correct.

KFCA01170-I (L+E)

The automatic unload function of the *aaaa*(*xx....xx*) journal file has started.

The automatic unload function has started.

aaaa: Type of journal file (Up to four alphanumeric characters)

　　sys: System journal file

228

xx....xx: Resource group name

KFCA01171-I

```
Automatic unloading of the aaaa(xx....xx) journal file will now
start. (file group name: bb....bb)
```

Unload processing using the automatic unload function will now start.

aaaa: Type of journal file (Up to four alphanumeric characters)

> sys: System journal file

xx....xx: Resource group name

bb....bb: Name of the file group for which automatic unload processing is being executed

KFCA01172-I

```
Automatic unloading of the aaaa(xx....xx) journal file has
completed. (file group name: bb....bb, generation number = cccc,
head block number = dddd, last block number = eeee, unload file
name: ff....ff)
```

Unload processing using the automatic unload function has finished normally.

aaaa: Type of journal file (Up to four alphanumeric characters)

> sys: System journal file

xx....xx: Resource group name

bb....bb: Journal file group name

cccc: Journal generation number (Up to eight hexadecimal numbers)

dddd: First journal block number in the file (Up to eight hexadecimal numbers)

eeee: Last journal block number in the file (Up to eight hexadecimal numbers)

ff....ff: Unload journal file name

KFCA01173-W

```
The automatic unload function of the aaaa(xx....xx) journal file has
stopped.(reason code = bbbb)
```

The automatic unload function will now stop.

aaaa: Type of journal file (Up to four alphanumeric characters)

> sys: System journal file

xx....xx: Resource group name

bbbb: Reason code indicating the contents of the error (Up to four numerals)

1617: The `jnlatunl` command stopped the automatic unload function.

1618: There is no directory in which the unload journal file, after the switch, can be created.

1619: An error occurred during unload processing of the journal file by the journal file automatic unload function.

S: Stops the automatic unload function for the journal file, and continues system operation.

O: Take action according to the reason code.

1618: Investigate the cause of the error and recover the directory in which the unload journal file after the change is created. Then, execute the `jnlatunl` command to restart the automatic unload function. The *KFCA01177-E* or *KFCA01179-W* message shows the details of the error.

1619: Investigate the cause of the error and correct the source of the error. Then, execute the `jnlatunl` command to restart the automatic unload function. The *KFCA01178-E* message shows the details of the error.

KFCA01174-W

aaaa(*xx....xx*) `automatic unloading is processing but will now be interrupted.(reason code =` *bbbb*`)`

Unload processing by the automatic unload function is in progress, but will be interrupted.

aaaa: Type of journal file (Up to four alphanumeric characters)

`sys`: System journal file

xx....xx: Resource group name

bbbb: Reason code indicating the contents of the error (Up to four numerals)

105: A timeout was detected during automatic unload processing. Retry automatic unload processing or use the `jnlunlfg` command to unload the file.

1617: The `jnlatunl` command stopped the automatic unload function.

S: Interrupts unload processing by the automatic unload function.

O: Correct the error, and then execute the `jnlatunl` command to restart the automatic unload function.

KFCA01175-I

Waiting for *aaaa*(*xx....xx*) automatic unloading to finish.

The system will wait for termination of unload processing by the automatic unload function.

aaaa: Type of journal file (Up to four alphanumeric characters)

> sys: System journal file

xx....xx: Resource group name

KFCA01176-I

aa....aa will be set as a *bbbb*(*xx....xx*) automatic unload destination directory.

The directory in which the unload journal file will be created will be allocated.

aa....aa: Name of the allocated directory in which the unload journal file will be created (absolute path)

bbbb: Type of journal file (Up to four alphanumeric characters)

> sys: System journal file

xx....xx: Resource group name

KFCA01177-E

An error occurred in the file during *aaaa*(*xx....xx*) automatic unloading. (unloading file name: *bb....bb*, reason code = *cccc*)

An error occurred during I/O to the unload journal file.

aaaa: Type of journal file (Up to four alphanumeric characters)

> sys: System journal file

xx....xx: Resource group name

bb....bb: Unload journal file name (absolute path)

cccc: Reason code indicating the contents of the error (Up to four numerals)

> 303: An error occurred when opening the file created on the OS file.

> 304: An error occurred when closing the file created on the OS file.

> 305: An error occurred during access to the file created on the OS file.

> 306: There is no access permission for the file.

231

O: Correct the error in the automatic unload destination directory according to the reason code, and then execute the `jnlatunl` command to restart processing.

303: Examine the cause of the error according to the preceding `open` system call error message.

304: Examine the cause of the error according to the preceding `close` system call error message.

305: Examine the cause of the error according to the preceding `write` system call error message.

306: Examine the cause of the I/O error, and take corrective action.

KFCA01178-E

An error occurred during *aaaa*(*xx....xx*) automatic unloading. (reason code = *bbbb*)

An error occurred during processing the automatic unload function.

aaaa: Type of journal file (Up to four alphanumeric characters)

sys: System journal file

xx....xx: Resource group name

bbbb: Reason code indicating the contents of the error (Up to four numerals)

101: Memory is insufficient.

103: A network failure occurred.

209: An I/O error occurred during access to the journal file created on the OpenTP1 file system.

503: An error occurred during I/O processing of the status file.

1602: Block omission was detected in the journal file. The journal file may have been corrupted.

1607: The file group is not used for online processing.

1612: An error occurred during access to the journal file.

S: Stops the automatic unload function.

O: Correct the error according to the reason code, and then execute the `jnlatunl` command to restart the automatic unload function.

101: Check memory usage.

103: After restoring the network, restart the system.

209: Investigate the cause of the I/O error, and take countermeasures.

Alternatively, re-create the OpenTP1 file system on another disk device or in another partition.

> If an attempt to read the journal file failed, the system only cancels unload processing and does not stop the automatic unload function. In this case, execute the `jnlunlfg` or `jnlchgfg` command to put the journal file in the unloaded state.

503: Investigate the cause of the error, correct the error, and then restart the system.

1602: Cancel unloading of the file group, and then contact the OpenTP1 system administrator and maintenance personnel.

1612: Take action according to the previous system call error message or the *KFCA04191-E* message.

KFCA01179-W

```
The aaaa(xx....xx) automatic unload destination directory cannot be
changed. (change destination = bb....bb, reason code = cccc)
```

An error occurred when the automatic unload destination directory was being changed.

aaaa: Type of journal file (Up to four alphanumeric characters)

> `sys`: System journal file

xx....xx: Resource group name

bbbb: Name of the automatic unload directory after the change (absolute path name)

cccc: Reason code indicating the contents of the error (Up to four numerals)

> 308: The specified directory for the change does not exist.

> 309: The specified directory for the change is not a directory.

> 1620: The unload journal file that was previously created is in the automatic unload destination directory.

S: Changes the automatic unload destination directory to the next defined directory. If none of the defined automatic unload destination directories can be used, the system stops the automatic unload function.

O: Correct the error according to the reason code, and then execute the `jnlatunl` command to restart the automatic unload function.

> 308: Use the OS command to check the directory in which the error occurred.

> 1620: Move the unload journal file, or delete unnecessary unload journal files.

KFCA01180-E

```
skipped blocks detected while reading journal. file type: aaaa
(xx...xx), previous read point: bb...bb, cc...cc, current read point:
dd...dd, ee...ee, read direction: g
```

aaaa: Type of journal file. (Up to four alphanumeric characters)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

bb...bb: Journal file group name that is read immediately before the skipped block. (Up to eight characters)

cc...cc: Journal block number that is read immediately before the skipped block. (Up to eight hexadecimal numbers)

dd...dd: Currently read journal file group name. (Up to eight characters)

ee...ee: Currently read journal block number (Up to eight hexadecimal numbers)

g: Read direction of the journal blocks

    f: Forward

    b: Reverse

Note

If the read journal block does not exist, ******** will be displayed for each of *bb...bb* and *cc...cc*.

S: Continues processing.

Countermeasure: Investigate the cause of the error based on the following messages:

- *KFCA01181-E*
- *KFCA01183-E*
- *KFCA01184-E*

If the cause of error cannot be determined, contact the maintenance personnel.

KFCA01181-E

```
journal read error. file type: aaaa (xx...xx), read point: bb...bb,
cc...cc, read direction: d, element file name: ee...ee, system A/B: f,
reason code=gggg-hh
```

aaaa: Type of journal file. (Up to four alphanumeric characters)

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

bb...bb: File group name (Up to eight characters)

cc...cc: Block number (Up to eight hexadecimal numbers)

d: Read direction of the journal blocks

f: Forward

b: Reverse

ee...ee: element file name (Up to eight alphanumeric characters)

f: System in which an error occurred.

a: System A

b: System B

gggg: Reason code (Up to four numerals)

213: The file group being entered contains a file that is not opened.

214: The file group being entered contains a shutdown state file.

215: The file group being entered contains the read-inhibited file.

209: An I/O error occurred in the file group being entered.

hh: OpenTP1 internal code

S: Continues processing.

Countermeasure: Investigate the cause of the error according to the reason code of this message or of the message *KFCA01203-E* if it was output before this message.

KFCA01182-I

```
generation file groups are changed to enable further reading of
journal blocks. file type: aaaa (xx...xx), from: bb...bb, cc...cc, to:
dd...dd, ee...ee, read direction: g
```

aaaa: Type of journal file. (Up to four alphanumeric characters)

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

bb...bb: File group name before the change. (Up to eight characters)

cc...cc: Generation number before the change. (Up to eight hexadecimal numbers)

dd...dd: File group name after the change. (Up to eight characters)

ee...ee: Generation number after the change. (Up to eight hexadecimal numbers)

g: Read direction of the journal blocks

    f: Forward

    b: Reverse

KFCA01183-E

```
skipped generations detected while reading journal blocks. file
type: aaaa (xx...xx) range: bb...bb, cc...cc to dd...dd, ee...ee, skipped
generations: ff...ff to gg...gg, read direction: h
```

aaaa: Type of journal file. (Up to four alphanumeric characters)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

bb...bb: First journal file group name for reading journal blocks. (Up to eight characters)

cc...cc: First journal generation number for reading journal blocks. (Up to eight hexadecimal numbers)

dd...dd: Last journal file group name for reading journal blocks. (Up to eight characters)

ee...ee: Last journal generation number for reading journal blocks. (Up to eight hexadecimal numbers)

ff...ff: First generation number of the skipped generations. (Up to eight hexadecimal numbers)

gg...gg: Last generation number of the skipped generations. (Up to eight hexadecimal numbers)

h: Read direction of the journal blocks

    f: Forward

    b: Reverse

Note

When the journal service is recovered, ******** will be displayed for each of *dd...dd* and *ee...ee*. If only one generation is skipped, *ff...ff* and *gg...gg* show the

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same number.

S: Continues processing.

Countermeasure: Investigate the cause of the error based on the message *KFCA01240-E.*

KFCA01184-E

```
invalid journal data was detected while reading journal. file
type: aaaa (xx...xx), read point: bb...bb,cc...cc, read direction: d,
element file name: ee...ee, system A/B: f
```

aaaa: Type of journal file. (Up to four alphanumeric characters)

> sys: System journal file
>
> jar: Archive journal file

xx...xx: Resource group name

bb...bb: Journal file group name in which an error was detected. (Up to eight characters)

cc...cc: Block number of the journal that was to be read. (Up to eight hexadecimal numbers)

d: Read direction of the journal block

> f: Forward
>
> b: Reverse

ee...ee: element file name (Up to eight alphanumeric characters)

f: System in which an error occurred.

> a: System A
>
> b: System B

S: Continues processing.

Countermeasure: The journal file may have been destroyed when this message is displayed. Stop the operation of this journal file and investigate the cause of the error.

KFCA01185-E

```
cannot read file group while reading journal. file type: aaaa
(xx...xx), read point: bb...bb, cc...cc, read direction: d, reason
code=eeee-ff
```

aaaa: Type of journal file. (Up to four alphanumeric characters)

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sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

bb...bb: File group name (Up to eight characters)

cc...cc: Block number (Up to eight hexadecimal numbers)

d: Read direction of the journal block

f: Forward

b: Reverse

eeee: Reason code (Up to four numerals)

1001: The file group cannot be read because its last journal position is lost.

1002: Among the element files of the file group, the element files necessary for reading cannot be opened or have been initialized. The file group cannot be read.

ff: OpenTP1 internal code

S: Continues processing.

KFCA01200-E (L+E)

```
failure to open aaaa (xx...xx) journal file. element file:
bb...bb,system A/B: c, reason code=dddd-ee
```

The physical file cannot be opened.

aaaa: Type of journal file. (Up to four alphanumeric characters)

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

bb...bb: Element file name (Up to eight alphanumerics)

c: System

a: System A

b: System B

dddd: Reason code (Up to four numerals)

ee: OpenTP1 internal code

The table below shows the reason codes and countermeasures.

S: Places the file that caused error into the shutdown state and continues processing.

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O: Take a proper action according to the reason code.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
101	Insufficient memory	--	Re-estimate the memory.
202	The specified special file name is not a character-type special file, or no device is connected for the special file.	--	Check the physical file specification in the jnladdpf command for system journal service definition.
203	The device specified by *path* is not initialized for OpenTP1 file system.	--	
207	Opening the character-type special file causes the number of opened files to exceed the upper limit.	Close any file that the journal service is not currently using, and open the special file.	Check the upper limit of the number of files that can be opened in one process, and, if necessary, re-create the kernel.
208	Access to the specified special file is not authorized.	Enter the fills command to check the access authority for OpenTP1 files.	--
209	An I/O error occurred.	Investigate the cause of I/O error, and take countermeasures.	--
210	OpenTP1 file system versions unmatch.	Enter the filmkfs command to re-create the OpenTP1 file system. Then, enter the jnlinit command to re-create the journal file.	--
211	Access to the specified file is not authorized.	Enter the fills command to check the access authority for journal files.	--
212	The specified file does not exist.	--	Check the physical file specification in the jnladdpf command for system journal service definition.
218	The specified file cannot be used as a journal file.	Enter the jnlrm command to delete the physical file that caused error, then enter the jnlinit command to create a file.	--
219			

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Reason code	Meaning	Operator's action	OpenTP1 administrator's action
220	The specified file is not a journal file.	--	Check the physical file specification in the jnladdpf command for system journal service definition.
221	Insufficient lock segment	--	Check the number of the record lock segments that was specified during establishment of the OS.
222	An attempt was made to open the journal file that was being used by another process.	Check if another process is using the journal file. Re-open the journal file if required.	--
603	Management information on the physical file is corrupted.	Enter the jnlrm command to delete the physical file that caused the error, then enter the jnlinit command to allocate a new file.	--
605	The file construction information on the physical file differs from the current file construction.	Return the system journal service definition or global archive journal service definition to the status when the journal file was used.	--
1607	This is an initial file that has never served as a current file.	--	--

Legend:

--: Not applicable

KFCA01201-E

```
failure to close aaaa(xx...xx) journal file. element file: bb...bb,
system A/B: c, reason code=dddd-ee
```

The physical file cannot be closed.

aaaa: Type of journal file (up to four alphanumerics)

　　sys: System journal file

　　jar: Archive journal file

xx...xx: Resource group name

bb...bb: Element file name (Up to eight alphanumerics)

c: System

>   a: System A

>   b: System B

dddd: Reason code (Up to four numerals)

>   101: Insufficient memory

>   209: I/O error

>   221: Insufficient lock segments

ee: OpenTP1 internal code

S: Continues processing ignoring the error.

O: Investigate and eliminate the cause of the I/O error in the physical file. For insufficient lock segments, check the number of the record lock segments that was specified during establishment of the OS.

Countermeasure: If the memory becomes insufficient, re-estimate the memory.

KFCA01202-E

```
failure to write to aaaa(xx...xx) journal file. element file: bb...bb,
system A/B: c, reason code=dddd-ee
```

Writing to the physical file failed.

aaaa: Type of journal file (up to four alphanumerics)

>   sys: System journal file

>   jar: Archive journal file

xx...xx: Resource group name

bb...bb: Element file name (Up to eight alphanumerics)

c: System

>   a: System A

>   b: System B

dddd: Reason code (Up to four numerals)

>   209: I/O error

ee: OpenTP1 internal code

S: Places the physical file that caused the error into the shutdown state and continues

processing.

O: Investigate and eliminate the cause of the I/O error in the physical file. Then, re-assign the file to OpenTP1.

KFCA01203-E

```
failure to read from aaaa(xx...xx) journal file. element file:
bb...bb, system A/B: c, reason code=dddd-ee
```

Reading from the physical file failed.

aaaa: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

bb...bb: Element file name (Up to eight alphanumerics)

c: System

    a: System A

    b: System B

dddd: Reason code (Up to four numerals)

    209: I/O error

ee: OpenTP1 internal code

S: Continues processing ignoring the error.

O: Investigate and eliminate the cause of the I/O error in the physical file. Then, re-assign the file to OpenTP1.

KFCA01204-E

```
error occurred while handling aaaa(xx...xx) journal element file.
reason code=bbbb-cc
```

An error occurred while handling (opening or closing, or reading or writing) the element file.

aaaa: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

bbbb: Reason code (Up to four numerals)

The table below shows the reason codes and countermeasures.

cc: OpenTP1 internal code

S: Stops OpenTP1.

Countermeasure: Take appropriate action according to the reason code, and then restart OpenTP1.

Reason code	Meaning	Countermeasure
101	Memory is insufficient.	Re-estimate the memory.
103	A network failure occurred.	Investigate the cause of the network failure, take corrective action, and then restart OpenTP1.
105	An RPC timeout occurred.	Investigate the cause of the RPC timeout and correct the source of the error.
116	The message queue cannot be re-created.	Check the kernel parameters and modify the environment so that a message queue can be created.

KFCA01215-I

```
file group bb...bb of aaaa(xx...xx) journal is opened.
```

The journal file group is opened.

aaaa: Type of journal file (up to four alphanumerics)

　　sys: System journal file

　　jar: Archive journal file

xx...xx: Resource group name

bb...bb: Opened file group name (Up to eight alphanumerics)

KFCA01216-I

```
file group bb...bb of aaaa(xx...xx) journal is closed.
```

The journal file group is closed.

aaaa: Type of journal file (up to four alphanumerics)

　　sys: System journal file

　　jar: Archive journal file

xx...xx: Resource group name

bb...bb: Closed file group name (Up to eight alphanumerics)

KFCA01217-I

```
file group bb...bb of aaaa(xx...xx) journal became available.
```

The journal file group became available to OpenTP1.

aaaa: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

bb...bb: Journal file group name that became available. (Up to eight alphanumerics)

KFCA01218-I

```
file group bb...bb of aaaa(xx...xx) journal became unavailable.
```

The journal file group became unavailable to OpenTP1.

aaaa: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

bb...bb: Journal file group name that became unavailable. (Up to eight alphanumerics)

KFCA01220-E

```
request to swap aaaa(xx...xx) journal file cannot be executed
because there is no standby file group available.
```

There is no available alternate journal file because:

1. There is no standby journal file,

   or

2. The standby file group is any of the following:

   - Waiting for unloading

   - Cannot be released. (Checkpoint dump for the journal file is being taken.)

   - Being read for OpenTP1 recovery processing.

   - Being used for command processing.

aaaa: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

S: Stops the system.

Countermeasure: Check the status of the journal file group shown in the *KFCA04160-I* message following this message. Then, make the journal file available, or add a journal file.

KFCA01221-I

aaaaaaaa was assigned as current file group of *bbbb*(*xx...xx*) journal file. generation number=*cc...cc*, first block number=*dd...dd*

The journal file was assigned to the journal file group.

aaaaaaaa: Name of the assigned journal file group

bbbb: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

cc...cc: Journal generation number (Up to eight hexadecimal numbers)

dd...dd: First journal block number in the file (Up to eight hexadecimal numbers)

KFCA01222-I

aaaaaaaa was released from *bbbb*(*xx...xx*) journal file. generation number=*cc...cc*, first block number=*dd...dd*, last block number=*ee...ee*

The journal was released from the journal file group.

aaaaaaaa: Name of the released journal file group

bbbb: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

cc...cc: Journal generation number (Up to eight hexadecimal numbers)

dd...dd: First journal block number in the file (Up to eight hexadecimal numbers)

ee...ee: Last journal block number in the file (Up to eight hexadecimal numbers)

"0" means that no journal is output for the file.

KFCA01223-E

```
error occurred during aaaa(xx...xx) journal swap processing. reason
code=bbbb
```

aaaa: Type of journal file

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

bbbb: Reason code (Up to four numerals)

101: Insufficient memory

103: Network failure caused by any of the following:

- Hardware failure in the Ethernet board or cable.

- Incorrect network definition

- Target node is not running, or OpenTP1 is not running on the node.

- Target process is not being executed.

105: Timeout

S: Stops the system.

O: For reason code 103:

1. Check the node connection status using the command provided by the OS.

2. Check the execution status for servers using the command provided by OpenTP1.

For reason code 105:

1. Check the definition file.

Countermeasure: For reason code 101, re-estimate the memory. For reason code 105, check max_socket_descriptors in the system journal service definition file.

KFCA01224-I

```
aaaa(xx...xx) journal does not have standby file group available for
next swapping.
```

Prepare a standby journal file group for the next swapping.

aaaa: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

O: Unload any journal file group which is not unloaded yet. If all journal file groups have been unloaded, open the reserved file in the reserved file group, if any.

KFCA01225-I

```
request to swap aaaa(xx...xx) journal occurred, but no standby file
group available. system opened file groups having been closed to
get available standby.
```

Request to swap the *aaaa* journal occurred, and reserved file was opened because the transaction that had been processed in the previous online was not determined yet.

aaaa: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

KFCA01226-E

```
bb...bb file group of aaaa(xx...xx) journal was opened but cannot be
assigned as current file group; now closing.
```

Closed file was opened, but will be closed again because it cannot be assigned as a current file group due to the journal group status which was not unloaded.

aaaa: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

bb...bb: Opened journal file group name. (Up to eight alphanumerics)

KFCA01240-E

```
element file aa...aa cannot be used as bbbb(xx...xx) journal file. file
group: cc...cc, system A/B: d, reason code=eeee
```

This element file cannot be used as a journal file. Reason codes indicate the reason.

aa...aa: Name of journal element file in which an error occurred. (Up to eight alphanumerics)

bbbb: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

cc...cc: Journal file group name in which an error occurred. (Up to eight alphanumerics)

d: System in which an error occurred.

    a: System A

eeee: Reason code (Up to four numerals)

    The table below shows the reason codes and countermeasures.

S: Separates the file and continues processing.

O: Take a proper action according to the reason code.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
223	Insufficient capacity to store the maximum record data defined.	Ask the OpenTP1 administrator what the estimated file capacity should be and check the current file capacity. If it is incorrect, re-create the file with correct capacity.	Check that the maximum record data length in the definition is correct. If it is incorrect, re-estimate the file capacity and change the definition. If the maximum record data length is correct, ask the operator to re-create the file with the estimated file capacity.
601	Failed in opening the physical file	Follow the message *KFCA01200-E* or *KFCA01203-E* that was output immediately before this message.	--
602	Failed in reading the physical file management information		
603	Management information on the physical file has been destroyed.	Initialize the file.	
604	The system information on the physical file differs from the current system. File for another system may be destroyed.	Ask the OpenTP1 administrator whether the file is available to the current system. If it is available, initialize the file.	Check that the file is for another system. If it is used by another system, change the definition not to use the file.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
605	The file configuration on the physical file differs from the current file configuration. The file configuration may have been changed.	Ask the OpenTP1 administrator whether the file configuration has been changed. If it has not been changed, initialize the file.	Check the definition to see whether the journal group using the file or the element file has been changed. If the file configuration has been changed, resume the file configuration in definition.
606	Physical file is a current file.	This file possibly caused error during the previous use. Do one of the following: • Unload the journal information. • Change the file status. • Initialize the file.	--

Legend:

--: Not applicable

Note

Initialize the file in the following procedure.

1. Delete the file using the jnlrm command.

2. Re-create the file using the jnlinit command.

Use the jnlchgfg command to change the file status.

Use the jnlunlfg command to unload the journal information.

KFCA01250-I

aaaa(*xx...xx*) journal file group *bb...bb* is not unloaded; unload.

The journal file group cannot be made a standby for swapping because the journal information is not unloaded. Unload the journal information.

aaaa: Type of journal file (up to four alphanumerics)

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

bb...bb: Journal file group that is not unloaded (up to eight alphanumerics)

S: Continues journal service start processing.

O: Execute the `jnlunlfg` command to unload the journal information.

KFCA01251-E

aaaa(*xx...xx*) `journal file group` *bb...bb* `is in invalid state; change`
`file group state.`

The journal file group is in an invalid state because an error occurred during the online mode last time. The journal cannot be obtained in this state. Unload the journal information or change the journal file group state.

aaaa: Type of journal file (up to four alphanumerics)

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

bb...bb: Journal file group in invalid state (up to eight alphanumerics)

S: Continues journal service start processing.

O: Execute the `jnlunlfg` command to unload the journal information, or execute the `jnlchgfg` command to change the journal file group state.

KFCA01255-W

`number of available file groups of` *aaaa*(*xx...xx*) `journal is`
`insufficient; open journal file groups.`

The number of available journal file groups is insufficient. Continuing operation in this state prevents changing the destination for obtaining the journal. Open the journal file group immediately.

aaaa: Type of journal file (up to four alphanumerics)

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

S: Continues processing.

O: Enter the jnlopnfg command to open the closed file group.

KFCA01256-E

`no standby file groups of` *aaaa*(*xx...xx*) `journal are available.`

The current journal file group cannot be determined because no journal file group is

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available as the destination for obtaining the journal.

See the *KFCA04160-I* message to check the status of the journal file group, and then make the journal file available.

aaaa: Type of journal file (up to four alphanumerics)

> sys: System journal file

> jar: Archive journal file

xx...xx: Resource group name

S: Outputs the *KFCA01113-E* message and cancels journal service start processing.

O: Remove the cause that disabled determining the current file group.

KFCA01257-E

cannot restore current *aaaa*(*xx...xx*) journal file group.

The current journal file group cannot be restored because all files used in online mode last time have been initialized.

aaaa: Type of journal file (up to four alphanumerics)

> sys: System journal file

> jar: Archive journal file

xx...xx: Resource group name

S: Outputs the *KFCA01113-E* message and cancels journal service start processing.

O: Start OpenTP1 normally.

KFCA01258-W

aaaa (*xx...xx*) journal file group with which to swap was not found; ignores "rerun swap" and continues processing.

aaaa: Type of journal file (up to four alphanumerics)

> sys: System journal file

> jar: Archive journal file

xx...xx: Resource group name

S: Continues journal service restart processing.

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KFCA01260-E

```
journal generation file subject to system recovery was not
found; stops recovery processing. file type: aaaa (xx...xx)
```

aaaa: Type of journal file (up to four alphanumerics)

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

S: For the system journal file, stops the system. For the archive journal file, stops reading the journal and continues system restart.

Countermeasure: Examine the cause of the error according to the *KFCA01240-E* message.

KFCA01261-E

```
error occurred while reading journal; stops recovery processing.
file type: aaaa (xx...xx)
```

aaaa: Type of journal file (up to four alphanumerics)

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

S: For the system journal file, stops the system. For the archive journal file, stops reading the journal and continues system restart.

Countermeasure: Examine the cause of the error according to one of the following messages, which is output immediately after this *KFCA01261-E* message.

- *KFCA01180-E*
- *KFCA01181-E*
- *KFCA01183-E*
- *KFCA01184-E*

KFCA01262-I

```
journal block reading started. file type: aaaa (xx...xx), read start
point: bb...bb, cc...cc, dd...dd
```

Journal reading started during system recovery.

aaaa: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

bb...bb: File group name with which reading starts (up to eight alphanumerics)

cc...cc: Generation number with which reading starts (hexadecimal number up to eight digits)

dd...dd: Block number with which reading starts (hexadecimal number up to eight digits)

KFCA01263-I

```
journal block reading completed. file type: aaaa (xx...xx)
read end point: bb...bb, cc...cc, dd...dd
```

Journal reading completed during system recovery.

aaaa: Type of journal file (up to four alphanumerics)

    sys: System journal file

    jar: Archive journal file

xx...xx: Resource group name

bb...bb: File group name with which reading ends (up to eight alphanumerics)

cc...cc: Generation number with which reading ends (hexadecimal number up to eight digits)

dd...dd: Block number with which reading ends (hexadecimal number up to eight digits)

Note

If no journal block is entered, ********, ********, ******** is displayed in place of *bb...bb*, *cc...cc*, *dd...dd*.

KFCA01264-E (E)

```
error occurred during inter-system adjustment of duplicated
journal files. file type: aaa (xx...xx)
```

An error occurred during inter-system journal adjustment for duplicated journal files when recovering OpenTP1.

When a journal file is duplicated, the a and b systems take different journal end points

according to the OpenTP1 termination timing. Adjusting this difference at the restart of OpenTP1 is called inter-system adjustment.

aaaa: Type of journal file (up to four alphanumerics)

sys: System journal file

jar: Archive journal file

xx...xx: Resource group name

S: Continues processing.

O: Examine the cause of the error according to either of the following messages:

- *KFCA01202-E*
- *KFCA01203-E*

KFCA01270-E (E)

```
cannot use journal file because of I/O error. element file:
aa...aa, system A/B: b
```

aa...aa: Element file with an error (up to eight alphanumerics)

b: System with an error

a: System A

b: System B

S: Continues processing.

O: Remove the cause of the error and then reenter the command.

Countermeasure: Examine and remove the cause of the I/O error.

KFCA01271-I (E)

```
unloading completed. generation number=aa...aa, start block
number=bb...bb, end block number=cc...cc
```

The range of blocks unloaded by the journal unload command is displayed.

aa...aa: Generation number of the unloaded journal file group (hexadecimal number up to eight digits)

bb...bb: Block number with which unloading started (hexadecimal number up to eight digits)

cc...cc: Block number with which unloading ended (hexadecimal number up to eight digits)

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Note

If no journal block was unloaded, ******** is displayed in place of *cc...cc*.

KFCA01272-E (E)

```
cannot unload journal file. element file: aa...aa, system A/B: b,
reason code=cccc-dd
```

An element file that cannot be unloaded exists in the file group to be unloaded.

aa...aa: Element file with an error (up to eight alphanumerics)

b: System with an error

a: System A

b: System B

cccc: Reason code (up to four numerals)

The reason codes and countermeasures are listed below.

dd: Internal code of OpenTP1

S: Continues processing.

O: Take action according to the reason code.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
220	The physical file is not jnl.	--	Check the element file name of the file group.
603	Control information on the physical file is damaged.	Cancel unloading the file group and isolate it from OpenTP1.	--
605	The configuration of the physical file differs from the definition file.	--	Check if the journal definition has changed.
1605	There is an element file with a generation different from the file group.	Ignore the element file if it is fallen back. Or, check if the physical file is manipulated after it is used as the current file.	Check if the journal definition has changed.
1607	The physical file is not used in OpenTP1.	Check the file group name specified in the command.	--

Legend:

--: Not applicable

KFCA01273-E (E)

```
cannot change journal file status. element file: aa...aa, system
A/B: b, reason code=cccc-dd
```

An element file whose status cannot be changed exists in the file group whose status is to be changed.

aa...aa: Element file with an error (up to eight alphanumerics)

b: System with an error

a: System A

b: System B

cccc: Reason code (up to four numerals)

The reason codes and countermeasures are listed below.

dd: Internal code of OpenTP1

S: Continues processing.

O: Take action according to the reason code.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
220	The physical file is not jnl.	--	Check the element file name of the file group.
603	Control information on the physical file is damaged.	Cancel unloading the file group and isolate it from OpenTP1.	--
605	The configuration of the physical file differs from the definition file.	--	Check if the journal definition has changed.
1605	There is an element file with a generation different from the file group.	Ignore the element file if it is fallen back. Or, check if the physical file is manipulated after it is used as the current file.	Check if the journal definition has changed.

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Reason code	Meaning	Operator's action	OpenTP1 administrator's action
1607	The physical file is not used in OpenTP1.	Check the file group name specified in the command.	--

Legend:

-: Not applicable

KFCA01274-E (E)

```
failure to open journal element file. element file: aa...aa, system
A/B: b, reason code=cccc-dd
```

aa...aa: Element file (up to eight alphanumerics)

b: System with an error

a: System A

b: System B

cccc: Reason code (up to four numerals)

dd: Internal code of OpenTP1

S: Continues processing.

O: Take action according to the reason code.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
101	Memory is insufficient.	Wait for the running process to end and then re-execute the command.	Re-estimate memory.
115	The file construction information on the physical file differs from the current file construction.	Return the system journal service definition or global archive journal service definition to the status when the journal file was used.	--

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
202	The specified special file name is not of character type, or no device is associated with the special file.	--	Check the physical file specification in the jnladdpf command used for system journal service definition.
203	The device specified with *path* is not initialized for the OpenTP1 file system.	--	
207	The upper limit was exceeded when opening a character-type special file.	--	--
208	There is no authority for access to the specified special file.	Check for OpenTP1 file access authority with the fills command.	Check the physical file specification in the jnladdpf command used for system journal service definition.
209	An I/O error occurred.	Examine the cause of the I/O error and take corrective action.	--
210	The OpenTP1 file system version is inconsistent.	--	Check the physical file specification in the jnladdpf command used for system journal service definition.
211	There is no authority for access to the specified file.	Check for journal file access authority with the fills command.	--
212	The specified file is not found.	--	Check the physical file specification in the jnladdpf command used for system journal service definition.
221	Lock segment shortage occurred.	--	Check the number of record lock segments specified when configuring the operating system.
222	The element file is being used by another process.	Check the operation state of the element file or the file group including the element file and then re-execute the command.	--
1607	The element file is not used online.	--	--

Legend:

--: Not applicable

KFCA01275-E (E)

```
minor error occurred while analyzing definitions for journal
service. file being analyzed: aaaaaaaa, record number=bbbbbbbbbb,
reason code=cccc
```

aaaaaaaa: Definition file being analyzed

bbbbbbbbbb: Record number with an error

cccc: Reason code that indicates the contents of the error

The reason codes and countermeasures are listed below.

S: Continues the journal service command.

Countermeasure: Check the definitions for journal service.

Reason code	Meaning	Countermeasure	Remarks
408	The jnladdfg definition command has an error. • The -g option is not specified. • The file group name overlaps with another.	The definition errors jnladdfg and jnladdpf are handled as being invalid. If necessary, correct the definition and execute the command again.	--
409	The -g option in the jnladdpf definition command is incorrectly specified. • The -g option is not specified. • The file group is not specified in the jnladdfg part.		--
410	The -e option specification in the jnladdpf definition command is incorrect: • The -e option is not specified when using a distributed journal.	Correct the definition and then re-execute the command.	--
411	The -a option specification in the jnladdpf definition command is incorrect: • The -a option is not specified; or, • No physical file is specified.	Correct the definition and then re-execute the command.	--

Reason code	Meaning	Countermeasure	Remarks
412	The -b option specification in the jnladdpf definition command is incorrect: • The -b option is not specified for duplication; or, • No physical file is specified.	Correct the definition and then re-execute the command.	--
413	The jnladdfg definition number has exceeded the maximum value.	The definition errors jnladdfg and jnladdpf are handled as being invalid. If necessary, correct the definition and execute the command again.	The jnladdfg definition handled as a definition error is not included in the definition number.
415	There are two or more jnladdpf definition commands in the same file group.		--
419	How to define the set jnl_arc_name operand has an error.	Correct the definition and execute the command again.	--

Legend:

--: Not applicable

KFCA01276-I (E)

```
OpenTP1 assumed journal file group to be unloaded. file group:
```
aaaaaaaa

Because the command option does not specify a journal file group, OpenTP1 has determined the journal file group to be unloaded. OpenTP1 chooses a file group with the oldest generation number.

aaaaaaaa: Journal file group name (identifier consisting of up to eight characters) to be unloaded

KFCA01277-W (E)

```
duplicate generation number for file groups. file group need to
be recovered: aaaaaaaa
```

There is a file group that has the same generation number as the file group to be unloaded.

The corresponding file group may involve a write failure when it is assigned as a

current file, so that the physical file's management information is invalid.

aaaaaaaa: File group name (identifier consisting of up to eight characters) that has the same generation number as the file group to be unloaded

O: When unloading without specifying a file group name, first use either of the following ways to recover the status of the file group indicated in this message

- Recover the jnlchgfg status of the file group.

- If the above operation fails, create another physical file consisting the file group.

KFCA01278-E (E)

```
major error occurred while analyzing definitions for journal
service. file being analyzed: aaaaaaaa, record number=bbbbbbbb,
reason code=cccc
```

aaaaaaaa: File name undergoing analysis

bbbbbbbbbb: Record number with the error

A 0 is shown if the record number cannot be identified because of a missing definition in the file undergoing analysis.

cccc: Reason code indicating the content of the failure

The reason code and action list is given below.

S: Continues the journal service command.

Countermeasure: Review the definition relating to the journal service.

Reason code	Meaning	Action
406	The jnldfsv definition command is not specified. • The -r option is not specified.	Correct the definition and execute the command again.
411	The jnldfsv definition command is not specified. • The -a option is not specified.	Correct the definition and execute the command again.

KFCA01280-E (E)

```
cannot execute aaaaaaaa command because of bbbb-cc.
```

aaaaaaaa: Command that cannot be executed

bbbb: Reason code (up to four numerals)

The reason codes and countermeasures are listed below.

cc: Internal code of OpenTP1

S: Terminates the command.

O: Take action according to the reason code, and then re-execute the command if necessary.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
101	Memory is insufficient.	Wait for the running process to end and then re-execute the command. If a system call message precedes, take action according to it.	Re-estimate memory.
102	Shared memory library service cannot be provided because the number of segments in shared memory attached to the read process exceeds the limit specified for the system.	Take action according to the preceding system call message if any.	Re-estimate shared memory.
103	A network failure occurred. Possible causes are: • Error on the Ethernet board, cables, or other hardware. • Network definition setting error. • Target node not operating or OpenTP1 not running in the node. • Target process not running	Examine the cause according to the following procedure and then take corrective action. (1)Check the node connection state with the command provided by the operating system. (2)Check the execution state of each server with the command provided by OpenTP1.	--
104	Journal service is not online, or necessary information in shared memory cannot be referenced.	Check the execution state of journal service with the command provided by OpenTP1. After journal service becomes online, re-execute the command.	--
105	Timeout was detected during command execution.	Find the cause of the command timeout using output messages, then re-execute the command if necessary.	--

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
106	Shared memory cannot be used.	Take action according to the preceding system call error message.	--
107	A system call error occurred.	Examine the cause according to the preceding system call error message.	--
108	An invalid option is specified for a nonduplicated system.	Re-execute the command with only options that can be specified for a nonduplicated system.	--
110	The command cannot be specified in the execution environment of the system.	For a command that specifies the file type, check the options of the command. Check also the execution environment of the system.	--
111	The program products required for command execution are not installed.	Check if the program products required for command execution are installed.	--
201	The file name is incorrect.	Re-execute the command with the correct file name.	--
202	The specified special file name is not of character type, or no device is associated with the special file.	Check the specified special file name and then re-execute the command.	--
203	The device specified with *path* is not initialized for the OpenTP1 file system.	Check the file name. If it is correct, initialize the device for the OpenTP1 file system.	--
204	The file already exists.	Check the file name. If it is correct, remove the file with the jnlrm command and then re-execute the jnlinit command.	--
205	The area for file creation cannot be allocated.	Change the device in which a file is to be created; or, remove unnecessary files; or, back up the file, re-create an OpenTP1 file with the filmkfs command and then restore that file.	Re-estimate the file.
206	The number of files exceeded the upper limit specified at file system initialization.		
207	The upper limit was exceeded when opening a character-type special file.	Re-execute the command without opening unnecessary files in the process.	--

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
208	There is no authority for access to the specified special file.	Check for access authority with the fills command.	--
209	An I/O error occurred upon access to a journal file created on the OpenTP1 file system.	Examine the cause of the I/O error and take corrective action; or, re-create the OpenTP1 file system on another disk drive or partition.	--
210	The OpenTP1 file system version is inconsistent.	Re-create the OpenTP1 file system.	--
211	There is no authority for access to the specified file.	Check for access authority with the fills command.	--
212	The file is not found.	Re-execute the command with the correct file name.	--
216	The specified file name is neither jnl nor cpd.		--
221	Lock segment shortage occurred.	--	Check the number of record lock segments specified when configuring the operating system.
222	The journal file is being used by another process.	Check if the file specified in the command is being used by another process. If necessary, re-execute the command.	--
224	The specified file is waiting for being unloaded.	Check the file name. If it is correct, unload the file with the julunlfg or jnlchgfg command or re-execute jnlrm with the -u option specified.	--
301	The file already exists.	Check the file with the command provided by the operating system (OS) and then re-execute the desired command with the correct file name.	--
302	The specified file name is a directory.		--
303	An error occurred when opening the unload journal file created on the OS file.	Examine the cause according to the preceding `open` system call error message.	--
304	An error occurred when closing the unload journal file created on the OS file.	Examine the cause according to the preceding `close` system call error message.	--

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Reason code	Meaning	Operator's action	OpenTP1 administrator's action
306	There is no access authority regarding the point information file.	Examine the I/O error for its cause, take corrective action, and execute the command again.	--
403	An error occurred when opening the definition file.	Examine the cause according to the preceding definition file opening error message.	--
404	An error occurred when opening the analysis file.	Examine the cause according to the preceding analysis file opening error message.	--
405	An error was detected during definition analysis processing.	Examine the cause according to the preceding analysis error message.	--
406	A specification error exists in the jnldfsv definition command for journal service definition.	--	Check the jnldfsv definition command for journal service definition.
417	An error occurred during name service definition analysis.	Check the specification of the name service definition.	--
521	The journal service is not being restarted.	--	--
701	The file group is not found.	Check the state of the file group with the jnlls command, and then re-execute the command if necessary. If a definition file analysis error precedes, examine the cause according to the definition analysis error message.	--
702	Opening the file group failed.	Examine the cause of the failure and take action according to the reason code in the *KFCA01200-E* or *KFCA01201-E* message output to the log file.	--
703	Closing the file group failed.		--

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
704	The file group is already open.	Check the state of the file group with the jnlls command and then re-execute the command with the correct file group name.	--
705	The file group is already closed.		--
706	The file group cannot be closed.		--
707	The file group is being used for system recovery processing or with the jnlunlfg or jnlchgfg command.		--
708	The file group cannot be closed because there is no other overwritable file group.	--	--
709	File opening was canceled because there was another file group in the same generation.	Remove the physical file of the file group with the jnlrm command and then re-create it with jnlinit.	--
710	Specified file group is current.	Check the state of the file group with the jnlls command, then re-execute the command if necessary.	--
1101	Opening every target physical file failed.	Follow the *KFCA01240-E* message output to the log file.	--
1301	Specified resource group name is not found.	Using the jnlls command, check the resource group name.	--
1401	The specified node is not connected to the specified archive resource group.	Specify a node that is connected to a specified archive resource group.	--

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
1501	The error occurred when assignment for the unload journal file was attempted.	Remove the cause according to the previous error message and execute the command again.	--
1502	The error occurred when attempting to open the unload journal file.		--
1503	The error occurred when attempting to close the unload journal file.		--
1504	The error occurred when attempting to gain access to the unload journal file.	Remove the cause according to the previous error message and execute the command again.	--
1505	A time that cannot be converted in the system was specified.	Check the specified time, and then re-execute the command.	--
1601	There is no journal file that can be unloaded or whose status can be changed. The element files that make up the file group are too few.	Check the specified file group name.	--
1602	Block omission was detected in the journal file.	The journal file may be damaged. Cancel unloading the file group and then contact the OpenTP1 administrator.	Contact maintenance personnel.
1603	The file group has been unloaded. Or with the multinode function in use, it has been moved into the archive journal file to enable overwriting.	Check the specified file group name.	--
1604	The value specified for the -n option of the jnlinit command is out of the range from 12 to 524287.	Re-execute the jnlinit command with the -n option specified within the range from 12 to 524287.	--
1607	The file group is not used for online processing.	Check the specified file group name.	--
1609	There is no file group to be unloaded.	--	--

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
1610	The specified run ID does not match the file group's run ID.	Use the jnlls command to identify the file group's run ID and execute the command again.	--
1611	A file group to be unloaded has been overwritten while unloading.	--	--
1612	The failure occurred during access to the journal file.	Take corrective action according to the previous system call error message or *KFCA04191-E* message.	--
1621	The specified command cannot be executed in an execution environment that does not use the automatic unload function.	Check the options of the command. Also check the execution environment of the system.	--
1622	The command cannot be executed because the automatic unload function has already started or stopped.	Use the Jnlatunl command with the -i option to check the operating status of the automatic unload function. If necessary, start or stop the automatic unload function.	--
1623	The jnlatunl command timed out while the system was waiting for termination of automatic unload processing.	Execute the automatic unload processing again. Alternatively, use the jnlunlfg command to unload the file.	--
1703	The error occurred during analysis of the point information file.	Examine the point information file for the cause of the analysis error and execute the command again.	--

Legend:

--: Not applicable

KFCA01281-E (E)

```
invalid command format.
```

S: Stops the command execution.

O: Check the command format and then re-execute the command.

KFCA01282-E (E)

bb...bb `specified with` *aa* `option was not found.`

aa: Option name

-g: Option for specifying a file group name

bb...bb: File group name

S: Stops the command execution.

O: Correct the option argument and then re-execute the command.

KFCA01283-W (E)

`minor error occurred during` *aaaaaaaa* `command execution. reason`
`code=`*bbbb*–*cc*

Command processing ended normally, but a minor error indicated by the reason code occurred during execution.

aaaaaaaa: Command during which a minor error occurred

bbbb: Reason code (up to four numerals)

The reason codes and countermeasures are listed below.

cc: Internal code of OpenTP1

S: Continues command processing.

O: Take action according to the reason code. If necessary, re-execute the command.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
1102	Opening some of the target physical files failed (successfully opened physical files are valid).	Take action according to the *KFCA01240-E* message output to the log file if necessary.	--
1103	All target physical files are already open.	If necessary, check the state of the physical files of the file group with the jnlls command (with -d specified) and then reenter the command with the correct file group name and system A or B specified.	--
1104	All target physical files are already closed.		

Legend:

--: Not applicable

KFCA01285-E (E)

```
command cannot be executed because of swap processing.
```

The command cannot be executed because system journal files are being swapped.

S: Stops the command execution.

O: Wait for swap processing to end, and then re-execute the command.

KFCA01286-E (E)

```
cannot perform swapping because no standby journal file group is
available.
```

S: Stops the swap command.

O: Prepare a standby file by unloading the journal file waiting for being unloaded with the jnlunlfg or jnlchgfg command, or by placing a reserved journal file in online mode with the jnlopnfg command. Then re-execute the swap command if necessary.

KFCA01290-I (E+S)

```
usage: jnlswpfg -j sys | jar [-r resource group name]
```

This message shows the correct usage of the jnlswpfg command. It is output when the command format is incorrect.

KFCA01291-I (E+S)

```
usage: jnlls -j sys | cpd | srf | jar [-r resource group name]
[-g file group name] [-s server name] [-d]
```

This message shows the correct usage of the jnlls command. It is output when the command format is incorrect.

KFCA01292-I (E+S)

```
usage: jnlinit -j jnl | cpd | srf -f file name -n record count
```

This message shows the correct usage of the jnlinit command. It is output when the command format is incorrect.

KFCA01293-I (E+S)

```
usage: jnlrm -f file name [-u]
```

This message shows the correct usage of the jnlrm command. It is output when the command format is incorrect.

KFCA01294-I (E+S)

```
usage: jnlopnfg -j sys | cpd | jar [-r resource group name] [-s
server name] -g file group name [-e element file name] [-a] [-b]
```

This message shows the correct usage of the jnlopnfg command. It is output when the command format is incorrect.

KFCA01295-I (E+S)

```
usage: jnlclsfg -j sys | cpd | jar [-s server name] [-r resource
group name] -g file group name [-e element file name] [-a] [-b]
```

This message shows the correct usage of the jnlclsfg command. It is output when the command format is incorrect.

KFCA01296-I (E+S)

```
usage: jnlunlfg -j sys|jar [[-f] | [-t[start][,end]]] [-R run
ID] [-r resource group name] [-g file group name] [-o output file
name] [-d service definition name] [-n]
```

This message shows the correct usage of the jnlunlfg command. It is output when the command format is incorrect.

KFCA01297-I (E+S)

```
usage: jnlchgfg -j sys | jar [-r resource group name] -g file
group name [-d service definition name]
```

This message shows the correct usage of the jnlchgfg command. It is output when the command format is incorrect.

KFCA01298-I (E+S)

```
usage: jnlmkrf {-j trf | -j srf -s server name} unload journal
file name [[unload journal file name]...]
```

This message shows the correct usage of the jnlmkrf command. It is output when the command format is incorrect.

KFCA01299-I (E+S)

```
usage: jnlatunl -j sys -{i | b | t[-w]}
```

This message indicates how to use the `jnlatunl` command. It is output when the format of the command is incorrect.

KFCA01300-E

```
physical files are not defined for message queue service aa...aa.
```

aa...aa: Message queue server name

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check whether the quegrp definition command of the message queue service definition is valid. If it is not valid, correct the definition, and then re-execute OpenTP1.

KFCA01301-E

```
cannot use physical file aa...aa, specified with message queue
service definition because of cc...cc. definition file: bb...bb
```

aa...aa: Physical file with an error

bb...bb: Definition file name

cc...cc: Reason code

PATH: Incorrect special file name

FORMAT: Not initialized for the OpenTP1 file system

NOTEXIST: File not found

ACCESSS: No authority for access to special files

ACCESSF: No authority for access to files

FVERSION: Inconsistent version of OpenTP1 file system

QVERSION: Inconsistent version of message queue service

QTYPE: Specified physical file not a queue file

EXCL: Exclusive control error

EXFAIL: Lock segment shortage

OPENNUM: Upper limit exceeded when opening a character-type special file

IO: I/O error

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the error, take corrective action and then re-execute OpenTP1.

KFCA01302-E

invalid option in *aa...aa* command specified with message queue service definition. option flag: *bb*, definition file: *cc...cc*, entry number: *dd...dd*

aa...aa: Command name

bb: Option flag name

cc...cc: Definition file name

dd...dd: The line number, in the definition file, from which the corresponding command starts

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition and then re-execute OpenTP1.

KFCA01303-E

message queue service definition specifies queue group ID *aa...aa* twice. definition file: *bb...bb*, entry number: *cc...cc*

aa...aa: Queue group ID

bb...bb: Definition file name

cc...cc: The line number, in the definition file, from which the corresponding command starts

S: Stops processing concerned and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition and then re-execute OpenTP1.

KFCA01304-E

message queue service definition specifies physical file name *aa...aa* twice. definition file: *bb...bb*, entry number: *cc...cc*

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aa...aa: Physical file name

bb...bb: Definition file name

cc...cc: The line number, in the definition file, from which the corresponding command starts

S: Stops processing concerned and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition and then re-execute OpenTP1.

KFCA01305-I

```
message queue service started.
```

KFCA01306-I

```
message queue service terminated.
```

KFCA01307-I

```
now preparing for message queue service.
```

KFCA01308-I

```
message queue service aa...aa recovery started.
```

aa...aa: Message queue service

KFCA01309-I

```
message queue service aa...aa recovery completed.
number of messages in READY: bb...bb
```

aa...aa: Message queue service

bb...bb: Number of undetermined messages in READY state

KFCA01320-E (E)

```
file name aa...aa is invalid because of bb...bb.
```

aa...aa: File name

bb...bb: Reason code

    FILENAME: Incorrect file name format

PATH: Incorrect special file name

FORMAT: Not initialized for the OpenTP1 file system

NOTEXIST: File not found

S: Cancels command processing.

O: Reenter the command with the correct file name.

KFCA01321-E (E)

cannot use *aa...aa* file because of *bb...bb*.

aa...aa: File name

bb...bb: Reason code

ACCESSS: No access authority for special files

ACCESSF: No access authority for files

FVERSION: Inconsistent version of OpenTP1 file system

QVERSION: Inconsistent version of message queue service

QTYPE: Specified physical file not for queue service

EXIST: Already existing file

OPENNUM: Upper limit exceeded when opening a character-type special file

FILENUM: Number of files exceeded the upper limit specified at the initialization of the OpenTP1 file system.

IO: I/O error

EXCL: Exclusive control error

EXFAIL: Lock segment shortage

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the error, take corrective action and then reenter the command.

KFCA01322-E (E)

Invalid value is specified in option flag *aa...aa*.

Option flag *aa...aa* was specified, but the specified flag argument is out of range.

S: Stops command processing.

O: Correct the option flag and then reenter the command.

KFCA01323-E (E)

```
command argument is invalid.
```

No command argument is specified or an excessive number of command arguments are specified.

S: Stops command processing.

O: Correct the argument specification and then reenter the command.

KFCA01324-E (E)

```
queue group ID format is invalid.
```

The specified queue group ID has more than eight characters or other than alphanumerics.

S: Stops command processing.

O: Reenter the command with the correct queue group ID format.

KFCA01325-E (E)

```
queue group ID not found.
```

S: Stops command processing.

O: Correct the queue group ID specification and then reenter the command.

KFCA01326-E (E)

```
insufficient memory; cannot execute command.
```

The command cannot be executed because it is impossible to allocate work area enough to execute the input command.

S: Stops command processing.

O: Remove unnecessary processes and then retry.

KFCA01327-E (E)

```
online operation is not available; cannot execute command.
```

The command cannot be executed because it was entered when online initialization was not completed.

S: Stops command processing.

O: After online initialization is completed, reenter the command.

KFCA01328-E (E)

```
cannot create physical files because of no vacant space.
```

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Revise the capacity that was specified during initialization of the OpenTP1 file system.

KFCA01329-I (E+S)

```
usage: quels [-f] [-q message queue server name] [queue group ID]
```

This message shows the correct usage of the quels command. It is output when the command format is incorrect.

S: Does not process the command.

O: Reenter the command in the correct format.

KFCA01330-I (E+S)

```
usage: queinit [-r] [-s record length] [-n record count]
physical file name
```

This message shows the correct usage of the queinit command. It is output when the command format is incorrect.

S: Does not process the command.

O: Reenter the command in the correct format.

KFCA01331-I (E+S)

```
usage: querm physical file name
```

This message shows the correct usage of the querm command. It is output when the command format is incorrect.

S: Does not process the command.

O: Reenter the command in the correct format.

KFCA01339-E

```
message queue server name is invalid.
```

The message queue server name executed in the command argument has more than nine characters or does not begin with que.

S: Stops command processing.

O: Check that the message queue server name consists of no more than the specified number of characters and that the name begins with que. Then, re-execute the command.

KFCA01340-W

use of physical file *bb...bb* for message queue service *aa...aa* exceeds warning level specified with message queue service definition.

aa...aa: Message queue server name

bb...bb: Path name of the physical file whose use exceeds the warning level

S: Continues processing. This message is output only when the event occurs the first time during online mode.

Countermeasure: Check if the number of hold messages specified in the message queue service definition is proper for the physical file capacity. Reduce the number of hold messages or re-create the physical file with increased capacity.

KFCA01341-E

number of message queue service *aa...aa* transactions in execution has exceeded the upper limit; cannot execute the requested transaction.

aa...aa: Message queue server name

S: Performs either of the following:

1. If the error occurs in a write to the message queue file, the system discards the message.

2. If the error occurs in a read from the message queue file, the system reschedules the event as an error event.

Countermeasure: Terminate MCF normally. Then, increase the maximum number of concurrently executed transactions in the message queue service definition, and then start MCF.

KFCA01342-E

I/O buffer is temporarily insufficient for message queue service *aa...aa*. queue group ID=*bb...bb*, physical file=*cc...cc*

The I/O buffer for message queue service ran short because many requests concentrated to the queue group. The buffer remains insufficient after retrying as many times as specified for buffer shortage in the message queue service definition.

aa...aa: Message queue server name

bb...bb: Queue group ID for which buffer shortage occurred

cc...cc: Physical file for which buffer shortage occurred

S: Performs one of the following:

1. If the error occurs in a write to the message queue file, the system discards the message.

2. If the error occurs while UAP is reading the message queue file, the system reschedules the event as an error event.

3. If the error occurs while MCF is reading the message queue file, the system performs either of the following according to the message type:

   - For a branch message:

   . Reschedules the event.

   - For a response message:

   . Discards the message.

Countermeasure: After MCF ends normally, increase the number of I/O buffers in the message queue service definition and then start MCF.

KFCA01343-E

```
insufficient memory. required memory size: aa...aa bytes, area
type: bb...bb
```

aa...aa: Memory size required for allocation

bb...bb: Type of the area with insufficient memory

STATIC_SHMPOOL: Static shared memory

DYNAMIC_SHMPOOL: Dynamic shared memory

S: Stops processing.

Countermeasure: Check the value specified in the definition according to the type of insufficient shared memory.

KFCA01344-E

physical file *bb...bb* for message queue service *aa...aa* is filled up; cannot write message to that file.

aa...aa: Message queue server name

bb...bb: Path name of the filled-up physical file

S: Continues processing.

Countermeasure: Re-create the physical file with increased capacity for message queue service.

KFCA01345-E

error occurred in physical file *bb...bb* of message queue service *aa...aa*. reason=*cc...cc*

aa...aa: Message queue server name

bb...bb: Physical file with an error

cc...cc: Reason code

>PATH: Incorrect special file name
>
>FORMAT: Not initialized for the OpenTP1 file system
>
>NOTEXIST: File not found
>
>ACCESSS: No access authority for special files
>
>ACCESSF: No access authority for files
>
>FVERSION: Inconsistent version of OpenTP1 file system
>
>QVERSION: Inconsistent version of message queue service
>
>QTYPE: Specified physical file not a queue file
>
>EXCL: Exclusive control error
>
>EXFAIL: Lock segment shortage
>
>OPENNUM: Upper limit exceeded when opening a character-type special file
>
>IO: I/O error

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the error, take corrective action and then re-execute OpenTP1.

KFCA01346-E (E)

error occurred during message queue service *aa...aa*. maintenance info1=*bb...bb*, maintenance info2=*cc...cc*, maintenance info3=*dd...dd*, maintenance info4=*ee...ee*

aa...aa: Message queue server name

bb...bb: Maintenance information 1

cc...cc: Maintenance information 2

dd...dd: Maintenance information 3

ee...ee: Maintenance information 4

S: Continues processing.

O: Obtain maintenance information and then contact maintenance personnel.

KFCA01347-E

message queue service *aa...aa* insufficient memory for RPC.

aa...aa: Message queue server name

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Install additional memory.

KFCA01348-E

message queue service *aa...aa* network failure occurred during RPC.

A communication error occurred due to a hardware error, such as a LAN error, upon RPC in the message queue service. This message is output upon RPC during message write processing.

aa...aa: Message queue server name

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the network error.

KFCA01349-E

message queue service *aa...aa* timeout occurred during RPC.

aa...aa: Message queue server name

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the network error.

KFCA01360-E (L+E)

```
cannot execute processing because of program error.
function=aa...aa, maintenance info=bb...bb, error function=cc...cc,
return value=dd...dd
```

An error occurred while the program is running.

aa...aa: Function that requested the function with an error

bb...bb: Maintenance information

cc...cc: Function with an error

dd...dd: Return value from the function with an error

S: Does not execute any input command.

O: Obtain the core file, terminate OpenTP1 and then perform complete recovery.

Countermeasure: Save the core file and then contact maintenance personnel.

KFCA01361-E (E)

```
cannot perform message queue service aa...aa in this environment.
```

The message queue service cannot be performed because MCF is not running or
because the message queue service is being initialized or could not be initialized.

aa...aa: Message queue server name

S: Does not execute any input command.

Countermeasure: Start MCF if it has not been started yet. If the KFCA11065-W
message was output before this message, the disk queue is disabled because the system
is using the memory queue for processing. Follow the instructions provided for the
KFCA11065-W message.

KFCA01501-I (E+S)

```
usage: filbkup [-yri] [-{c | l| f}] OpenTP1 file system area name
[/OpenTP1 file name] backup file name
```

This message shows the correct usage of the OpenTP1 file system backup (filbkup)

command. It is output when a command option or argument is incorrect.

O: Reenter the command in the correct format.

KFCA01502-I (E+S)

```
usage: filrstr [-q] [-y] [-{t | r | o}] [-{c | l}] backup file
name [/OpenTP1 file name] OpenTP1 file system area name
```

This message shows the correct usage of the OpenTP1 file system restore (filrstr)
command. It is output when a command option or argument is incorrect.

O: Reenter the command in the correct format.

KFCA01503-I (E+S)

```
usage: fills [-[H] [L] [{t | u}]] OpenTP1 file system area name
[/OpenTP1 file name] fills [-x] OpenTP1 file system area name [/
OpenTP1 file name]
```

This message shows the correct usage of the OpenTP1 file system list (fills) command.
It is output when a command option or argument is incorrect.

O: Reenter the command in the correct format.

KFCA01505-I (E+S)

```
usage: filmkfs -s sector length -n capacity -l max file count
[-v OpenTP1 file system name] special file name filmkfs [-r] -n
capacity -l max file count [-v OpenTP1 file system name] path
name
```

This message shows the correct usage of the OpenTP1 file system initialization
(filmkfs) command. It is output when a command option or argument is incorrect.

O: Reenter the command in the correct format.

KFCA01506-I (E+S)

```
usage: filchown owner OpenTP1 file system area name /OpenTP1
file name
```

This message shows the correct usage of the OpenTP1 file owner change (filchown)
command. It is output when a command option or argument is incorrect.

O: Reenter the command in the correct format.

KFCA01507-I (E+S)

usage: filchgrp group OpenTP1 file system area name/OpenTP1 file name

This message shows the correct usage of the OpenTP1 file group change (filchgrp) command. It is output when a command option or argument is incorrect.

O: Reenter the command in the correct format.

KFCA01508-I (E+S)

usage: filchmod [a │ u │ g │ o] {+ │ - │ =} [r │ w] OpenTP1 file system area name /OpenTP1 file name

This message shows the correct usage of the OpenTP1 file access mode change (filchmod) command. It is output when a command option or argument is incorrect.

O: Reenter the command in the correct format.

KFCA01509-I (E)

usage: filfscp [-y] [-r] [-{c│f}] OpenTP1-file-system-area-name new-OpenTP1 file-system-area-name

This message shows the correct usage of the OpenTP1 file system copy (filfscp) command. It is output when a command option or argument is incorrect.

O: Reenter the command in the correct format.

KFCA01510-E (E)

cannot open backup file *aa...aa*.

aa...aa: Backup file name

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: If a message was output before this message, correct the cause of the error shown in that message. If no such message was output or if the cause of the error cannot be determined, record the message and then contact maintenance personnel.

KFCA01511-E (E)

backup file *aa...aa* already exists.

The backup file already exists, and specification of -r option is omitted.

aa...aa: Backup file name

S: Aborts processing.

O: Specify the r option or change the file name to save, and retry.

KFCA01512-E (E)

```
failure to create OpenTP1 file aa...aa. maintenance info: bb...bb
```

Creating the OpenTP1 file failed.

aa...aa: OpenTP1 file name

bb...bb: Maintenance information

S: Does not process any file in which an error occurred.

Countermeasure: If a message was output before this message, correct the cause of the error shown in that message. If no such message was output or if the cause of the error cannot be determined, record the message and then contact maintenance personnel.

KFCA01513-R (S)

```
file is to be restored from aa...aa to bb...bb; enter "t" to cancel
or "g" to continue.
```

This message asks the operator whether or not to execute the processing.

aa...aa: Backup file name

bb...bb: OpenTP1 file system area name

S: Performs processing according to the specification.

    t: Cancels processing.

    g: Continues processing.

    If neither of the options is specified, the message requesting the operator's response will appear again.

O: Specify either t or g.

KFCA01514-R (S)

```
file is to be saved from aa...aa to bb...bb; enter "t" to cancel or
"g" to continue.
```

This message asks the operator whether or not to execute the processing.

aa...aa: OpenTP1 file system area name

bb...bb: Backup file name

S: Performs processing according to the specification.

    t: Cancels processing.

    g: Continues processing.

    If neither of the options is specified, the message requesting the operator's response will appear again.

O: Specify either t or g.

KFCA01515-W (E)

```
cannot restore OpenTP1 file aa...aa because record length bb...bb is
not a multiple of sector length.
```

OpenTP1 file cannot be restored because the record length of the saved file is either of the following:

- Smaller than the sector length of the file system to restore.

- Not a multiple of the sector length of the file system to restore.

aa...aa: Saved OpenTP1 file name

bb...bb: Record length of the saved file

cc...cc: Sector length of the file system to restore

S: Stops processing for the file and start restoring the next file.

KFCA01516-E (E)

```
only superuser or the user having initialized OpenTP1 file
system can execute this command.
```

S: Suspends processing.

O: Report the OpenTP1 administrator.

Countermeasure: The superuser or the user having initialized OpenTP1 file system must execute the command.

KFCA01517-W (E)

```
OpenTP1 file aa...aa is not saved successfully because of I/O
error.
```

aa...aa: OpenTP1 file name

KFCA01518-E (E)

aa...aa `file is not a backup file.`

The specified file is not the one saved by the filbkup command.

aa...aa: Backup file name specified by the user.

S: Aborts processing.

O: Specify the correct backup file, and retry.

KFCA01519-E (E)

`write privilege for` *aa...aa* `OpenTP1 file is not given; cannot restore this file.`

Processing for the file will be stopped because writing the OpenTP1 file *aa...aa* is prohibited.

aa...aa: OpenTP1 file

S: Continues the next processing without performing processing for the OpenTP1 file for which writing is prohibited.

KFCA01527-E (E)

`OpenTP1 file system area` *aa...aa* `cannot be initialized because of being used by other process.`

The OpenTP1 file system area (*aa...aa*) cannot be initialized as an OpenTP1 file system because it is locked by another process using fcntl system call.

aa...aa: OpenTP1 file system area name locked by an fcntl system call

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Wait for a while and then re-execute the command. If this message appears again, contact maintenance personnel.

KFCA01528-E (E)

`stops current processing because OpenTP1 file system area` *aa...aa* `is being used by another process.`

Command execution will be stopped because another process locks the OpenTP1 file system area (*aa...aa*) using an fcntl system call.

aa...aa: OpenTP1 file system area name locked by an fcntl system call

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S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Wait for a while and then re-execute the command. If this message appears again, contact maintenance personnel.

KFCA01529-W (E)

```
stops current processing because OpenTP1 file aa...aa is being used
by another process.
```

Processing for the OpenTP1 file (*aa...aa*) will be stopped because another process specifies to lock this file.

aa...aa: OpenTP1 file name locked

S: Skips processing for the OpenTP1 file for which lock is specified.

KFCA01530-R (S)

```
aa...aa file needs to be initialized as OpenTP1 file; enter "t" to
cancel or "g" to continue.
```

This message asks the operator whether or not to initialize the specified file.

aa...aa: Name of the OpenTP1 file system area to be initialized

S: Performs processing according to the operator's specification. If neither of the option is specified, the message requesting the operator's response will appear again.

O: Specify either of the following.

　　t: Cancel processing.

　　g: Continue processing.

KFCA01531-E (E)

```
cannot initialize OpenTP1 file system area aa...aa because of
insufficient memory.
```

The OpenTP1 file system cannot be initialized because the memory specified by the filmkfs -n option cannot be allocated.

aa...aa: OpenTP1 file system area name

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the following, then retry:

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- Reduce the amount of memory to initialize.

- Specify the special file that meets the specified capacity.

- Delete another file in the file system.

KFCA01532-E (E)

```
only superuser and owner of OpenTP1 file system area can execute
this command.
```

S: Suspends processing being executed.

O: Contact the OpenTP1 administrator.

Countermeasure: The superuser or the owner of the OpenTP1 file system area must execute this command.

KFCA01533-E (E)

```
OpenTP1 file aa...aa not found.
```

Retrieval is impossible because the specified OpenTP1 file does not exist or specified file name is invalid.

aa...aa: OpenTP1 file name specified by the user

S: Terminates processing being executed.

KFCA01534-E (E)

```
invalid argument for option flag a specified with bb...bb command.
```

a: Flag argument specified by the user

bb...bb: Command name specified by the user

S: Aborts processing being executed.

KFCA01536-E (E)

```
command argument is invalid.
```

No command argument is specified, or the number of command arguments specified exceeds the limit of specification.

O: Reenter the command according to the message that will be displayed immediately after this message.

KFCA01537-E (E)

```
mandatory option flag not specified, or invalid combination of
option flags.
```

O: Reenter the command according to the message that will be displayed immediately after this message.

KFCA01538-E (E)

```
mode argument is invalid.
```

Specification of the mode argument in the filchmod command is invalid.

O: Reenter the command according to the message that will be displayed immediately after this message.

KFCA01539-E (E)

```
cannot open file (aa...aa).
```

It is impossible to open the file of the copy destination, which is either a character-type special file or an ordinary file.

aa...aa: User-specified file name of copy destination

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: If a message was output before this message, correct the cause of the error shown in that message. If no such message was output or if the cause of the error cannot be determined, record the message and then contact maintenance personnel.

KFCA01540-E (E)

```
login name aa...aa not found.
```

Specified login name is not found in the /etc/passwd file.

aa...aa: Login name specified by the user

S: Aborts processing being executed.

O: Specify the correct login name, and retry.

KFCA01541-E (E)

```
group name aa...aa not found.
```

Specified login name is not found in the /etc/group file.

aa...aa: Group name specified by the user

S: Aborts processing being executed.

O: Specify the correct group name, and retry.

KFCA01542-E (E)

```
too many user IDs.
```

The number of user IDs specified exceeds 65,535.

S: Aborts processing being executed.

O: Reduce the number of user IDs, and retry.

KFCA01543-E (E)

```
too many group IDs.
```

The number of group IDs specified exceeds 65,535.

S: Aborts processing being executed.

O: Reduce the number of group IDs, and retry.

KFCA01546-E (E)

```
file aa...aa was already initialized as OpenTP1 file system.
```

The file of the copy destination has already been initialized as an OpenTP1 file system.

aa...aa: User-specified file name of copy destination

S: Stops processing.

O: Either specify the r option or change the file of the copy destination before executing the command again.

KFCA01547-I (S)

```
aa...aa command execution terminated normally.
```

aa...aa: Name of the normally terminated command

KFCA01548-E (E)

```
filbkup command execution terminated with warning because some
OpenTP1 file was not saved normally.
```

Message *KFCA01581-E* displayed before this message shows the name of OpenTP1 file that failed to be saved.

In the `filrstr` command, do not specify the backup file for which this message is displayed. Executing the `filrstr` command does not normally recover the OpenTP1 file shown in the *KFCA01581-E* message.

O: Contact the OpenTP1 administrator.

Countermeasure: If a message was output before this message, correct the cause of the error shown in that message. If no such message was output or if cause of the error cannot be determined, record the message and then contact maintenance personnel.

KFCA01549-E (E)

```
error occurred during filbkup command execution; processing
stopped.
```

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of error shown in message *KFCA015XX-E* displayed before this message, and retry the filbkup command.

KFCA01551-I (E+S)

```
usage: filstatfs [-w] [-s] OpenTP1 file system area name
```

This message appears when an option or argument is invalid in the filstatfs command to show the correct command format.

O: Reenter the command with the correct command format specified.

KFCA01553-E (E)

```
file aa...aa already exist.
```

A file with the same name already exists at the copy destination.

aa...aa: User-specified file name of copy destination

S: Aborts processing.

O: Specify the r option or change the copy destination file. Then, re-execute.

KFCA01554-R (E)

```
file is to be copied from aa...aa to bb...bb; enter "t" to cancel or
"g" to continue.
```

This message asks the operator if it is OK to execute the command.

aa...aa: User-specified OpenTP1 file system area name

bb...bb: User-specified file name of copy destination

S: Carries out the processing according to the specified request.

    t: Stops processing.

    g: Continues processing.

O: Specify either t or g.

KFCA01555-E (E)

```
there is not enough space at new OpenTP1 file system area aa...aa
```

Because the capacity of the OpenTP1 file system area of the copy destination exceeds the capacity of the file of the copy destination, copying the OpenTP1 file system is stopped.

aa...aa: User-specified file name of copy destination.

S: Terminates the processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify a character-type special file or ordinary file that meets the capacity before executing the command again.

KFCA01556-E (E)

```
file aa...aa is not character special file.
```

The OpenTP1 file system cannot be copied because the copy source or destination file is not a character-type special file.

aa...aa: User-specified copy destination file.

S: Terminates the processing.

O: Specify a character-type special file and re-execute.

KFCA01557-E (E)

```
the length of the file name (aa...aa) specified for the copy
destination is invalid.
```

The specified file name of the copy destination is too long (longer than 49 characters).

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Set the correct file name and execute the command again.

KFCA01570-E (E)

```
this command cannot handle version aaaaa of backup file or
OpenTP1 file system area bb...bb.
```

This command cannot handle the specified backup file or OpenTP1 file system area.

aaaaa: Version number of the backup file or OpenTP1 file system area

bb...bb: Name of the backup file or OpenTP1 file system area

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA01571-E (E)

```
user does not have access authority for OpenTP1 file system area
aa...aa.
```

aa...aa: OpenTP1 file system area name specified by the user

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Change the access mode of the file, or the user who has access
authority must retry.

KFCA01572-E (E)

```
number of open files in OpenTP1 file system area aa...aa exceeds
the upper limit.
```

aa...aa: OpenTP1 file system area name specified by the user

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Close unnecessary files, then retry.

KFCA01573-E (E)

```
OpenTP1 file system area aa...aa not found.
```

aa...aa: OpenTP1 file system area name specified by the user

S: Aborts processing.

O: Specify the correct OpenTP1 file system area, and retry.

KFCA01574-E (E)

```
length of OpenTP1 file system area name aa...aa is invalid.
```

Specified OpenTP1 file system area name consists of more than 49 characters.

aa...aa: OpenTP1 file system area name

S: Aborts processing.

O: Set the correct OpenTP1 file system area name and retry.

KFCA01575-E

```
OpenTP1 file system cannot be built in aa...aa file.
```

The specified file is not a normal file.

aa...aa: Name of the normal file specified by the user

S: Aborts processing.

O: Check the specified file name, and then retry. If the file name is correct, contact maintenance personnel.

KFCA01576-E (E)

```
aa...aa file is not OpenTP1 file system.
```

aa...aa: Name of character-type special file or normal file specified by the user

S: Aborts processing being executed.

O: Set the correct file name and retry.

KFCA01577-E (E)

```
only superuser or owner of OpenTP1 file can execute this command.
```

S: Suspends processing being executed.

O: Contact the OpenTP1 administrator.

Countermeasure: The superuser or the owner of the file must execute the command.

KFCA01578-E (E)

```
failure to lock OpenTP1 file system.
```

fcntl system call used by the lock processing for the file system caused the number of locks to exceed the upper limit.

S: Suspends processing being executed.

O: Contact the OpenTP1 administrator.

Countermeasure: Change the system constant for the number of records that can be locked, and then retry.

KFCA01579-E (E)

```
failure to lock OpenTP1 file.
```

fcntl system call used by the lock processing for the file caused the number of locks to exceed the upper limit.

S: Suspends processing being executed.

O: Contact the OpenTP1 administrator.

Countermeasure: Change the system constant for the number of records that can be locked, and then retry.

KFCA01580-E (E)

```
OpenTP1 file control area is damaged.
```

S: Aborts processing being executed.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA01581-E (E)

```
I/O error occurred in aa...aa file.
```

Processing is terminated due to an I/O error in the disk.

aa...aa: Name of OpenTP1 file or backup file with which I/O error occurred

S: Aborts processing being executed.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA01582-E (E)

```
failure to allocate process-specific memory.
```

Process-specific memory area became insufficient for the OpenTP1 file service.

S: Aborts processing.

O: Delete unnecessary process, and retry.

KFCA01583-E (E)

```
I/O error occurred in OpenTP1 file system area aa...aa.
```

An I/O error occurred in the OpenTP1 file system management area.

aa...aa: Name of OpenTP1 file system area that contains OpenTP1 file system

S: Changes the management area to cover either side of the disk. If I/O error occurred in both sides, suspends processing being executed.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA01599-E (E)

```
error occurred during OpenTP1 file service.
maintenance info: aa...aa: bb...bb
```

aa...aa: Maintenance information

bb...bb: Maintenance information

S: Stops processing of OpenTP1 file service.

O: Contact the OpenTP1 administrator.

Countermeasure: Record what the message displays, and contact the maintenance personnel.

KFCA01600-E

```
cannot allocate process-specific area for status service.
```

Calling the status service function caused allocation error due to insufficient process-specific area.

This message is output during:

1. DAM service startup or termination processing

2. DAM service execution

S: Performs either of the following depending on when this message is output:

1. Terminates the DAM service.

2. Stops the processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Reduce the number of processes being executed.

KFCA01601-E

```
status file swap processing error
```

Swap processing error occurred while calling the status service function.

This message is output during:

1. DAM service startup or termination processing

2. DAM service execution

S: Performs either of the following depending on when this message is output:

1. Terminates the DAM service.

2. Stops the processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the error in the status file, and restart OpenTP1.

KFCA01602-E

```
status service is not active.
```

The status service is not active when calling the status service function.

This message is output during:

1. DAM service startup or termination processing

2. Access to DAM file

S: Performs either of the following depending on when this message is output:

1. Terminates the DAM service.

2. Stops the access processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Restart OpenTP1.

KFCA01603-E

```
status file capacity is insufficient.
```

Insufficient status file error occurred when calling the status service function.

S: Terminates the DAM service abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the file capacity specified in sts_file_name operand in the system service definition (status service definition). Then, restart OpenTP1.

KFCA01604-E

```
size of status control table for DAM service is invalid. error
info: aa...aa
```

aa...aa: Size of status control table. (Up to eight hexadecimal numbers)

S: Terminates the DAM service abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact maintenance personnel.

KFCA01605-E

```
invalid data was read from status file. EYE CATCHER: aaaaaaa
```

Status control table used for the DAM service was read, but its contents were invalid.

aaaaaaa: Eye catcher of the invalid data (seven characters)

S: Terminates the DAM service abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact maintenance personnel.

KFCA01606-W

```
cannot allocate shared memory dynamically for DAM service.
number of transaction branches allowed to be activated
simultaneously: aa...aa, bb...bb bytes short
```

It was impossible to allocate the required size of dynamically shared memory for simultaneously starting the specified number of transaction branches (specified by dam_tran_process_count in DAM service definition).

S: Starts OpenTP1 with the shared memory that can be allocated.

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O: Contact the OpenTP1 administrator.

Countermeasure: If the amount of memory required is insufficient for starting *the number of transaction branches allowed to be activated simultaneously*, change the size of the dynamically shared memory pool (`dynamic_shmpool_size`) in the system environment definition. Then, restart the system.

KFCA01607-E

```
cannot allocate shared memory for DAM service. (error info:
aa...aa)
```

Calling the shared memory allocation function caused allocation error due to insufficient area.

aa...aa: Size of the shared memory to be allocated. (Up to an 8-digit hexadecimal value)

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the size of the dynamically shared memory pool (`dynamic_shmpool_size`) in the system environment definition. Then, restart the system.

KFCA01608-E

```
cannot recover DAM file. logical file name: aa...aa
```

aa...aa: Logical file name of the file which cannot be recovered.

S: Continues processing.

O: Follow the operator's action for message *KFCA01633-E*.

KFCA01609-E

```
error occurred during recovery processing; all DAM files are
placed in shutdown state.
```

S: Places all DAM files in a logical shutdown state, and starts the DAM service.

O: Follow the operator's action for message *KFCA01633-E*. If possible, release the logical files from the shutdown state.

KFCA01610-W

```
this DAM file is already locked. locked resource: aa...aa
```

Calling the lock service function caused a locking error.

aa...aa: Either logical file name (nine characters, including a space) or logical file name plus hyphen (-) plus <relative block number plus 1 (hexadecimal)>

The maximum character string length is 16 characters.

S: Stops the processing that caused the error and terminates the DAM file access function.

KFCA01611-E (E)

the number(*aaaa*) of logical file for multi file is invalid.

aaaa: Number specified in dam_filenum_for_multi of the DAM service definition

An error occurs when this number meets either of the following:

- Smaller than the number of multi-files specified in the damfile command format.

- Exceeds the total number of logical files available for the DAM service (the value of dam_added_file of DAM service definition plus the number of DAM files specified in the damfile command format).

S: Terminates the DAM service abnormally.

O: Check the DAM service definition, then restart.

KFCA01612-E

error found in input blocks. file=*aa...aa*, block number=*bb...bb*

For a block consisting of more than one sector, writing onto the block may be incomplete due to errors such as a power supply failure that occurred between the time of writing the first sector and the time of writing the last sector.

aa...aa: Name of the physical file in which an error was found

bb...bb: Block number with which an error was found

S: Places the logical file in the failure shutdown state.

O: Execute the damfrc command to recover the physical file.

KFCA01613-E

cannot allocate shared memory for lock service.

After calling the lock service function, an allocation error occurred due to insufficient area.

S: Stops processing that caused the error, and terminates the DAM file access function abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Stop the system and change the maximum number of simultaneous lock requests for DAM service in the system definition (lock service definition). Then, restart the system.

KFCA01614-E

```
logical file was deleted; cannot access DAM file.
```

After the UAP opened the logical file, an error occurred in the DAM file causing the logical file to be deleted from under the DAM service management. Therefore, the file descriptor stored in UAP cannot access to the DAM file.

S: Forces UAP abnormal termination.

O: Eliminate the DAM file error and restart the UAP. Terminate any UAP that opens a DAM file with an error, and eliminate the error.

KFCA01615-E

```
journal service is not active.
```

The journal service is not active or stopped when calling the journal service function.

S: Terminates the DAM service abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Restart OpenTP1.

KFCA01616-E

```
shared memory found insufficient during journal service
processing. function with error: aa...aa
```

Memory became insufficient while allocating shared memory for journal service during processing of function *aa...aa*.

S: Terminates the DAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the value of `static_shmpool_size` in the system environment definition. Then, restart the system.

KFCA01617-E

```
journal buffer is too short to output DAM journal. error info:
aaaaa , bbbbb
```

Journal for the DAM recovery cannot be output when the relation between the length of this journal and the maximum block length of the DAM file is as shown below:

1. For dam_update_block_over=flush in DAM service definition:

   $aaaaa<bbbbb \times 2 +152$ (bytes)

2. For other than above:

   $aaaaa<bbbbb + 152$ (bytes)

aaaaa: Value of jnl_max_datasize operand in system journal service definition

bbbbb: Maximum block length of the DAM file to be accessed for the transaction

S: Terminates the DAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the size of the journal buffer specified in the jnl_max_datasize operand in the system definition (system journal service definition). Then, restart the system.

KFCA01618-E

```
failure to update DAM file during transaction processing; user
program terminates abnormally.
```

File update processing specified by dam_update_block_over=flush in the DAM service definition during transaction failed due to error. User program will be terminated abnormally to keep consistency of files for recovery processing.

S: Terminates the user program abnormally.

O: Follow the countermeasure for the message displayed before this message.

Countermeasure: Terminate the user program abnormally. The system determined whether to commit or rollback the transaction. Stop the user program and place the file offline from OpenTP1. Then, execute the damfrc command to recover the physical file.

KFCA01619-E

```
error occurred during recovery processing; cannot update DAM
file.
```

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An error occurred during recovery of synchronization point update processing that had been handled at online execution. This disables update processing.

S: Stops the synchronization point update processing and continues processing. This message remains to be output because the synchronization point update processing cannot be determined.

O: Follow the operator's action for message *KFCA01633-E*.

KFCA01620-E

```
error occurred during process-specific area allocation; cannot
output DAM recovery journal.
```

S: Terminates the DAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: Reduce the number of processes being executed and restart OpenTP1.

KFCA01621-E

```
process-specific area found insufficient during DAM file open
processing; cannot update DAM file.
```

Insufficient memory error occurred for the OpenTP1 file service during DAM file update processing.

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Reduce the number of processes being executed.

KFCA01622-E

```
I/O error occurred during OpenTP1 file service; cannot update
DAM file.
```

I/O error occurred for the OpenTP1 file service during DAM file update processing.

aa...aa: Physical file name with the I/O error

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the disk unit for failures.

　　　If recovery is applicable to the error file:

Terminate the user program abnormally. The system determined whether to commit or rollback the transaction. Stop the user program and place the file offline from OpenTP1. Then, execute the `damfrc` command to recover the physical file.

If recovery is inapplicable to the error file:

The API function returns due to DCAMER_IOER error. Stop the user program, and place the file offline from OpenTP1. You cannot use the `damfrc` command to recover a physical file for which recovery is inapplicable.

KFCA01623-E

```
DAM file is in shutdown state; cannot update the file. logical
file name: aa...aa
```

aa...aa: Logical file name of the file in shutdown state.

S:

When this message is output during accessing (dc_dam_read(), or dc_dam_write()):

Outputs message *KFCA01618-E* and terminates the DAM service. Then, performs recovery processing for the transaction branch.

For other than above:

Stops the synchronization point update processing and continues processing. This message remains to be output until the file is released from the shutdown state.

O: Execute the damls command to check the shutdown state. If the file is placed in logical shutdown state through normal processing, use the damrles command to release the file from the shutdown state. If the file is in the logical shutdown state and the transaction branch is being recovered after restart processing, follow the operator's action for message *KFCA01633-E*. If the file is in the failure shutdown state, see the manual *OpenTP1 Operation* to recover the file.

KFCA01624-E

```
DAM file was deleted; cannot update the file. logical file name:
aa...aa
```

aa...aa: Logical file name of the deleted file

S:

When this message is output during accessing (dc_dam_read(), or

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dc_dam_write()):

Outputs message *KFCA01618-E* and terminates the DAM service. Then, performs recovery processing for the transaction branch.

For other than above:

Stops the synchronization point update processing and continues processing. This message remains to be output until a file is added.

O: Add the correct file using the damadd command. Note that the system does not check the contents of the DAM file even if they have been changed.

KFCA01625-I

```
DAM service started.
```

KFCA01626-I

```
DAM service terminated.
```

KFCA01627-E (L+E)

```
insufficient memory; cannot continue processing.
```

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Reduce the number of processes being executed.

KFCA01628-E (E)

```
cannot start DAM service because of network failure.
```

S: Terminates the DAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the error according to the error message, if any, that was output before this message. Then, restart OpenTP1.

KFCA01629-I

```
now preparing for DAM service.
```

KFCA01630-I

```
now terminating DAM service.
```

KFCA01631-E

```
cannot start DAM service because of communication failure.
```

S: Terminates the DAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the error and restart OpenTP1.

KFCA01632-E (L+E)

```
error occurred while analyzing definitions; cannot start DAM
service.
```

Contents of the service definition file is incorrect.

S: Terminates the DAM service.

O: Check the contents of the service definition.

Countermeasure: Correct the service definition according to the error message, if any, that was output before this message. Then, restart OpenTP1.

KFCA01633-E

```
error occurred during recovery processing. reason code=aa...aa
```

aa...aa: Reason code

JNLGET: Journal cannot be read.

JNLREAD: Journal cannot be read.

INVLFLG: Contents of the read journal having the contradiction.

SJLGET: Server recovery journal cannot be read.

S: Stops recovery of the transaction branch in which the error occurred, and recovers the next transaction branch. When recovery of all transaction branches completes, places all DAM files in the logical shutdown state.

O: While keeping all the logical files in the shutdown state, check which transaction branch cannot be recovered on the message *KFCA00991-W*. Then, terminate the system, execute file recovery processing (damfrc) for all the defined DAM files, and start OpenTP1 normally. If damfrc cannot be executed due to a destroyed journal file, reallocate the journal file, start OpenTP1 normally, and retry the transaction being handled.

KFCA01634-E

```
logical file name aa...aa is defined twice.
DAM service definition file name: bb...bb, line=cc...cc
```

aa...aa: Logical file name

bb...bb: DAM service definition file name

cc...cc: Line in which an error occurred.

S: Continues processing.

O: Check the DAM service definition and delete either of the duplicated logical file names defined.

KFCA01635-E

```
physical file name aa...aa is defined twice.
DAM service definition file name: bb...bb, line=cc...cc
```

aa...aa: Physical file name

bb...bb: DAM service definition file name

cc...cc: Line in which an error occurred.

S: Continues processing.

O: Check the DAM service definition and delete either of the duplicated physical file names defined.

KFCA01636-E

```
failure to open file aa...aa. reason code=bb...bb
```

aa...aa: Physical file name

bb...bb: Reason code

PATH: Invalid path specification

FORMAT: Device is not initialized.

NOTEXIST: File does not exist.

VERSION: Unmatched file versions

OPENNUM: Too many character-type special files opened.

ACCESSS: Invalid access authority for character-type special files

ACCESSF: Invalid access authority for files

EXCL: Exclusive control error

EXFAIL: Insufficient number of record lock segments

S: Continues processing.

O: Investigate the cause of the error according to the reason code, take countermeasures, and retry.

KFCA01637-E

```
file aa...aa is not DAM file.
```

The physical file is not the one created for DAM.

aa...aa: Physical file name

S: Continues processing.

O: Check the physical file name.

KFCA01638-E

```
cannot recover because run IDs do not match.
```

The run ID specified by the system manager does not match the one stored in the status service.

S: Terminates the DAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that online has started and recovered in the same environment.

KFCA01639-W

```
invalidates uncommitted transaction. service name: aa...aa
```

Since termination was requested when uncommitted transaction existed, all these transactions were invalidated to continue termination processing.

aa...aa: DAM service name being terminated.

S: Continues termination processing.

KFCA01640-I

```
DAM file aa...aa was added.
```

aa...aa: Logical file name

KFCA01641-I

```
DAM file aa...aa was deleted.
```

aa...aa: Logical file name

KFCA01642-I

```
DAM file aa...aa was placed in shutdown state.
type of shutdown: bb...bb
```

If the DAM file is shut down due to failure, perform damfrc before releasing the file from the shutdown status to prevent inconsistency in data.

aa...aa: Logical file name

bb...bb: Type of shutdown

> LOGICAL: Logical shutdown

> OBSTACLE: Failure shutdown

> REQUEST: Logical shutdown suspended (due to a transaction doing synchronization point processing)

Countermeasure: The file is shutdown. Perform either of the following.

> If recovery is applicable to the error file:

>> Place the file offline. Then, recover the file and catalog it online. Do not release the shutdown status until the file recovers; data may become inconsistent between transactions.

> If recovery is inapplicable to the error file:

>> Place the file offline. You cannot recover a file inapplicable to recovery.

KFCA01643-I

```
DAM file aa...aa is released from shutdown state.
type of shutdown: bb...bb
```

aa...aa: Logical file name

bb...bb: Type of shutdown

> LOGICAL: Logical shutdown

> OBSTACLE: Failure shutdown

KFCA01644-I (L+E)

```
starts DAM service with defaults.
```

Because the service definition file does not exist, the system starts DAM service using the defaults. Refer to the message that is output before this message to determine the nonexistent service definition file.

S: Continues processing using the defaults for the nonexistent service definition file.

KFCA01645-I

```
cannot start DAM service because of aa...aa.
```

aa...aa: Maintenance information

S: Stops startup processing.

O: Primary reason why the processing stops is displayed before this message. Refer to it to investigate the cause of the error.

KFCA01646-E

```
I/O error occurred. file=aa...aa
```

An I/O error occurred while accessing to the physical file.

The user program may terminate abnormally. The system determined whether to commit or rollback the transaction.

aa...aa: Name of physical file with which I/O error occurred.

S: Places the logical file in the failure shutdown state.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the disk unit for failures.

Stop the user program and place the file offline from OpenTP1. Then, execute the `damfrc` command to recover the physical file.

KFCA01647-I

```
now recovering DAM service.
```

KFCA01648-E (L+E)

```
insufficient memory; cannot continue processing.
required memory size: aa...aa bytes, area: bb...bb
```

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aa...aa: Memory capacity that was failed to be allocated

bb...bb: Area type

　HEAP: Process area

　SSHM: Static shared memory

　DSHM: Dynamic shared memory

　RMSHM: Shared memory for DAM service

S: Stops processing. However, continues processing if the *KFCA02528-I* message was output during complete rerun.

O: Contact the OpenTP1 administrator.

Countermeasure: Apply one of the following countermeasures according to the area type:

　HEAP: Reduce the number of processes being executed.

　SSHM: Re-estimate the size of the static shared memory pool (static_shmpool_size) in the system environment definition, and then restart.

　DSHM: Re-estimate the size of the dynamic shared memory pool (dynamic_shmpool_size) in the system environment definition, and then restart.

　RMSHM: Re-estimate the size of the shared memory (dam_cache_size) for RM, then restart.

KFCA01649-I

```
cannot terminate DAM service because of aa...aa.
```

aa...aa: Maintenance information

S: Stops the termination processing at the point when an error occurs, and terminates the DAM service.

O: Primary reason why the processing stops is displayed before this message. Refer to it to investigate the cause of the error.

KFCA01650-E (E)

```
command argument is invalid.
```

Either the logical file name or the physical file name is not specified, or excess arguments are specified.

S: Stops command processing.

O: Check the argument of the command, then retry.

KFCA01651-E (E)

```
logical file name consists of more than 8 characters.
```

S: Stops command processing.

O: Specify the logical file name using not more than eight characters.

KFCA01652-E (E)

```
physical file name consists of more than 63 characters.
```

S: Stops command processing.

O: Specify the physical file name using not more than 63 characters.

KFCA01653-I (S)

```
usage : damadd [-{d|n [-f]}] [-l boundary for reusing the cache
block] logical file name physical file name
```

This message indicates how to use the damadd command.

KFCA01654-E (E)

```
access authority is invalid for OpenTP1 file system area.
```

Access authority is invalid for the OpenTP1 file system area specified in the physical file name.

S: Stops command processing.

O: Check that the specified physical file is correct, and ask the OpenTP1 administrator to change the access authority if required.

Countermeasure: Use the chmod command to change the access authority.

KFCA01655-E (E)

```
access authority is invalid for this physical file.
```

S: Stops command processing.

O: Check that the specified physical file name is correct, and ask the OpenTP1 administrator to change the access authority if required.

Countermeasure: Use the filchmod command to change the access authority.

KFCA01656-E (E)

```
block length of this physical file is too long. maximum block
length: aa...aa bytes
```

The physical file having the longest block length in those specified in the DAM service definition cannot be added.

aa...aa: Maximum specifiable file block length

S: Stops command processing.

O: In the DAM service definition, add the physical file that you attempted to add. Then restart OpenTP1.

KFCA01657-E (E)

```
this physical file is not a DAM file.
```

S: Stops command processing.

O: Re-create the physical file as a DAM file.

KFCA01658-E (E)

```
this logical file name is already cataloged.
```

S: Stops command processing.

O: Delete the logical file using the damrm command, or use another logical file name to add it.

KFCA01659-E (E)

```
this physical file name is already cataloged.
```

S: Stops command processing.

O: Check the specified physical file name. If the physical file name is correct, the specified physical file has already been registered. Specify another physical file or place offline the logical file associated with the registered physical file. Then, retry.

KFCA01660-E (E)

```
this area is not initialized for OpenTP1 file system.
```

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Initialize the OpenTP1 file system area for the OpenTP1 file system, then create a DAM file.

KFCA01661-E (E)

```
I/O error occurred.
```

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the disk unit for failures.

KFCA01662-E (E)

```
insufficient memory
```

Service processing cannot be performed due to insufficient DAM.

S: Stops command processing.

O: Wait until the other process is terminated, then reenter the command.

Countermeasure: Reduce the number of processes being executed.

KFCA01663-E (E)

```
the physical file (OpenTP1 file) was not found.
```

S: Stops command processing.

O: Specify the correct physical file name.

KFCA01664-E (E)

```
free area space is not enough to add this logical file.
```

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify larger value for the number of logical files that can be added in dam_added_file of DAM service definition, then start OpenTP1.

KFCA01665-E (E)

```
too many open files
```

Opening the OpenTP1 file system area causes the number of open files to exceed the limit.

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S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: The number of concurrent open files exceeds the limit. Check and correct the kernel parameter of the OS or close the files not being used. Then, restart OpenTP1.

KFCA01666-E (E)

```
no device corresponds to OpenTP1 file system area specified with
physical file name.
```

S: Stops command processing.

O: Specify the correct physical file name.

KFCA01667-E (E)

```
versions of service and client or OpenTP1 file system do not
match.
```

The following shows unmatched versions.

1. Versions of the DAM command and of the DAM service are unmatched.

2. Versions of the DAM command and of the name service are unmatched.

3. Versions of the DAM command and of the OpenTP1 file system are unmatched.

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Install using the same version.

KFCA01668-I (S)

```
usage: damrm logical file name
```

This message shows the correct usage of the damrm command.

KFCA01669-E (E)

```
this logical file is not in shutdown state.
```

The logical file cannot be deleted because it is not in shutdown state.

S: Stops command processing.

O: Use the damhold command to place the file in the shutdown state, then reenter.

KFCA01670-E (E)

```
this logical file is not cataloged.
```

The logical file cannot be referred to because it is not cataloged in DAM service management.

S: Stops command processing.

O: Specify the correct logical file name.

KFCA01671-I (S)

```
usage: damhold logical file name
```

This message shows the correct usage of the damhold command.

KFCA01672-E (E)

```
the logical file is in failure shutdown state.
```

S: Stops command processing.

KFCA01673-E (E)

```
the logical file is in logical shutdown state.
```

S: Stops command processing.

KFCA01674-I (S)

```
logical shutdown of the logical file is suspended.
```

Logical shutdown is suspended because a transaction is performing synchronization point processing for the specified logical file. This suspension is canceled automatically upon completion of synchronization point processing, causing the file to be placed in the logical shutdown state. While the logical shutdown is suspended, entry of damrles command releases the file from the shutdown state.

S: Automatically places the file in the logical shutdown state when all synchronization point processing is terminated.

KFCA01675-I (S)

```
usage: damrles [-o] logical file name
```

This message shows the correct usage of the damrles command.

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KFCA01676-E (E)

the logical file is not in failure shutdown state.

S: Stops command processing.

KFCA01677-E (E)

the logical file is not in logical shutdown state.

S: Stops command processing.

KFCA01678-I (S)

usage: damls [-i] [logical file name]

This message shows the correct usage of the damls command.

KFCA01679-E (E)

DAM service is not activated.

S: Stops command processing.

KFCA01680-E (E)

cannot retrieve address information for DAM service.

Address information is that information managed by the name service and used to process service groups and services.

S: Stops command processing.

O: Check the OpenTP1 has started normally.

KFCA01681-E (E)

communication failure occurred.

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the network failure, and start OpenTP1.

KFCA01682-E (E)

network failure occurred during RPC.

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the network failure, and start OpenTP1.

KFCA01683-E (E)

```
timeout occurred.
```

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the network for failures.

KFCA01684-E (E)

```
now terminating DAM service.
```

Receive message cannot be sent to the service side because the system is terminating DAM service.

S: Stops command processing.

KFCA01685-I (S)

```
the logical file is added to the catalog.
```

A new logical file is added to the catalog under the DAM service management.

S: Terminates command processing.

KFCA01686-I (S)

```
logical file deletion completed.
```

A logical file is deleted from under the DAM service management.

S: Terminates command processing.

KFCA01687-I (S)

```
logical shutdown of the logical file completed.
```

Logical file under the DAM service management will be placed in the logical shutdown state.

S: Terminates command processing.

KFCA01688-I (S)

```
the logical file is released from logical shutdown state.
```

Logical file under the DAM service management will be released from the logical shutdown state.

S: Terminates command processing.

KFCA01689-I (S)

```
the logical file is released from failure shutdown state.
```

Logical file under the DAM service management will be released from the failure shutdown state.

S: Terminates command processing.

KFCA01690-I (S)

```
usage: damadd [{[-d | n}] | -a }] logical file name physical file
name
```

This message is output when the command format is incorrect. It shows how to use the damadd command.

KFCA01691-I (S)

```
usage: damrm logical file name
```

This message is output when the command format is incorrect. It shows how to use the damrm command.

KFCA01692-I (S)

```
usage: damhold logical file name
```

This message is output when the command format is incorrect. It shows how to use the damhold command.

KFCA01693-I (S)

```
usage: damrles [-o] logical file name
```

This message is output when the command format is incorrect. It shows how to use the damrles command.

KFCA01694-I (S)

```
usage: damls [-i] [logical file name]
```

This message is output when the command format is incorrect. It shows how to use the damls command.

KFCA01695-E (E)

```
this file is being used by other user; cannot add it to DAM
service.
```

File being accessed by batch or command cannot be added to under the DAM service management.

S: Stops command processing.

O: Wait until the batch or command accessing to the file to be added is terminated, then reenter the command.

KFCA01696-E (E)

```
error occurred while analyzing definitions.
```

System common definition file does not exist, or its contents are invalid.

S: Stops command processing.

O: Check the system common definition.

KFCA01697-E (E)

```
this file is being used by other user; cannot delete it.
```

The file being accessed by online UAP cannot be deleted from under the DAM service management.

S: Stops command processing.

O: Wait until the online UAP accessing to the file to be deleted is terminated, then reenter the command.

KFCA01698-E (E)

```
insufficient number of record lock segments
```

File cannot be locked due to insufficient number of record lock segments (records that can be locked).

S: Stops command processing.

O: Wait until the other process locking the file is terminated, then reenter the command.

Countermeasure: Change the system configuration parameter to increase the number of record lock segments. For details, see the manual concerned. The following shows the number of record lock segments required for the DAM service:

For executing additional command: 1

For executing UAP:

(number of files opened in the non-transaction mode + number of files opened in the transaction mode x 2)

KFCA01699-E (E)

```
DAM detected abnormality. module ID=aa...aa, location=bb...bb,
reason code=cc...cc
```

DAM service, DAM library, and/or DAM command detected an error.

aa...aa: ID of the module that detected error

bb...bb: Location in which an error is detected

cc...cc: Reason for assuming error

S: The process that detected an error displays message *KFCA00105-E* and terminates abnormally.

O: Contact the maintenance personnel to inform them of the module ID, location, and reason code shown in the message.

KFCA01700-E (E)

```
this file is not a TAM file.
```

S: Terminates processing.

O: Specify the correct TAM file, and retry.

KFCA01701-E (L+E)

```
insufficient memory; cannot continue processing
```

Memory shortage occurred during TAM service processing.

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: If the API function terminated abnormally, check the following

values.

In the TAM service definition:

- tam_max_trnnum

- tam_max_trnfilnum

In the lock service definition:

- lck_limit_fortam

For other cases, increase memory.

KFCA01702-E (L+E)

```
communication failure occurred.
```

A communication failure such as a LAN failure occurred due to a hardware failure. This message is output in one of the following cases:

1. During online command processing provided by the TAM server

2. During TAM file update processing

3. During TAM service start processing

S:

During online command processing:

Stops command processing.

During TAM file update processing:

Terminates TAM service.

During TAM service start processing:

Suspends TAM service start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove the network failure and then start OpenTP1.

KFCA01703-E (E)

```
cannot retrieve address information for TAM service.
```

Name service is being started, being terminated, or in the halt state. Address information is that information managed by the name service and used to process service groups and services. This message is output in either of the following cases:

1. During online command processing provided by the TAM server

2. During TAM file update processing

S:

During online command processing:

Stops command processing.

During TAM file update processing:

Terminates TAM service.

O: Check if OpenTP1 has started normally.

KFCA01704-E (E)

```
TAM service is not activated.
```

S: Terminates processing.

KFCA01705-E (E)

```
this TAM file is not cataloged.
```

S: Terminates processing.

O: Enter a valid TAM file name.

KFCA01706-E (E)

```
TAM file name consists of more than 63 characters.
```

A TAM file name must have fewer than 64 characters.

S: Terminates processing.

O: Enter a valid file name and then retry.

KFCA01707-E (E)

```
TAM table name is invalid.
```

O: Enter a valid TAM file name.

KFCA01708-E (E)

```
TAM file name is invalid.
```

O: Enter a valid TAM file name.

KFCA01709-E (E)

access to TAM file *aa...aa* is not permitted.

aa...aa: TAM file name

O: Contact the OpenTP1 administrator.

Countermeasure: Change the TAM file access authority; or, execute the command with an execution group ID or user ID having access permission to the file.

KFCA01710-E (E)

access to special file is not permitted.

The user who executed the command does not have access authority for the special file.

O: Contact the OpenTP1 administrator.

Countermeasure: Give access authority to the user if necessary.

KFCA01711-E (E)

cannot allocate TAM file *aa...aa* because disk partition is not initialized for OpenTP1 file system.

aa...aa: TAM file name

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: For the OpenTP1 file system, initialize the disk partition to which the TAM file is to be allocated.

KFCA01712-E (E)

number of command arguments is invalid.

The number of command arguments or options is invalid.

S: Terminates processing.

O: Set a valid value and then retry.

KFCA01713-E (E)

the specified file was not found.

S: Terminates processing.

O: Specify a new TAM file name and then retry.

KFCA01714-E (E)

```
cannot create TAM file because the number of files exceeds the
limit specified at OpenTP1 file system initialization.
```

S: Terminates processing.

O: Initialize the OpenTP1 file system and then retry.

KFCA01715-E (E)

```
this TAM file name does not contain special file name.
```

A TAM file name is the same as the path name. A path name consists of a special file name and a file name.

Special file name: /dev/special

File name: /filename

S: Terminates processing.

O: Enter the path name for the TAM file name and then retry.

KFCA01716-E (E)

```
cannot use file aa...aa because another process is using it.
```

aa...aa: File name

S: Terminates processing.

O: Enter another TAM file name and then retry. Or, wait till the process using the file ends, and then retry.

KFCA01717-E (E)

```
system reported error that the number of open files exceeds the
limit while opening a character-type special file.
```

S: Terminates processing.

O: Reset the environment of the operating system or close unused character-type special files, and then retry.

KFCA01718-E

```
journal service is not active.
```

Journal service is inactive or in halt state when calling a journal service function.

S: Fails.

O: Contact the OpenTP1 administrator.

Countermeasure: Restart OpenTP1.

KFCA01719-E

```
journal area size is not enough to output TAM recovery journal.
error info: aa...aa,bb...bb
```

aa...aa: jnl_max_datasize value in the system journal service definition (decimal number of up to five characters)

bb...bb: Buffer size required for the TAM recovery journal

The TAM recovery journal cannot be output if *aa...aa* < *bb...bb*.

S: Terminates TAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the journal buffer size specified in the jnl_max_datasize operand of the system definition (system journal service definition) and then restart OpenTP1.

KFCA01720-I

```
starts TAM service with defaults.
```

TAM service starts with defaults because a service definition file is not found. Refer to the preceding output message to check which service definition is missing.

S: Continues processing with defaults for the missing service definition file.

KFCA01721-I

```
now preparing for TAM service.
```

KFCA01722-I

```
now recovering TAM service.
```

KFCA01723-E (L+E)

```
cannot start TAM service because of aa...aa.
```

aa...aa: Reason code (troubleshooting information in decimal)

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S: Stops the TAM service start processing.

O: The major cause of cancellation is output preceding this message. Examine the cause by referring to it.

KFCA01724-I

```
TAM service started.
```

KFCA01725-E

```
cannot terminate TAM service because of aa...aa.
```

TAM service cannot be terminated normally because an error occurred during termination processing.

aa...aa: Reason code (troubleshooting information in decimal)

S: Stops normal termination processing upon an occurrence of an error and then terminates TAM service abnormally.

O: The major cause of stop is output preceding this message. Examine the cause by referring to it.

KFCA01726-I

```
TAM service terminated.
```

KFCA01727-I

```
now terminating TAM service.
```

S: Stops command processing.

KFCA01728-E

```
run IDs do not match.
```

The run ID specified by the system manager differs from that cataloged for status service.

S: Terminates OpenTP1.

O: Check if the environment at the start of OpenTP1 is the same as at the rerun.

Countermeasure: Contact the OpenTP1 administrator.

KFCA01729-E

```
cannot add records because no free record area is available in
TAM table aa...aa.
```

aa...aa: TAM table with insufficient free record area

S: Stops processing.

O: Delete unnecessary records from the TAM table and then retry. If there are no unnecessary records, re-create the TAM table to increase records.

KFCA01730-E

```
number of transactions exceeded the TAM server control limit.
```

The maximum number of transactions that can be controlled by the TAM server was exceeded when accessing the TAM table.

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the value of the `tam_max_trnnum` operand in the TAM service definition.

KFCA01731-E

```
invalid loading opportunity is specified in definition file
aa...aa. command=bb...bb, line=cc...cc
```

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Definition file with an error

bb...bb: Command name

cc...cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the value of the `-o` option of the `tamtable` definition command in the TAM service definition.

KFCA01732-E

```
invalid access opportunity was found in definition file aa...aa.
command=bb...bb, line=cc...cc
```

aa...aa: Definition file with an error

bb...bb: Command name

cc...cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the value of the `-a` option of the `tamtable` definition command in the TAM service definition.

KFCA01733-E

```
TAM file name aa...aa is specified twice in definition file bb...bb.
line=cc...cc
```

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM file name

bb...bb: Definition file with an error

cc...cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: If the same TAM file name is specified two or more times, specify it only once.

KFCA01734-E

```
TAM table name aa...aa is specified twice in definition file bb...bb.
line=cc...cc
```

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM table name

bb...bb: Definition file with an error

cc...cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: If the same TAM file name is specified two or more times, specify it only once.

KFCA01735-E

```
length of TAM table name aa...aa in definition file bb...bb
(line=cc...cc) exceeds the limit.
```

The length of a TAM table name must be up to 32 characters.

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM table name

bb...bb: Definition file with an error

cc...cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify a valid TAM table name.

KFCA01736-E

```
I/O error occurred in definition file aa...aa (line cc...cc). TAM
file: bb...bb
```

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM file name

bb...bb: Definition file with an error

cc...cc: Line with an error

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the error from the TAM file indicated in file-name, and then retry.

KFCA01737-E

```
length of TAM file name aa...aa specified in definition file bb...bb
(line=cc...cc) exceeds the limit.
```

The length of a TAM file name must be up to 64 characters.

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM file name

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bb...bb: Definition file with an error

cc...cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify a valid TAM file name.

KFCA01738-I (S)

```
backup processing terminated. node identifier=aa..aa,
run ID=bb...bb, generation number=cc...cc,
recovery object journal block number=dd...dd
```

This message is output only when online backup is executed.

aa...aa: Node identifier (Four characters)

bb...bb: Run ID (Up to 8 hexadecimal numbers)

cc...cc: Generation number of the journal file for the backup file (Up to 8 hexadecimal numbers)

dd...dd: First block number of the journal file necessary for recovery (Up to 8 hexadecimal numbers)

KFCA01739-E

```
command argument is invalid. definition file=aa...aa,
command=bb...bb, line=cc...cc
```

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Definition file with an error

bb...bb: Command name

cc...cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the command description format and then correct the argument.

KFCA01740-E

```
TAM file aa...aa specified in definition file bb...bb (line=cc...cc) is
not a special file.
```

A TAM file name is the same as the path name. A path name consists of a special file name and a file name.

When the message is long, the last part of the file name shown in the message might be omitted.

Path name: /dev/special/filename

Special file name: /dev/special

File name: /filename

aa...aa: Specified TAM file name

bb...bb: Definition file with an error

cc...cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Enter the path name for the TAM file name.

KFCA01741-E

```
TAM file aa...aa failed to be allocated because disk partition
specified in definition file bb...bb (line=cc...cc) was not
initialized for OpenTP1 file system.
```

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM file name

bb...bb: Definition file with an error

cc...cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Initialize for the OpenTP1 file system the disk partition to which the TAM file is to be allocated. Or, change the TAM file name in the recovery definition file so that the TAM file can be allocated to an already initialized disk partition.

KFCA01742-E

aa....aa `file specified in definition file` *bb....bb*`(line=`*cc....cc*`)was not found.`

When the message is long, the last part of the file name shown in the message might be omitted.

aa....aa: Specified TAM file name

bb....bb: Definition file with an error

cc....cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify a new TAM file name.

KFCA01743-E

`TAM file` *aa...aa* `specified in definition file` *bb...bb* `(line=`*cc...cc*`) is unavailable because of being used by other process.`

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM file name

bb...bb: Definition file with an error

cc...cc: Line with an error

S: Terminates analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Enter another TAM file name. Or, wait till the process using the file ends, and then retry.

KFCA01744-E

`access is not permitted to special file of TAM file` *aa...aa* `specified in definition file` *bb...bb* `(line=`*cc...cc*`).`

An I/O error occurred in the definition file.

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM file name

bb...bb: Definition file with an error

cc...cc: Line with an error

O: Contact the OpenTP1 administrator.

Countermeasure: Remove the error and then retry.

KFCA01745-E

```
access is not permitted to TAM file aa...aa specified in definition
file bb...bb (line=cc...cc).
```

An I/O error occurred in the definition file.

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM file name

bb...bb: Definition file with an error

cc...cc: Line with an error

O: Contact the OpenTP1 administrator.

Countermeasure: Remove the error and then retry.

KFCA01746-E

```
execution system version differs from version of the system
which created TAM file aa...aa specified in definition file bb...bb
(line=cc...cc).
```

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM file name

bb...bb: Definition file with an error

cc...cc: Line with an error

O: Contact the OpenTP1 administrator.

Countermeasure: Initialize the specified TAM file and then match the system versions.

KFCA01747-E

```
system reported error that number of open character-type special
files exceeds the limit while opening TAM file aa...aa specified
in definition name bb...bb (line=cc...cc).
```

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When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: Specified TAM file name

bb...bb: Definition file with an error

cc...cc: Line with an error

S: Stops analyzing the definition with an error.

O: Contact the OpenTP1 administrator.

Countermeasure: Reset the environment of the operating system and then retry; or, close unused character-type special files and then retry.

KFCA01748-I

```
TAM table aa...aa deletion completed.
```

aa...aa: Specified TAM table name

KFCA01749-I

```
TAM table aa...aa cataloging completed.
```

aa...aa: Specified TAM table name

KFCA01750-I

```
logical shutdown of TAM table aa...aa completed.
```

aa...aa: Specified TAM table name

KFCA01751-I

```
releasing TAM table aa...aa from shutdown state completed.
```

aa...aa: Specified TAM table name

KFCA01752-E (L+E)

```
versions of service and client do not match.
```

Possible causes are:

1. The versions of the TAM commands and TAM service do not match.

2. The versions of the TAM commands and name service do not match.

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Install the commands and services with the same version.

KFCA01753-E (L+E)

```
timeout occurred.
```

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the network for the occurrence of an error.

KFCA01754-E (S)

```
cannot execute recovery processing.
```

The possible causes are:

1. Access to the TAM table was not authorized. Or, there was not TAM table.

2. An intermediate file could not be created in the directory where the recovery process was being executed.

3. The process-specific memory could not be allocated.

S: Stops recovery.

O: Take countermeasures according to the cause:

1. Authorize the user to read the TAM table.

2. Authorize the user or group to write the current directory.

3. Stop the other processes being executed and increase memory.

KFCA01755-E (S)

```
internal inconsistency was detected during recovery processing.
```

An error occurred on the recovery process.

S: Stops the recovery.

O: Contact the OpenTP1 administrator.

Countermeasure: Save the TAM physical file to be recovered.

KFCA01756-E (E)

```
cannot add this file because other process is using it.
```

A file being accessed in a batch process or by a command cannot be added for TAM service's control.

S: Terminates processing.

O: Wait till the batch process or command accessing the file to be added ends, and then reenter the command.

KFCA01757-E (E)

```
TAM table name consists of more than 32 characters.
```

S: Terminates processing.

O: Enter a TAM table name within 32 characters.

KFCA01758-E (E)

```
this TAM table name is already cataloged.
```

S: Terminates processing.

O: Remove the TAM table with the tamrm command; or, add it with a different table name.

KFCA01759-I (S)

```
-o option was specified. However, since file was not used
on-line, it was backed up off-line.
```

The tambkup command was used to specify backing up a file with online processing but the file was not used in online processing. Therefore, the file was backed up offline.

KFCA01760-E (E)

```
this TAM file name is already cataloged.
```

S: Terminates processing.

KFCA01761-E (L+E)

```
I/O error occurred while accessing TAM table aa...aa.
```

An I/O error occurred while accessing the TAM table.

aa...aa: TAM table for which an I/O error occurred

S: Places the TAM table in the failure shutdown state.

O: Contact the OpenTP1 administrator.

Countermeasure: Check if the disk unit is normal.

KFCA01762-E (L+E)

```
records were damaged while accessing TAM table aa...aa.
```

Records were damaged while accessing the TAM table.

aa...aa: TAM table whose records were damaged

S: Places the TAM table in the failure shutdown state.

O: Contact the OpenTP1 administrator.

Countermeasure: Check if the disk unit or memory is normal.

KFCA01763-E

```
failure to open TAM file aa...aa. reason code=bb...bb
```

aa...aa: TAM file that could not be opened

bb...bb: Reason code

    OPENNUM: An excessive number of character-type special files are open.

    ACCESSS: No access authority for character-type special files

    ACCESSF: No access authority for TAM files

    VERSION: Invalid version of OpenTP1 file system

    FORMAT: Device not initialized for the OpenTP1 file system

    NOTEXIST: TAM file not found

    EXCL: Exclusive control error

    PATH:

        For a character-type special file:

        Specifying other than a character-type special file is impossible, or there is no device for character-type special files.

        For a UNIX file:

        Specifying other than a UNIX regular file is impossible.

S: Stops processing.

O: Examine and remove the cause of the error according to the reason code and then retry.

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KFCA01764-E (L+E)

```
V/R of TAM table aa...aa is invalid.
```

aa...aa: TAM table whose version is invalid

S: Stops processing.

O: Match the version of the TAM table with that of the TAM server or library and then retry.

KFCA01765-E (L+E)

```
V/R of TAM server is invalid.
```

S: Stops processing.

O: Match the version of the TAM server with the library and then retry.

KFCA01766-I

```
TAM table aa...aa placed in failure shutdown state.
```

The state of the TAM table changed to the failure shutdown state.

aa...aa: TAM table placed in failure shutdown state

KFCA01767-E (L+E)

```
network failure occurred during RPC.
```

A communication failure such as a LAN failure occurred due to a hardware failure when making an RPC for the TAM server. This message is output in either of the following cases:

1. RPC during online command processing provided by the TAM server

2. RPC during TAM file updating

S:

    During online command processing:

        Stops command processing.

    During TAM file update processing:

        Terminates the TAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove the network failure and then start OpenTP1.

KFCA01768-E (L+E)

```
cannot start TAM service because error occurred while analyzing
definitions.
```

The contents of the service definition file are incorrect.

S: Terminates.

O: Check the service definitions. Refer to the details output before this message.

KFCA01769-E

```
cannot analyze definition file because of insufficient memory.
required memory size=aa...aa bytes
```

aa...aa: Memory size required when the error occurred

S: Stops analyzing the definition file.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the available memory size.

KFCA01770-E (E)

```
now terminating TAM service.
```

The RPC cannot be sent to the TAM service because the service is being terminated. This message is output if an RPC fails during online command processing.

S: Stops command processing.

KFCA01771-W (E)

```
transaction is being executed; retries unload.
```

KFCA01772-E (E)

```
this special file is not initialized for OpenTP1 file system.
```

S: Terminates processing.

Countermeasure: Initialize the special file for the OpenTP1 file system.

KFCA01773-E (E)

```
versions of the system which created file system and the system
which executes commands do not match.
```

O: Contact the OpenTP1 administrator.

Countermeasure: Install the systems with the same version.

KFCA01774-W

```
TAM table is in failure shutdown state. recover TAM table. TAM
table name: aa...aa, TAM file name: bb...bb
```

The system detected, at restart of online processing, that an error occurred on the I/O error self-handling TAM table before online processing failed and the error is left unhandled.

aa...aa: Name of the I/O error self-handling TAM table in failure shutdown state

bb...bb: TAM physical file name for the TAM table name

S: Continues processing. However, the TAM table is disconnected from the online processing.

O: Recover the TAM table offline. Then, assign it to the online processing.

KFCA01775-E (E)

```
error occurred while analyzing definitions.
```

There is no system common definition file. Or, the system common definition file has invalid contents.

S: Stops command processing.

O: Check the system common definition.

KFCA01776-E

```
I/O error occurred while collecting checkpoint dump of TAM
service.
```

S: Stops the TAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the error and then retry.

KFCA01777-E

```
cannot continue processing because memory was found insufficient
for checkpoint dump of TAM service.
```

S: Stops TAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: Install more memory.

KFCA01778-E

```
failure to read status records of TAM service
```

A status record input error occurred when rerunning in TAM service.

S: Stops the TAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: If a message was output before this message, correct the cause of the error shown in that message. If no such message was output or if you cannot correct the error, contact maintenance personnel.

KFCA01779-E

```
failure to write status records of TAM service
```

A status record output error occurred when rerunning the TAM service.

S: Stops the TAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: If a message was output before this message, correct the cause of the error shown in that message. If no such message was output or if you cannot correct the error, contact maintenance personnel.

KFCA01780-E

```
failure to read checkpoint dump of TAM service
```

A checkpoint dump input error occurred when rerunning TAM service.

S: Performs the following according to the tam_jnl_err_flag value in the system definition for TAM service.

When STOP is specified:

Stops the TAM service.

When CONTINUE is specified:

Ignores the state of the previous transaction, places all the TAM tables in the shutdown state and then starts the TAM service.

O: Contact the OpenTP1 administrator.

Countermeasure

When STOP is specified:

Examine the cause of the error and then retry.

When CONTINUE is specified:

- Recover the error file.
- Recover the TAM files.

KFCA01781-E

```
failure to read TAM service journal
```

A journal file input error occurred when rerunning the TAM service.

S: Performs the following according to the tam_jnl_err_flag value in the system definition for the TAM service.

When STOP is specified:

Stops the TAM service.

When CONTINUE is specified:

Ignores the state of the previous transaction, places all the TAM tables in the shutdown state and then starts the TAM service.

O: Contact the OpenTP1 administrator.

Countermeasure

When STOP is specified:

Examine the cause of the error and then retry.

When CONTINUE is specified:

- Recover the error file.
- Recover the TAM files.

KFCA01782-E

```
journal type of TAM service is invalid.
```

The journal record input at the rerun of the TAM service does not have the journal format for output by the TAM service.

S: Stops TAM service.

O: Contact the OpenTP1 administrator.

Countermeasure: If a message was output before this message, correct the cause of the error shown in that message. If no such message was output or if you cannot correct

the error, contact maintenance personnel.

KFCA01783-I

```
error occurred during recovery processing; all TAM files are
placed in shutdown state.
```

An error such as a journal input error occurred during recovery processing; all TAM files are placed in the shutdown state, and the TAM service processing continues.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the error according to the preceding output message, which indicates the cause.

KFCA01784-E

```
cannot perform updating because TAM table aa...aa is in failure
shutdown state.
```

Synchronization point updating was suspended because the failure shutdown state of the TAM table was detected during recovery processing.

aa...aa: TAM table in failure shutdown state

S: Waits for the TAM table to recover from the failure shutdown state.

O: Contact the OpenTP1 administrator.

Countermeasure: Recover the TAM table from the failure shutdown state in the offline mode and then catalog it into the online mode.

KFCA01785-E

```
cannot perform updating because TAM table aa...aa is deleted.
```

Synchronization point updating was suspended because TAM table deletion was detected during recovery processing.

aa...aa: Deleted TAM table

S: Waits for the deleted TAM table to be cataloged.

O: Contact the OpenTP1 administrator.

Countermeasure: Catalog the deleted TAM table into online mode.

KFCA01786-E (L+E)

```
size of TAM file aa...aa exceeds the max size bb...bb.
```

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aa...aa: TAM file name

bb...bb: Maximum size of online TAM file specified in the system definition for TAM service (decimal number)

S: Terminates processing.

O: Make the maximum size of online files (`tam_max_filesize`) in the TAM service definition equal to or more than the size of the specified TAM file.

KFCA01787-E

aa...aa `file is not a TAM file.`

aa...aa: File name

S: Stops TAM service start processing.

O: Create a TAM file with the tamcre command and then retry.

KFCA01788-E (L+E)

`TAM detected an error. module ID=`*aa...aa*`, location=`*bb...bb*`, reason code=`*cc...cc*

TAM service, TAM library, or TAM command detected an error.

aa...aa: ID of the module in which the error was detected

bb...bb: Location in which the error was detected

cc...cc: Probable reason (return value from each OpenTP1 service)

S: The process that detected an error displays the *KFCA00105-E* message and terminates abnormally.

O: Inform maintenance personnel of the module ID, location and reason code output in the message.

KFCA01789-E (L+E)

`options are incorrectly combined. TAM table name:` *aa...aa*

The combination of the tamtable options or tamadd command options in the TAM service definition is invalid.

aa...aa: Name of the TAM table for which combination of options is invalid

S: When this message is output at start of the TAM service, starts the TAM service without assigning the TAM table to online processing.

When this message is output by the tamadd command, stops the command

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processing and terminates abnormally.

O: When this message is output at start of the TAM service, correct the service definition then restart the online processing normally. Or, after correcting the service definition, execute the tamadd command with correct options to assign the table to the online processing.

When this message is output by the tamadd command, re-execute the tamadd command with correct options.

KFCA01790-W

```
failure to page fixing; continues processing.
```

S: Continues processing.

KFCA01791-E (L+E)

```
cannot continue processing due to failure shutdown state.
```

The processing cannot be continued because the TAM table is in the failure shutdown state.

O: Recover the TAM table.

KFCA01792-E (L+E)

```
cannot access file. file name: aa...aa
```

Access to the file or directory is not authorized.

aa...aa: File name

O: Change the access authorization for the file and that for the directory where the file is to be created.

KFCA01793-E (S)

```
cannot perform loading because TAM table is in file failure
shutdown state.
```

Loading fails because a file error occurred on an I/O error self-handling TAM table.

S: Terminates processing.

O: Disconnect the TAM table, recover it to be the status before the error occurrence, and register it in OpenTP1. Then, reenter the command.

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KFCA01800-I (L+S)

```
now starting OpenTP1.
```

S: Continues OpenTP1 start processing.

KFCA01801-E (E)

```
cannot start OpenTP1 because of improper operational
environment. reason code=aa...aa
```

aa...aa: Cause that disables starting

MEMORY: Insufficient memory

PROGRAM: Prerequisite program product not found

VERSION: Different operating system version

SETUP: System not set up, or the process service is placed in the pause status after outputting the *KFCA00715-E* message.

PAUSE: System failure, or system during preprocessing

USER_COMMAND: User environment setting command cannot be started; or, it terminated abnormally.

USER_COMMAND_CONF: The definition of the user environment setting command cannot be read.

SHM_EINVAL: Required shared memory size exceeded the upper limit for the operating system.

SHM_ENOMEM: The operating system does not have the memory equivalent to the required memory size.

SHM_ENOSPC: The number of shared memory IDs exceeded the maximum value defined in the operating system.

SHM_EMFILE: The number of open files exceeded the number of open file tables in the operating system.

SHM_EINTR: Signal received during shared memory allocation

ENV_DCDIR: Environmental variable DCDIR is not set; or, the directory cannot be referred to.

STS_SERVICE: Status service cannot be used because it is being started.

CONFIGURATION: OpenTP1 must be registered again in the operating system due to change of the system common definition or host name.

DCCONFPATH: The value for the DCCONFPATH environment variable that sets a

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path of the directory for storing definitions is missing.

> Alternatively, the value of DCCONFPATH inside env (system environment definition file) under $DCDIR/conf does not match the value of the command's environment variable.

NODE ID: The node_id phrase specified in the system common definition is missing.

START_COMMAND: The dcstart command could not be started.

SYSTEM ID: The system_id phrase specified in the system common definition is missing.

S: Suspends OpenTP1 start processing.

O: Modify the OpenTP1 operational environment and then restart OpenTP1.

Countermeasure: Check the OpenTP1 operational environment.

MEMORY: Check if there is enough actual memory size and swap memory size in the operating system. Also check the values specified for dynamic_shmpool_size and static_shmpool_size in the OpenTP1 system environment definition.

PROGRAM: Install the prerequisite program product.

VERSION: Install the correct operating system version.

SETUP: Set up the system. If the process service is placed in the pause status after outputting the *KFCA00715-E* message. Follow the instruction shown in this message.

PAUSE: Refer to the message output together. If no message is output, reenter the command after a while.

USER_COMMAND: Check the user environment setting command.

USER_COMMAND_CONF: Check the specified contents of user_command in the OpenTP1 system environment definition.

SHM_EINVAL: Specify smaller values for dynamic_shmpool_size and static_shmpool_size in the OpenTP1 system environment definition. Or, increase the maximum size of the shared memory segments in the operating system and then re-create kernel.

SHM_ENOMEM: Increase actual memory of the operating system.

SHM_ENOSPC: Decrease the number of shared memory areas in the operating system. Or, increase the maximum number of shared memory IDs in the operating system and then re-create kernel.

SHM_EMFILE: Decrease the number of open files under the operating system. Or,

increase the number of open file tables in the operating system and then re-create kernel.

SHM_EINTR: Examine the cause of signal occurrence, take corrective action and then restart OpenTP1.

ENV_DCDIR: Set environmental variable DCDIR.

CONFIGURATION: Use the dcsetup command to delete the registration of OpenTP1 from the operating system, register OpenTP1 in the operating system again, then execute the dcstart command. Or, recover the status before change, then execute the dcstart command.

DCCONFPATH: Set the DCCONFPATH environment variable in the shell environment for executing commands. If the setting is already done, make sure that the value of DCCONFPATH inside env (system environment definition file) under $DCDIR/conf matches the value of the command's environment variable.

NODE ID: Add the node_id phrase to the system common definition.

START_COMMAND: Contact the OpenTP1 administrator.

SYSTEM ID: Add the system_id phrase to the system common definition.

KFCA01802-E (E)

cannot start OpenTP1 because another OpenTP1 with the same ID is operating.

S: Suspends OpenTP1 start processing.

O: Waits for running OpenTP1 to terminate, or change the OpenTP1 ID, and then restart OpenTP1.

KFCA01803-I

OpenTP1 start mode is determined. start mode: *a*

a: Determined start mode

S: Normal start

R: Restart

S: Continues OpenTP1 start processing.

O: After OpenTP1 ends normally, from the next time it is started, if restart has been selected as the start mode, see the examples of errors and the investigation procedure in the manual *OpenTP1 Operation*.

KFCA01804-R (S)

```
select OpenTP1 start mode. [s: normal start, r: restart, t:
terminate]
```

Normal start of OpenTP1 was instructed, but a message re-inquires which start mode to use because the previous OpenTP1 termination mode was not normal termination.

S: Outputs the message as the standard output and then reads one line from the standard input. If the line begins with s, the system starts OpenTP1 normally. With r, the system restarts OpenTP1. With t, the system terminates OpenTP1. With other than those characters, the system repeats output of the message and reading one line from the standard input.

O: Select one of the following:

    s: Normal start

    r: Restart

    t: Terminate

KFCA01805-R (S)

```
select OpenTP1 operation. server name: aa...aa
[r: retry, g: continue, t: terminate]
```

An error occurred while starting service. A message inquires the operator whether to continue processing.

aa...aa: Server about which the inquiry is made

S: Outputs the message as the standard output and then reads one line from the standard input. If the line begins with r, the system retries processing. With g, the system continues OpenTP1 processing. With t, the system terminates OpenTP1. With other than those characters, the system repeats output of the message and reading one line from the standard input.

O: Select one of the following:

    r: Retry

    g: Continue

    t: Terminate

KFCA01806-I (S)

```
starts retry.
```

Response message for *KFCA01805-R*

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S: Restarts the server.

KFCA01807-I (S)

```
continues OpenTP1 start processing.
```

Response message for *KFCA01805-R* and *KFCA01817-R*

S: Continues OpenTP1 start processing.

KFCA01808-I (S)

```
stops OpenTP1.
```

Response message for *KFCA01804-R*, *KFCA01805-R*, and *KFCA01817-R*

S: Stops OpenTP1.

KFCA01809-I

```
OpenTP1 is now online.
```

OpenTP1 has been activated and online applications now can be started.

S: Continues OpenTP1 processing.

KFCA01810-I

```
starts schedule.
```

The user server has been activated and online applications now can be started.

S: Continues OpenTP1 processing.

KFCA01811-I

```
now starting server aa...aa.
```

aa...aa: Server being started

S: Continues OpenTP1 processing.

KFCA01812-E (L+E)

```
error occurred while starting server aa...aa.
reason code=bb...bb
```

aa...aa: Server with an error

bb...bb: Possible causes are:

COMMUNICATION: Inter-process communication error

MEMORY: Insufficient memory

CONFIGURATION: Error during definition analysis

EXIST: A server with the same server name or the same service group name is already operating.

MAX PROCESSES: Maximum number of processes exceeded

LOCK: Failure in lock processing

SERVER DOWN: Server terminated abnormally.

NO SERVER: Server terminated normally or abnormally.

STATIONING PROCESS INVALID: Number of resident processes in the definition is 0.

DEFINE FILE UNREAD: Error during definition analysis

SHARED MEMORY: Shared memory allocation impossible

FORK FAILED: Failure in server activation

NO SCHEDULER: Scheduler is now terminating or failed.

MAX SERVERS: Maximum number of servers exceeded

VERSION INVALID: Version error

LOCAL DOMAIN UNDEFINED: Local domain name undefined

STOPPING NOW: Server now terminating

NO SERVICE PRODUCER: Process service not started

NO RPC ENVIRONMENT: RPC environment not started

SCD NOT UP: Scheduler service not started

PRC ERROR: Error in process service

NOT EXIT: A process having the same server name has not yet been exited after the issue of dc_rpc_close.

TEST ERROR: Error in tester service

NO SPACE: The capacity under $DCDIR is running short.

S: Continues OpenTP1 processing.

Countermeasure: Remove the cause of the error and then restart the server.

COMMUNICATION: Examine the cause of the network failure.

MEMORY: Check the actual memory size and swap memory size in the operating

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system.

SHARED MEMORY: Check the shared memory size in the system environment definition.

CONFIGURATION: Check the definition.

DEFINE FILE UNREAD: Check the service group name, maximum number of processes, and number of resident processes in the definition.

STATIONING PROCESS INVALID: Set the number of resident processes in the definition to 1 or more.

LOCAL DOMAIN UNDEFINED: Check the local domain name in the system common definition and system environment definition.

MAX PROCESSES: Check the maximum number of processes in the process service definition.

SERVER DOWN: Examine the cause that terminated the server abnormally.

NO SERVER: If the server terminated abnormally, examine the cause.

FORK FAILED: Check memory size and the number of processes.

MAX SERVERS: Check the maximum number of servers in the system environment definition and schedule service definition.

VERSION INVALID: Check the versions of library and daemon.

NO RPC ENVIRONMENT: Check if dc_rpc_open() has been issued.

PRC ERROR: Take action in the same manner as shown in COMMUNICATION, LOCAL DOMAIN UNDEFINED, and VERSION INVALID.

NOT EXIT: Wait for the server process to be exited; or exit the process.

TEST ERROR: Proceed as indicated the message output immediately before this message.

NO SPACE: Check the disk capacity and delete unnecessary files.

KFCA01813-I

```
server aa...aa is now online.
```

aa...aa: Activated server

S: Continues OpenTP1 processing.

KFCA01814-I (L+S)

```
previous operation did not terminate normally; perform normal
start.
```

Normal start of OpenTP1 was instructed, but the previous OpenTP1 termination mode was not normal termination.

S: Forces OpenTP1 to start normally.

KFCA01815-E (E)

```
error occurred in OS while executing aa...aa. function value=bb...bb,
errno=cc...cc
```

aa...aa: System call or subroutine that terminated abnormally

　　mkdir: If the prc_current_work_path operand in the system common definition is specified, permissions for the specified directory are invalid.

bb...bb: Function value of the system call or subroutine that terminated abnormally.

　　For a system call, maintenance information may be displayed. To determine the cause of the system call error, refer to the value of errno.

cc...cc: errno value upon abnormal termination

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the error referring to the manual for the operating system.

　　mkdir: If the prc_current_work_path operand in the system common definition is specified, make sure that the specified directory has the necessary permissions.

KFCA01816-E

```
cancels restarting server aa...aa. reason: bb...bb
```

The server went down but its restart was canceled.

aa...aa: Name of the server that was not restarted

bb...bb: Indicates the cause of the cancellation of restart

　　STOPPING: System was being terminated.

　　3 TIMES DOWN: The server went down three times consecutively.

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S: Stops restarting the server and continues termination processing of the system.

O: Correct the error, then restart the server.

STOPPING: No countermeasures are necessary.

3 TIMES DOWN: Correct the error, then use the dcsvstart command to restart the server, if necessary.

KFCA01817-R (S)

```
select OpenTP1 operation. server name: aa...aa
[g: continue, t: terminate]
```

As many server processes as resident processes could not be activated. The operator is inquired of whether to continue processing.

aa...aa: Server about which the inquiry is made

S: Outputs the message as the standard output and then reads one line from the standard input. If the line begins with g, the system continues OpenTP1 processing. With t, the system terminates OpenTP1. With other than those characters, the system repeats output of the message and reading one line from the standard input.

O: Select either of the following:

g: Continue

t: Terminate

KFCA01818-E (E)

```
stops activating server aa...aa because the server is not in halt
state.
```

aa...aa: Server not in halt state

S: Stops activating the server.

O: Check the name of the server to be activated.

KFCA01819-E (L+E)

```
OpenTP1 cannot continue. reason: aa...aa
```

aa...aa: Indicates the cause of the error.

COMMUNICATION: Inter-process communication error

MEMORY: Insufficient memory

LOCK: Lock error

UAP NOT START: Start of standby process failed.

NO SPACE: The capacity under $DCDIR is running short.

USER_COMMAND_ONLINE: The command of completion of starting system cannot start, or terminated abnormally.

S: Stops OpenTP1.

O: Remove the cause of the error and restart OpenTP1.

COMMUNICATION: Examine the cause of the network error.

MEMORY: Check the real memory size or the swap area size of the OS.

LOCK: Increase max_open_fds in the system common definition. Or, increase the number of file tables by a system parameter. For details about changing the system parameter, see the relevant OS documentation.

UAP NOT START: Correct the error indicated in *KFCA01812-E*, then restart the system.

NO SPACE: Check the disk capacity and delete unnecessary files.

USER_COMMAND_ONLINE: Check the command of completion of starting system.

KFCA01820-E (L+E)

```
server aa...aa has failed. pid: bb...bb, service group name: cc...cc,
run mode: dd...dd, critical state: e, ff...ff, end state: gg...gg
```

aa...aa: Failed server

bb...bb: Process ID of the failed server

cc...cc: Service group name of the failed server

dd...dd: Server run mode immediately before the server failed

OpenTP1: The server failed during execution of a library function provided by OpenTP1.

USER: The server failed during execution of something other than a library function provided by OpenTP1.

e: Indicates whether or not the server is in the critical status.

Y: The server is in the critical status.

N: The server is not in the critical status.

ff...ff: Critical information

gg...gg: Process end state returned with the UNIX system call `wait(2)`

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In UNIX, the displayed process end state consists of four digits, where the upper two digits and lower two digits have different meanings.

The upper two digits indicate the value when the process was ended by `exit()`. For example, `0000` appears if the process was ended by `exit(0)`, and `0100` appears if the process was ended by `exit(1)`.

The lower two digits indicate the signal number when the process was ended by a signal. For example, `0009` indicates that the process was ended by `SIGKILL` (see `/usr/include/sys/signal.h`). The third digit of the process end state is `8` when a core file was output. For example, `008X` indicates that the process was ended by signal number *X* and the core file was output.

The following gives examples of the process end state. Note that they are just examples, and other process end states may be displayed.

`0083`: Ended due to an OpenTP1 function (such as a timeout during real-time monitoring).

`0086`: Aborted.

`008a`: Ended due to an invalid memory access or other error.

`008b`: Ended due to an invalid memory access or other error.

`0000`: Ended by `exit(0)`.

`0100`: Ended by `exit(1)`.

`****`: The end state cannot be determined (by using, for example, the OpenTP1 `dcsvstart` command).

S: Performs postprocessing of the server and, if necessary, then restart it.

Countermeasure: If the run mode of the failed server is USER, the user server process ended in other than the OpenTP1 processing. Determine the user server processing that caused the server failure. If the run mode of the failed server is OpenTP1, determine the cause of the server failure and take corrective action according to the message that was output before this message. Then restart the server if necessary. If necessary, see the examples of errors and the investigation procedure in the manual *OpenTP1 Operation*.

For HP-UX:

When the user server failed, use the chatr command of the operating system to confirm that "immediate" is set for the bind mode.

KFCA01821-E (L+E)

```
cannot continue OpenTP1 processing because serious error
occurred; stops OpenTP1.
```

S: Stops OpenTP1 and, if necessary, then restart it.

O: Remove the cause of the error according to the preceding output message and, if necessary, then restart OpenTP1.

Note:

This message might be output whether or not OpenTP1 is in the online status.

KFCA01822-W (S)

warning: size of shared memory *aa...aa* is smaller than before.

aa...aa: Type of shared memory smaller than before

static: Static shared memory

dynamic: Dynamic shared memory

S: Continues processing if the OpenTP1 start mode is AUTO or MANUAL1. In other cases, outputs the *KFCA01805-R* message.

Countermeasure: Check the definition. If necessary, change the shared memory size and then restart OpenTP1.

KFCA01823-E (C)

system version is invalid;stops system startup.

S: Stops system start (or restart) processing.

Countermeasure: Check the versions of library and server and then restart the system.

KFCA01824-E (C)

OpenTP1 ID is invalid; stops system restart.

The OpenTP1 ID obtained at system restart differs from that obtained at normal start.

S: Stops system restart processing.

O: Specify the correct OpenTP1 ID and then restart OpenTP1.

KFCA01825-E (C)

system directory is invalid;stops system restart.

The OpenTP1 directory obtained at system restart differs from that obtained at normal start.

S: Stops system restart processing.

O: Restart OpenTP1 with the correct OpenTP1 directory.

KFCA01826-R

```
OpenTP1 directory=aa...aa, OpenTP1 version=bb...bb, static shared
memory=cc...cc, dynamic shared memory=dd...dd, system run ID=ee...ee,
OpenTP1 ID=ff...ff, node ID=gg...gg
```

The environment is displayed at the normal start or restart of the system. The previous OpenTP1 environment is displayed at system restart.

aa...aa: OpenTP1 directory

bb...bb: OpenTP1 version

cc...cc: Size of static shared memory

dd...dd: Size of dynamic shared memory

ee...ee: System run ID

ff...ff: OpenTP1 ID

gg...gg: Node ID

S: Displays the system environment.

O: Check the system environment.

KFCA01827-E (S)

```
node ID is invalid; stops system startup.
```

An invalid node ID is specified in the definition. Or, the node ID obtained at system restart differs from that obtained at normal start.

S: Stops system start processing.

O: Specify a valid node ID in the system common definition and then restart OpenTP1.

KFCA01828-E (E)

```
maximum number of servers in system environment definition is
smaller than that when OpenTP1 was last started.
```

S: Stops OpenTP1 start processing.

O: Check the maximum number of servers in the system environment definition.

KFCA01829-E (C+E)

```
system service configuration definition contains conflict.
```

```
reason: aa...aa
```

aa...aa: Indicates the reason for the conflict.

JAR NODE: A function that is not supported by the global journal archive node is defined.

NOT MULTI NODE: The global journal service function is not supported because multi_node_option=Y is not specified in the system common definition.

S: Stops system start processing.

O: Remove the cause of the error, then restart OpenTP1.

JAR NODE: Check the system service configuration definition.

NOT MULTI NODE: To use the global journal service function, specify multi_node_option=Y in the system common definition. Otherwise, specify jar_conf=N in the system service configuration definition.

KFCA01830-E (E)

```
permission denied
```

S: Stops command processing.

O: Log in as a super user and re-execute dcsetup.

KFCA01831-E (E)

```
specified OpenTP1 system already cataloged.
```

S: Stops command processing.

O: Specify a valid OpenTP1 directory then re-execute dcsetup.

KFCA01832-E (E)

```
specified OpenTP1 system is not cataloged.
```

S: Stops command processing.

O: Specify a valid OpenTP1 directory then re-execute dcsetup.

KFCA01833-E (E)

```
specified OpenTP1 home directory does not exist.
```

S: Stops command processing.

O: Specify a valid OpenTP1 directory, then re-execute dcsetup.

KFCA01834-E (E)

```
insufficient disk capacity
```

There is insufficient free space on the disk, such that the files necessary for execution cannot be created.

S: Stops command processing.

O: Use dcsetup -d to delete the OpenTP1 directory which caused this message to appear. As the OpenTP1 home directory, specify a directory in a partition having sufficient free capacity. Then, re-execute dcsetup.

KFCA01835-I (S)

```
creates files necessary for execution.
```

KFCA01836-R (S)

```
specify whether to delete the files necessary for execution from
the specified OpenTP1 directory.
[y: Yes, n: No]
```

The operator is asked whether the OpenTP1 system is to be deleted from the specified directory.

S: After output of the message, reads one line from the standard input; if the line begins with y, deletes the files necessary for execution from the specified OpenTP1 directory. Otherwise, does not delete them.

O: Select either of the following:

y: Deletes them.

n: Does not delete them.

KFCA01838-E (E)

```
OpenTP1 home directory must be specified with full path name.
```

S: Stops command processing.

O: Specify the full path name of the OpenTP1 directory, then re-execute dcsetup.

KFCA01839-E (E)

```
deletion of files from OpenTP1 home directory failed.
```

S: Stops command processing.

O: Determine why the files necessary for execution could not be executed from the OpenTP1 home directory, then re-execute dcsetup.

KFCA01840-I (E)

```
now terminating OpenTP1.
```

aaaaa: Termination mode

> NORMAL: Normal termination

> FORCE NORMAL: Forced normal termination

> PLANA: Planned termination A

> PLANB: Planned termination B

> FORCE: Forced termination

S: Continues OpenTP1 processing.

KFCA01841-I (S)

```
OpenTP1 terminated.
```

S: Continues OpenTP1 processing.

KFCA01842-I

```
now terminating server aa...aa.
```

aa...aa: Server that is terminating

S: Continues OpenTP1 processing.

KFCA01843-I

```
server aa...aa terminated.
```

aa...aa: Server that terminated

S: Continues OpenTP1 processing.

KFCA01844-E (L+E)

```
error occurred while terminating server aa...aa.
reason code=bb...bb
```

aa...aa: Server with an error

bb...bb: Possible causes are:

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COMMUNICATE: Inter-process communication error

EXIT: In halt state (no server), or now terminating

ABORTING: Server now terminating abnormally (dcsvstop)

CRITICAL: Forced termination suspended because of critical state

MEMORY: Insufficient memory

ABORT: Server terminated abnormally (dcstop).

ABNORMAL: After trying termination with dcstop, the server was found to have not terminated normally.

CANNOT END: Forced termination is impossible because of SUP.

PROTOCOL: dc_adm_complete (for SUP) or dc_rpc_mainloop (for SPP) was not issued.

CANCEL NORMAL: Normal termination of the user server with dcsvstop is impossible because Y is specified for the set cancel_terminate in the user service definition or user service default definition (normal termination of the system with dcstop is possible).

S: Continues OpenTP1 processing.

O: Remove the cause of the error and then terminate the server. Check if all servers terminated because some may not have terminated. They may accept only forced termination (dcsvstop -f or dcstop -f) according to the timing of previous termination.

KFCA01845-E (L+E)

```
commands cannot be entered because OpenTP1 is inactive.
```

S: Terminates the command.

KFCA01846-E (L+E)

```
some servers were forced to terminate; cannot terminate the
system normally.
```

S: Terminates the command.

O: Restart the servers whose names were output with ABNORMAL in the *KFCA01844-E* message and then terminate them normally. Or terminate the system by forced termination, planned termination A, or planned termination B.

KFCA01847-E (L+E)

```
some servers are being started or terminated; cannot terminate
the system.
```

S: Terminates the command.

O: Wait until the terminating user server stops. If the user server does not stop, use the `prckill` command to kill the UAP process. Then collect the data for determining the cause of the error.

KFCA01848-I

```
all user servers terminate.
```

S: Continues processing.

KFCA01849-W (S+L)

```
now waiting for termination of server aa...aa.
```

aa...aa: Server whose termination the system is waiting for

S: Before terminating, waits for the displayed server to terminate.

O: Terminate the displayed server.

KFCA01850-E (E)

```
root directory is specified in argument.
```

The root directory is specified in the argument.

S: Stops command processing.

O: Specify the OpenTP1's directory correctly, then re-execute the dcsetup command.

KFCA01851-E

```
user service configuration definition is incorrect. reason:
aa...aa
```

There is an error in the user service configuration definition.

aa...aa: Indicates the cause of the error:

    NOT SAME: The user service configuration definition when the system restarted differs from that when the system normally started.

S: Stops the system.

O: Take countermeasures according to the cause of the error.

NOT SAME: Match the user service definition with the definition when the system normally started.

KFCA01853-I

```
cancels starting standby system because the previous system
operation terminated normally.
```

Start of the standby system is canceled because the previous system operation terminated normally. When the standby system starts during system switchover, the start mode must be *Restart* to let the standby system inherit the status of the running system.

S: Stops the system.

KFCA01854-E (E)

```
OpenTP1 home directory name is too long.
```

The home directory name of OpenTP1 is too long.

S: Stops command processing.

O: Specify the home directory name of OpenTP1 correctly, then re-execute the dcsetup command. The home directory name must be unique within the OpenTP1 system.

KFCA01855-I (E)

```
using in dcsetup.
```

aa...aa: User name after change

The user ID not contained in /etc/passwd is indicated in the format (user-ID).

bb...bb: Group name after change

The group ID not contained in /etc/group is indicated in the format (group-ID).

S: Continues the command processing.

KFCA01856-I (E)

```
now cataloging non-OpenTP1 resource managers.
```

S: Continues OpenTP1 processing.

KFCA01857-I (S)

"now executing user-environment-setting-command"

The user environment setting command specified with user_command of the system environment definition is to be executed.

KFCA01858-I

now executing system-starting-complete-command

S: Executes OpenTP1 processing.

KFCA01859-W

now waiting for preparing to terminate. server name=*aa....aa*.

The time specified in the preend_warning_watch_time clause of the system environment definition expired after issuing a request for preparing termination.

S: Continues OpenTP1 processing.

KFCA01860-E (E)

command format is invalid. usage: *aa...aa*

aa...aa: Command format

dcstop [-{a|b|f[d]}]: System termination command

dcsvstop [-df] server_name1 [server_name2]...: Server termination command

dcstart [-gn]: System start command

dcsvstart -u server_name1 [,server_name2]...: Server start command

dcmstart [-n] [-p]{-g subarea_id | -w node_id1 [,node_id2]...}: Start of multinode area and sub-area

dcmstop [-{a|b|f}] [-p]{-g subarea_id | -w node_id1 [,node_id2]...}: End of multinode area and sub-area

dcndls {-g subarea_id | -w node_id1 [,node_id2]...}: OpenTP1 node state display

dcsetup [[-j] | -d [-y|-n]] OpenTP1_directory: Command for cataloging OpenTP1 to OS or deleting the cataloged OpenTP1 from the OS

dcreport [-l[-n]][-c][-r] [start_id [end_id]]: Command for

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editing system statistics in real-time

`dcjchconf [-f filename] [-n] operand_name operand_value`: Command for specifying the operands in the system definition

`dcjcmdex OpenTP1_command [argument[argument]...]`: Command for executing an OpenTP1 command from a scenario template

`dcjnamch [-e] [-f filename] node_name [port_number]`: Command for updating a domain definition file

`dcpplist`: Command for displaying product information

S: Terminates the command.

O: Reenter the command.

KFCA01861-E (L+E)

```
error occurred during command execution.
reason code=aa...aa
```

aa...aa: Cause of the error that occurred during command execution

`COMMAND PID`: When information for a process ID was being deleted, a command with that process ID was entered. Wait for a while and then reenter the command.

`COMMUNICATE`: Inter-process communication error

`COMMUNICATION`: Inter-process communication error. If this error occurred in dcstart, the process service may not be placed in the command wait status, or may be placed in the pause status. If the message *KFCA00715-E* is output to syslog or the console, enter dcsetup -d or dcreset.

`DEFINE FILE`: Definition file error

`ENVIRONMENT VARIABLE`: The environment variable required for executing the command is invalid.

`FILE OWNER`: The owner of `bin/dcterm1` and `bin/dcsetup.sh` in an OpenTP1 installation directory (such as `/BeTRAN/` or `/opt/OpenTP1`) is not a superuser (root). The provided file may have been changed incorrectly after OpenTP1 was installed. Re-install OpenTP1.

`INITIALIZING`: Command cannot be received because dcstart processing is running. Wait till OpenTP1 has started, and then reenter the command.

`JNL CANNOT STOP`: Journal service cannot be terminated.

`MAX PROCESSES`: The number of processes under OpenTP1 has already reached a maximum. Allow some time before entering the command again. Or bring the

system to a tentative stop and increase the value of prc_process_count in the process service definition before starting the system.

MCF DOWN: Command cannot be accepted because MCF went down. Wait until MCF is restarted, then reenter the command.

MEMORY: Insufficient memory

NOT OFFLINE: The dcsetup command was executed when OpenTP1 was active.

OS CATALOGING: Cataloging OpenTP1 to the operating system failed. Contact the OpenTP1 administrator.

OS COMMAND FAILED: Processing of the OS command failed. Take action according to the message displayed for the OS command.

- For the dcrasget command:

    An attempt to archive or compress the file or to create a directory failed.

PARAM: Invalid argument

SERVER NAME LEN: Invalid server name length

SERVER NUM: The specified number of user server names is incorrect.

SHARED MEMORY: Failure in shared memory access

STATUS: Server addition or deletion failed. Or, after issuance of the dc_rpc_close function, an attempt was made to stop the server forcibly before the process disappears.

SYSTEM STATUS: System status table cannot be referred to.

TEMPORARY DIRECTORY: The temporary work area does not have sufficient free space.

- For the dcsetup command:

    This message is output when the /etc/inittab file may have been damaged. Compare the inittab backup file for the dcsetup command work time (the file is among the inittab backup files under $DCDIR/conf/Inittab) with the /etc/inittab file after the message is output. Recover the /etc/inittab file using the backup file if necessary.

- For the dcrasget command:

    The directory specified for the argument does not have sufficient free space.

TIMEOUT: System initialization did not terminate within the specified time.

If this error occurred during execution of the dcstart command, the process service may still be in preparation. Take either of the following

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actions:

- Wait for a while, and then re-execute the `dcstart` command.

- Execute the `dcreset` command. Make sure that the `dcreset` command has terminated, and then execute the `dcstart` command.

If the *KFCA01857-I* message was output before this message, the user environment setting command specified in the `user_command` operand in the system environment definition did not finish. Check the processing of the user environment setting command.

S: Terminates the command.

O: Remove the cause of the error and then reenter the command. For dcsvstop, check if all servers terminated because some may not have terminated. They may accept only dcsvstop -f or dcstop -f according to the timing of previous termination.

KFCA01862-E (L+E)

```
enter server name.
```

S: Terminates the command.

O: Enter the server name for the command argument.

KFCA01863-E (L+E)

```
system state is not aa...aa; cannot execute bb...bb command.
```

aa...aa: Status that allows command entry

ONLINE: Online status

OFFLINE: Offline status

bb...bb: Entered command name

dcstart: System start command

dcstop: System termination command

dcsvstart: Server start command

dcsvstop: Server termination command

dcstats: Statistical journal output command

S: Terminates the command.

O: Take either of the following actions depending on the entered command.

For dcstart, dcsvstart, dcsvstop, or dcstats:

Wait till the system status becomes the displayed status, and then reenter the command.

For dcstop:

Wait till the system status becomes the displayed status, and then reenter the command. Alternatively, enter dcstop -f.

KFCA01864-E (L+E)

```
timeout occurred during execution of command aa...aa.
```

aa...aa: Command name

dcstop: System termination command

dcsvstop: Server termination command

S: Terminates the command.

O: If a dump is output to the core file, save the dump and then contact the OpenTP1 administrator.

Countermeasure: Examine the cause of abnormal termination and then restart OpenTP1. If necessary, see the examples of errors and the investigation procedure in the manual *OpenTP1 Operation*.

KFCA01865-E

```
server has failed: cancels execution of aa...aa command.
```

aa...aa: Entered command name

dcstop: System termination command

S: Terminates the command.

O: If a dump is output to the core file, save the dump and then contact the OpenTP1 administrator.

Countermeasure: Examine the cause of abnormal termination and then restart OpenTP1.

KFCA01866-E (L+E)

```
server aa...aa is specified twice.
```

The server name is specified twice in the system service configuration definition or user service configuration definition. Or, the same name is specified in the input command.

aa...aa: Server name specified twice

S: Terminates the command.

O: Correct the definition and then restart the system. Or, remove the duplicated name from the input command and then reenter the command.

KFCA01867-E (E)

```
cannot continue processing because shared memory cannot be used.
```

S: Terminates the command.

O: Check if the system is operating, and then reenter the command.

KFCA01868-E (L+E)

```
server name aa...aa is invalid.
```

aa...aa: Invalid server name

S: Terminates the command.

O: Correct the command argument and then reenter the command.

KFCA01869-E (E)

```
cannot accept the command because the system failed or is not
installed.
```

S: Terminates the command.

O: Check if the system is operating, and then reenter the command.

KFCA01870-E (L+E)

```
cannot analyze the definition file because of insufficient
memory.
```

Process memory shortage occurred while analyzing the definition file.

S: Stops analyzing the definition file.

Countermeasure: Reduce the number of processes or the memory used by other processes, and then restart OpenTP1.

KFCA01871-E (L+E)

```
communication error occurred. server name=aa...aa,
return code=bb...bb
```

aa...aa: Server with an error

bb...bb: Return code of the error

S: Suspends the server processing.

O: Remove the cause of the error according to the preceding output message. Then restart OpenTP1 if necessary.

KFCA01872-I (S)

```
OpenTP1 is placed in the standby state.
```

S: Places OpenTP1 in the standby state.

KFCA01873-E (L+E)

```
HA monitor is currently stopped.
```

S: Stops OpenTP1.

O: Start the HAmonitor, then restart OpenTP1.

KFCA01874-E (E)

```
cannot connect to HA monitor. reason: aa...aa
```

aa...aa: Indicates the reason for failing to connect to the HAmonitor.

HA NOEXIST: The HAmonitor does not exist or has not been started.

DCDIR LEN: The character string length of environmental variable DCDIR exceeds the maximum character string length.

DUPLICATE: An attempt was made to start a server having the same name.

S: Stops OpenTP1.

O: Remove the cause of the error then restart OpenTP1.

KFCA01875-E (L+E)

```
system error detected while processing communication with HA
monitor. error code: aa, detail code: bb
```

aa: Return code of the HAmonitor

bb: Detail return code of the HAmonitor

S: Stops OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA01876-E (E)

```
program used for connecting to HA monitor not installed; stops
OpenTP1.
```

S: Stops OpenTP1.

O:

To use the HAmonitor

Install TP1/High Availability, then restart OpenTP1.

When the HAmonitor is not used

Correct ha_conf in the system service configuration definition.

KFCA01877-I (L+S)

```
OpenTP1 stop request was issued from HA monitor: stops OpenTP1.
reason: aa...aa
```

aa...aa: Stop reason code within OpenTP1. (Up to seven characters) (maintenance information)

S: Stops OpenTP1.

O: Refer to the message displayed on the HAmonitor.

KFCA01878-I (L+S)

```
OpenTP1 restart request issued from HA monitor; stops OpenTP1
temporarily. reason: aa...aa
```

aa...aa: Stop reason code within OpenTP1. (Up to seven characters) (maintenance information)

S:

If the start method after a stop is automatic

Stops OpenTP1, then automatically starts it.

If the start method after a stop is manual

Stops OpenTP1.

O:

If the start method after a stop is manual

Re-execute the dcstart command.

KFCA01879-E (E+S)

cannot execute this command in the current environment. reason: *aa...aa*

aa...aa: Indicates the reason why the command could not be executed.

JAR NODE: The command cannot be executed because of the global journal archive node.

S: Terminates the command.

O: Check the command execution environment. Reenter the command in the correct execution environment.

KFCA01880-W (E)

skipped blocks detected while reading journal.file type: *aa....aa*(*bb....bb*),previous read point: *cc....cc*,*dd....dd*,current read point: *ee....ee*,*ff....ff*,read direction: *gg....gg*

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Name of the definition file in which the problem was detected

dd....dd: Name of the operand in which the problem was detected

ee....ee: Value specified in *dd....dd*

ff....ff: Name of the definition file that is required when *ee....ee* is specified

gg....gg: Name of the operand or definition command that is required when *ee....ee* is specified

S: Continues processing.

Countermeasure: Specify the name of the operand or definition command indicated by *gg....gg* in the required definition file (*ff....ff*).

KFCA01881-I (E+S)

usage: dcstats {-r | [-k statistics type [,statistics type]...] [-m time interval] [{-a|-s}] [server name [server name]...]}

This message shows the correct usage of the dcstats command.

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KFCA01882-E (E)

```
command argument is invalid.
```

S: Stops command processing.

O: Correct the command argument and then reenter the command.

KFCA01883-E (E)

```
cancels processing because the same command is running.
```

The same command is already in process. This message may be output also when a command is reentered immediately after the command ends abnormally.

S: Stops command processing.

O: Wait for the running command to end, and then reenter the command. If a command has ended abnormally, wait for a while before reentering the command.

KFCA01884-E (E)

```
statistics are already output to the journal.
```

S: Ignores the input command.

O: To specify other statistics for output to the journal, terminate output to the journal by entering dcstats -r. Then specify new statistics and reenter the command.

KFCA01885-E (E)

```
cancels the command because shared memory for statistics in
server aa...aa cannot be allocated.
```

aa...aa: Server whose shared memory should have been allocated

S: Stops command processing.

O: Cancel the statistical journal collection specification for the server and then reenter the dcstats command. Or, change the shared memory size.

KFCA01886-E (E)

```
An error occurred when using the call command. (command name:
aa....aa)
```

aa....aa: Called execution command name

S: Stops processing of the call command.

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O: Take action according to the message that was output before this message.

KFCA01887-I (S)

```
The specified number of retries to request OpenTP1 startup has
ended.
```

Notification of OpenTP1 startup was retried according to the specification of the
`dcstart_wakeup_retry_count` or `dcstart_wakeup_retry_interval`
operand in the system common definition, but the OpenTP1 startup notification was
not completed normally during the specified retry processing.

S: Suspends OpenTP1 start processing.

O: Correct the OpenTP1 operating environment according to the message that was
output immediately before this message, and then restart OpenTP1. If the
KFCA00715-E message was output, take action based on the indicated cause of the
error, and then execute the `dcsetup` command or `dcreset` command.

Countermeasure: Check that the path name consists of 63 or fewer characters.

Also check that the path name is correctly specified as a full path name (for
example, the path name begins with `/`).

KFCA01890-I

```
statistics: ID=aa...aa, number of events=bb...bb, average=cc...cc,
max=dd...dd, min=ee...ee
```

aa...aa: Event ID

bb...bb: Number of times the above event occurred

cc...cc: Average value of events

dd...dd: Maximum value of events

ee...ee: Minimum value of events

S: Terminates the command.

KFCA01892-I (E)

```
information 1=aa...aa information 2=bb...bb
information 3=cc...cc information 4=dd...dd
information 5=ee...ee information 6=ff...ff
information 7=gg...gg information 8=hh...hh
information 9=ii...ii
```

This message indicates maintenance information when an error occurred.

aa...aa: Maintenance information 1

bb...bb: Maintenance information 2

cc...cc: Maintenance information 3

dd...dd: Maintenance information 4

ee...ee: Maintenance information 5

ff...ff: Maintenance information 6

gg...gg: Maintenance information 7

hh...hh: Maintenance information 8

ii...ii: Maintenance information 9

KFCA01893-I (L)

```
all system servers terminated.
```

S: Continues OpenTP1 processing.

KFCA01894-W

```
shared memory getting information : code1=aa....aa, code2=bb....bb,
code3=cc....cc.
```

An error occurred during acquisition processing of the OpenTP1 shared memory. The shared memory area is insufficient or the shared memory identifiers are insufficient. If the shared memory cannot be acquired correctly after a retry, the system outputs the *KFCA01801-E* message and cancels OpenTP1 startup processing.

aa....aa: Shared memory acquisition status

> RETRY START: Retry of shared memory acquisition processing was started because an error occurred.

> RETRY END: The shared memory was acquired correctly after a retry.

bb....bb: Retry interval (unit: seconds)

cc....cc: Retry count

> If *aa....aa* indicates RETRY END, *cc....cc* indicates the remaining number of retries when the shared memory was acquired.

S: Retries the shared memory acquisition processing.

O: Check the system. environment. See the message that was output before this message, if any.

KFCA01895-I (S)

The dcsetup *aa...aa* command was executed.

The dcsetup command was executed.

This message is output only to the syslog file.

aa...aa: Argument passed to dcsetup

If no argument is passed to dcsetup or three or more arguments are specified, *aa...aa* is not displayed.

O: Correct the definition file and enter the dcreset command.

Countermeasure: Check that the path name consists of 63 or less characters.

Also check that the path name is correctly specified as a full path name, such as whether the path name begins with /.

KFCA01896-I (S)

The dcsetup *aa...aa* command finished. exit status =*bb...bb*.

The dcsetup command has terminated.

This message is output only to the syslog file.

aa...aa: Argument passed to dcsetup

If no argument is passed to dcsetup or three or more arguments are specified, *aa...aa* is not displayed.

bb...bb: Termination status of the dcsetup processing

0: Processing is terminated normally.

Value other than 0: Processing is not terminated normally.

S: Terminates the command.

O: When the termination status is other than 0, correct the cause of the error based on the message displayed by the dcsetup command at the standard output or standard error output, and reenter the command.

KFCA01897-I

usage: dcrasget [-c][-g][-l] TargetDirectory

This message indicates how to use the dcrasget command.

KFCA01898-I

```
usage: dccspool [-i][-d day_count][-k kind]
```

This message indicates how to use the `dccspool` command.

KFCA01902-E (E)

```
cannot start log service because of insufficient memory.
```

Log service cannot be started because process-specific memory is insufficient.

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove unnecessary processes and then restart OpenTP1.

KFCA01903-E (E)

```
cannot start log service because of communication failure
```

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: If you find the cause of the communication failure, take corrective action and then restart OpenTP1. If you cannot determine the cause of the communication failure, contact maintenance personnel.

KFCA01910-I (E)

```
log file changed over from aa...aa to bb...bb.
```

Log messages after this message are output to the new log file.

aa...aa: Log file name before changeover

bb...bb: Log file name after changeover

Note

To save message log files of several generations, save the old message log file immediately after the message is output.

KFCA01911-E (E)

```
error occurred while preprocessing log file aa...aa.
```

An error with the cause indicated by the previously output *KFCA00107-E* message (due to an error in system call `stat` or `open`) occurred for the log file.

aa...aa: Log file with an error

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove the cause of the error from the log file and then restart OpenTP1.

KFCA01912-E (E)

```
error occurred while opening log file aa...aa.
```

An error with the cause indicated by the previously output *KFCA00107-E* message (due to an error in system call `open`) occurred while opening the log file.

aa...aa: Log file with an error

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove the cause of the error from the log file.

KFCA01913-E (E)

```
error occurred during log file changeover; log message output
destination changed to standard error output.
```

S: Changes the log message output destination to the standard error output and then continues processing. If the option to output log messages to the console is specified, the console output function is suppressed during output to the standard error output.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the previously output *KFCA01912-E* message and then make it possible to open the log file.

KFCA01914-E (E)

```
I/O error occurred in log file aa...aa; log message output
destination changed to standard error output.
```

aa...aa: Log file with an error

S: Changes the log message output destination to the standard error output and then continues processing. If the option to output log messages to the console is specified, the console output function is suppressed during output to the standard error output.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine and remove the cause of the I/O error (such that the disk is

full).

KFCA01915-I (E)

```
log message output destination changed from standard error
output to log file aa...aa.
```

aa...aa: Log file name after change

S: Changes the log message output destination to the log file and then continues processing. If the option to output log messages to the console is specified, the system cancels suppression of the console output function.

KFCA01916-W (E)

```
log message was removed from syslog-error-list because
syslog_error_list becomed full. aa....aa
```

The oldest message will be deleted from the syslog error list, allowing a new output message to be registered to the syslog error list.

A syslog error list is a memory queue in which messages that could not be output to the syslog are stored until message output is retried.

aa....aa: Message to be deleted

KFCA01917-W (E)

```
failed in output of log message to syslog. maintenance info: aaa:
bbb cc....cc
```

aaa: Name of the system call in which an error occurred

bbb: Maintenance information

cc....cc: Message in which an error occurred

KFCA01920-E (E)

```
this system cannot handle program version aa...aa that requested
message output. request source pid=bb...bb
```

The message output request cannot be accepted because the version of the log service function used by the program that requested message output is incompatible with the version of the log server.

aa...aa: Version of the log service function used by the program that requested message output

bb...bb: Process ID of the message output request source

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: If the program that requested message output is an application program, relink it. If it is not an application program, contact maintenance personnel.

KFCA01921-E (E+X)

```
An error occurred during analysis of audit log definitions.
(process ID = aa....aa, reason code = bb....bb)
```

An error occurred during analysis of definitions related to the audit log.

aa....aa: Process ID of the process in which an error occurred

bb....bb: Reason code

The table below shows the reason codes and countermeasures.

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take appropriate action according to the reason code. If the problem cannot be solved, contact maintenance personnel.

Reason code	Meaning	Countermeasure
3	Insufficient memory	Check the memory usage.
11 to 23	An error occurred during access to an audit log file and audit log output directory.	Make sure that: • The definition is correct. • Access permission is set correctly. • No disk error has occurred. • Resources are sufficient.
-1900	An invalid value is specified in an argument.	Check if the correct value is specified in the argument of the `dc_log_audit_print` function.
-1904	An attempt to analyze the definition has failed.	Make sure that: • The environment variables are correct. • The `dcauditsetup` command is executed correctly.
-1999	The `dc_rpc_open` function has not been issued.	Check if the `dc_rpc_open` function has been issued.
Others	An error other than above occurred.	Obtain maintenance information and then contact maintenance personnel.

KFCA01922-E (E+X)

```
An error occurred during processing to open the audit log file.
(process ID = aa....aa, reason code = bb....bb)
```

An error occurred during processing to open the audit log file.

aa....aa: Process ID of the process in which an error occurred

bb....bb: Reason code (See the reason codes in *KFCA01921-E*.)

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take appropriate action according to the reason code. If the problem cannot be solved, contact maintenance personnel.

KFCA01923-E (E+X)

```
An error occurred during processing to output the audit log file.
(message ID = aa....aa, process ID = bb....bb, reason code = cc....cc)
```

An attempt to output the audit log has failed.

aa....aa: Message ID of the audit log that could not be output

　　If a message ID cannot be obtained, ******** is output.

bb....bb: Process ID of the process in which an error occurred

cc....cc: Reason code (See the reason codes in *KFCA01921-E*.)

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take appropriate action according to the reason code. If the problem cannot be solved, contact maintenance personnel.

KFCA01924-E (E+X)

```
An error occurred during processing to close the audit log file.
(process ID = aa....aa, reason code = bb....bb)
```

An error occurred during processing to close the audit log file.

aa....aa: Process ID of the process in which an error occurred

bb....bb: Reason code (See the reason codes in *KFCA01921-E*.)

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take appropriate action according to the reason code. If the problem cannot be solved, contact maintenance personnel.

KFCA01925-I (E+X)

```
The audit log file was replaced.
```

The audit log file was replaced.

O: Back up the audit log file if necessary.

KFCA01933-E (E)

```
cannot output message aa...aa because of invalid parameter.
```

The message cannot be output because the parameter for the log service is invalid.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Record this message including the serial number of the message ID for the message that could not be output, and then contact maintenance personnel.

KFCA01943-E (E)

```
cannot output message aa...aa because of invalid parameter.
```

The message cannot be output because the parameter for log service is invalid.

aa...aa: Message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Record this message including the message ID for the message that could not be output, and then contact maintenance personnel.

KFCA01944-E (E)

```
parameter for log service is invalid; cannot output message
aa...aa.
```

aa...aa: Message ID for the message that could not be output

S: Continues processing.

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Countermeasure: Check the program that uses the dc_logprint parameter, and correct the parameter.

KFCA01945-E (E)

```
output of log messages to JP1/SES failed; suppresses output to
JP1/SES. maintenance info: aa...aa
```

aa...aa: Maintenance information

S: Suppresses output of log messages to JP1/Base as many times as the value specified in log_jerr_rint of the log service definition.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the cause of the error shown in the message that was output before this message. If no such message was output or if the cause of the error cannot be determined, contact maintenance personnel.

KFCA01946-E (E)

```
restarts output of log messages to JP1/SES.
```

Output of log messages to JP1/Base succeeded allowing the output of log messages to JP1/Base to be restarted.

S: Continues processing after log messages have been output to JP1/Base.

KFCA01947-E (E)

```
I/O error occurred in outputting log messages to JP1/SES.
maintenance info: aa...aa
```

aa...aa: Maintenance information

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA01948-E (E)

```
cannot connect to JP1/SES event server.
```

An output facility (JP1 event service facility) for JP1/Base is specified in the system common definition (set jp1_use=Y). However, the event server of JP1/Base cannot be connected.

S: Continues processing.

Countermeasure: If messages must be output to JP1/Base, determine the cause of the connection failure and remove it.

If you do not need to output messages to JP1/Base, do not specify a JP1 event service facility in the system common definition (set jp1_use=N), and restart OpenTP1.

KFCA01950-I (E+S)

usage: logcat [-niNIdtHpab] [-f log file name]

This message shows the correct usage of the logcat command. It is output when a command option or argument is incorrect.

O: Correct errors in the command option or argument if any.

KFCA01951-E (E)

insufficient memory

Process-specific memory ran short while executing the log service command.

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove unnecessary processes if any.

KFCA01952-E (E)

error occurred during log service. maintenance info: *aa...aa*

aa...aa: Maintenance information

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Record this message and then contact maintenance personnel.

KFCA01953-E (E)

failed in obtaining log file storage directory.

S: Aborts processing.

O: Set $DCDIR and then retry.

KFCA01954-E (E)

cannot open log file *aa...aa*.

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The log file cannot be opened because it is not found or there is no authority to read the log file.

aa...aa: Log file name

S: Aborts opening the log file.

O: Take proper countermeasures and then retry.

Countermeasure: Give read authority if there is no authority to read the log file.

KFCA01955-E (E)

```
I/O error occurred in file aa...aa.
```

An error with the cause indicated by the preceding *KFCA00107-E* message occurred in the log file.

Countermeasure: Remove the cause of the error from the log file and then retry.

KFCA01956-E (E)

```
I/O error occurred in file aa...aa.
```

Processing for the file was canceled because an I/O error occurred in the disk.

aa...aa: Log file name

S: Aborts all processing for the file.

KFCA01957-E (E)

```
file aa...aa is not a log file.
```

aa...aa: File for which processing was attempted

S: Aborts all processing for the file.

KFCA01958-E (E)

```
this command cannot handle the version (aa...aa) of the log file
(bb...bb).
```

The last update time cannot be obtained because the log file is not found or for another reason.

aa...aa: Version of the log file

bb...bb: Log file name

S: Aborts all processing for the file.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact maintenance personnel.

KFCA01959-E

```
there is no log message to output.
```

KFCA01960-W (E)

```
NETM is inactive.
```

The NETM output function is specified (set log_netm_out=Y) in the log service definition, but NETM/Comet, or NETM/OP is inactive.

S: Continues processing.

Countermeasure: If message output to NETM is needed, activate NETM. If not needed, restart OpenTP1 without specifying the NETM output function in the log service definition (i.e., with set log_netm_out = N).

KFCA01961-W (E)

```
I/O error occurred during output of log message to NETM.
maintenance info: aa...aa
```

aa...aa: Maintenance information

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact maintenance personnel.

KFCA01962-E (E)

```
failed in output of log message to NETM; outputs it to standard
error output. maintenance info: aa...aa
```

aa...aa: Maintenance information

S: Outputs the log message to the standard error output and then continues processing. However, this process does not output the log message if the output destination has been changed from the log file to the standard error output. If the option to output log messages to the console is specified, the console output function is suppressed during output to the standard error output.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine and remove the cause of the output failure.

KFCA01963-I (E)

```
restarts log message output to NETM.
```

S: Outputs the log message to NETM and then continues processing. If the option to output log messages to the console is specified, the system cancels suppression of the console output function.

KFCA01964-E (E)

```
error occurred during output to log message notification
facility. Maintenance information: aa...aa
```

aa...aa: Maintenance information

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact maintenance personnel.

KFCA01967-E (E)

```
Initialization of the extended SYSLOG function failed. (process
ID = aa....aa)
```

aa....aa: Process ID of the process in which an error occurred

S: Continues processing. Note, however, that the syslog output retry function cannot be used.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the following items:

- Has the extended SYSLOG function[#] been installed?

- Has the syslog daemon been started at the extended SYSLOG?

If an extended SYSLOG message (beginning with KALE) was output, investigate the cause of the error shown in that message, and then take countermeasures according to the cause of the error.

If the problem cannot be solved, contact maintenance personnel.

#

The extended SYSLOG function is a program provided by the support service (SD-LS100-FR1N1 or SD-LS200-FR1N1).

KFCA01968-E (E)

```
cannot find file (aa...aa)
```

The specified file is not found.

aa...aa: File not found

S: Ignores the specified file and continues processing.

Countermeasure: Record the message and then contact maintenance personnel.

KFCA01969-I (E+S)

```
usage: dcmsgmake [-o o_file] [-r] i_file [i_file]...
```

This message shows the format of the message object file merge command (dcmsgmake). It is output when a command option or argument is incorrect.

S: Does not execute the command.

O: Reenter the command in the correct format.

KFCA01970-I (E+S)

```
usage: logcon [-{y|n}]
```

This message shows the correct usage of the logcon command. It is output when the command format is incorrect.

O: Reenter the command in the correct format.

KFCA01971-E (E)

```
communication failure occurred.
```

The command cannot be executed because a communication failure occurred.

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine and remove the cause of the communication failure.

KFCA01972-E (E)

```
log server is inactive or being terminated.
```

The command cannot be executed because the log server is inactive or being terminated.

KFCA01973-E (E)

versions of log server and command are different.

The command cannot be executed because its version differs from that of the log server.

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check if OpenTP1 is installed correctly.

KFCA01974-E (E)

real-time output function is active.

KFCA01975-E (E)

real-time output function is inactive.

KFCA01976-E (E)

environmental variable *aa...aa* is not set.

aa...aa: Environmental variable not set

S: Aborts processing.

O: Set the environmental variable and then retry.

KFCA01977-E (E)

name server is inactive; cannot execute command.

KFCA01978-E (E)

command argument is invalid.

No command argument is specified or an excessive number of command arguments are specified.

S: Stops command processing.

O: Reenter the command according to the usage message that follows this *KFCA01978-E* message.

KFCA01979-E (E)

```
mandatory option flag is not specified or option flags are
specified in incorrect combination.
```

S: Stops command processing.

O: Reenter the command according to the usage message that follows this *KFCA01979-E* message.

KFCA01980-E (E+S)

```
*** message (aa...aa) cannot be output: memory shortage ***
```

The message cannot be output because of insufficient memory.

aa...aa: Message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove unnecessary processes if any.

KFCA01981-E (E+S)

```
*** message (aa...aa) cannot be output: memory shortage ***
```

The message cannot be output because of insufficient memory.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove unnecessary processes if any.

KFCA01982-E (E)

```
cannot delete file (aa...aa)
```

The merged message object file or temporary file could not be deleted.

aa...aa: File that could not be deleted

S: Ignores the file that could not be deleted, and continues processing.

Countermeasure: Examine the cause according to the *KFCA00107-E* message output preceding this message. After installation ends, delete the file with the rm command.

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KFCA01983-E (E+S)

```
*** message (aa...aa) cannot be output: message file version
different ***
```

The message cannot be output because the version of the message object file differs from the request source program.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Relink the executed program. If this system still displays this message even after you relink the program, contact maintenance personnel.

KFCA01984-E (E+S)

```
*** message (aa...aa) cannot be output: message file not found ***
```

The message cannot be output because the message object file is not found.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check if the environmental variable ($DCDIR) is set correctly.

KFCA01985-E (E+S)

```
*** message (aa...aa) cannot be output: message file I/O error ***
```

The message cannot be output because an I/O error occurred in the message object file.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact maintenance personnel.

KFCA01986-E (E+S)

```
*** message (aa...aa) cannot be output: message file access denied
***
```

The message cannot be output because there is no access authority for the message object file.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Give permission to read the message file, if not given. Give permission to search the directory that configures the path of the message file, if not given.

KFCA01989-E (E)

```
cannot make message file: file (aa...aa) version error file=bb...bb,
command=cc...cc
```

A message object file cannot be created because the command cannot handle the specified message object file version (later than the command version).

aa...aa: File with an error

bb...bb: File version

cc...cc: Command version

S: Stops command execution.

O: Contact the OpenTP1 administrator.

Countermeasure: Record the message and then contact maintenance personnel.

KFCA01990-E (E+S)

```
*** message (aa...aa) cannot be output: parameter too many ***
```

The message cannot be output because of an excessive number of parameters.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Record this message including the serial number of the message ID for the message that could not be output, and then contact maintenance personnel.

KFCA01991-E (E+S)

```
*** message (aa...aa) cannot be output: parameter not enough ***
```

The message cannot be output because of an insufficient number of parameters.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Record this message including the serial number of the message ID for the message that could not be output, and then contact maintenance personnel.

KFCA01992-E (E+S)

```
*** message (aa...aa) cannot be output: message too long ***
```

The message cannot be output because the message length exceeds the upper limit.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Record this message including the serial number of the message ID for the message that could not be output, and then contact maintenance personnel.

KFCA01993-E (E+S)

```
*** message (aa...aa) cannot be output: invalid argument ***
```

The message cannot be output because of an invalid argument.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Record this message including the serial number of the message ID for the message that could not be output, and then contact maintenance personnel.

KFCA01994-E (E)

```
cannot make message file: failure to aa...aa file (bb...bb)
```

A message object file cannot be created because of a failure in file processing.

aa...aa: Processing

open: Open

close: Close

bb...bb: File with an error

S: Stops command execution.

O: Contact the OpenTP1 administrator.

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Countermeasure: Record this message and the preceding *KFCA00107-E* message and then contact maintenance personnel.

KFCA01995-E (E)

```
cannot make message file: failure to aa...aa file (bb...bb) inf=cc...cc, dd...dd
```

A message object file cannot be created because of a failure in file processing.

aa...aa: Processing

   read: File data read

   write: File data write

   lseek: File pointer shift

bb...bb: File with an error

cc...cc, *dd...dd*: Maintenance information

S: Stops command execution.

O: Contact the OpenTP1 administrator.

Countermeasure: Record this message and the preceding *KFCA00107-E* message (if output) and then contact maintenance personnel.

KFCA01996-E (E+S)

```
*** message (aa...aa) cannot be output: message not found ***
```

The message cannot be output because no message is found in the message object file.

aa...aa: Serial number of the message ID for the message that could not be output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Record this message including the serial number of the message ID for the message that could not be output, and then contact maintenance personnel.

KFCA01997-E (E)

```
cannot make message file: file (aa...aa) is not message file
```

A message object file cannot be created because the specified file is not a message object file.

aa...aa: File with an error

397

S: Stops command execution.

O: Contact the OpenTP1 administrator.

Countermeasure: Record the message and then contact maintenance personnel.

KFCA01998-E (E)

```
cannot make message file: cannot rename file (aa...aa)
```

A message object file cannot be created because of a failure in renaming the temporary file.

aa...aa: Temporary file name

S: Terminates processing, leaving the temporary file.

O: Contact the OpenTP1 administrator.

Countermeasure: After command processing ends (or after installation if dcinstall is running), examine the cause according to the preceding *KFCA00107-E* message. Then enter the mv command to change the temporary file name to $DCDIR/lib/msgtxt.

Chapter

4. Messages from KFCA02000 to KFCA02999

This chapter describes messages from KFCA02000 to KFCA02999.

4.1 Messages from KFCA02000 to KFCA02999

4.1 Messages from KFCA02000 to KFCA02999

KFCA02000-E (E)

```
stopped stub generation.
```

S: Outputs no stub.

Countermeasure: Take action according to the error message output together with this message, and then retry.

KFCA02001-E (E)

```
logical error occurred; contact system developer. (function with
an error=aa...aa, reason code=bb...bb)
```

aa...aa: Function with an error

bb...bb: Reason code of the error

S: Stops processing and generates no stub.

O: Report the contents of the message, RPC interface definition, and input command line to the OpenTP1 administrator.

Countermeasure: Report the contents of the message, interface definition, and input command line to maintenance personnel.

KFCA02010-E (E)

```
command argument is invalid.
```

S: Stops processing.

O: Check the contents of the input command.

KFCA02011-I (E)

```
usage: stbmake [-B][-x][-p][{-s|-S} OpenTP1 stub file name][-H
name of stub header file for XATMI][-i include search path for
XATMI][-m merge file search path for XATMI] definition file name
```

S: Stops processing.

O: Check the contents of the input command.

KFCA02020-E (E)

cannot open interface definition file.

S: Stops processing.

O: Change the attribute so that the interface definition file can be referred to.

KFCA02021-E (E)

cannot create server stub file.

S: Continues analyzing the interface definition but generates no stub.

O: Change the attribute of the directory so that a server stub file can be created.

KFCA02022-E (E)

cannot create client stub file.

S: Continues analyzing the interface definition but generates no stub.

O: Check the interface definition.

KFCA02023-E

cannot create XATMI stub header file.

S: Continues analyzing the XATMI interface definition but generates no stub.

O: Change the attribute so that an XATMI stub header file can be created.

KFCA02024-E

cannot create XATMI stub source file.

S: Continues analyzing the XATMI interface definition but generates no stub.

O: Change the attribute so that an XATMI stub header file can be created.

KFCA02025-E

cannot open XATMI merge definition file. (file: *aa...aa*)

aa...aa: File name of XATMI merge definition which cannot be opened

S: Stops processing.

O: Change the attribute so that the XATMI merge definition file can be referenced.

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KFCA02026-E (S)

cannot open XATMI include definition file (file=*aa...aa*).

aa...aa: Name of the XATMI include definition file that cannot be opened

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Change the directory attribute so that the XATMI include definition file can be referenced.

KFCA02030-E (E)

invalid character was found (file: *aa...aa*, line=*bb...bb*, character: *c*).

aa...aa: File name of the interface definition that contains an invalid character

bb...bb: Number of the line in the interface definition file that contains an invalid character

c: Invalid character

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02031-E (E)

invalid character string was found (file: *aa...aa*, line=*bb...bb*, string: *cc...cc*).

aa...aa: File name of the interface definition that contains an invalid character string

bb...bb: Number of the line in the interface definition file that contains an invalid character string

cc...cc: Invalid character string

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02033-E (E)

number of characters in character string exceeds the upper limit (file: *aa...aa*, line=*bb...bb*, string: *cc...cc*).

aa...aa: File name of the interface definition that contains an invalid character string

bb...bb: Number of the line in the interface definition file that contains an invalid character string

cc...cc: Invalid character string

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02034-E (E)

```
unsigned integer exceeds the limit (file: aa...aa, line=bb...bb,
unsigned positive integer: cc...cc)
```

aa...aa: File name of the interface definition that contains an invalid definition

bb...bb: Number of the line in the interface definition file that contains an invalid definition

cc...cc: Invalid definition

S: Continues analyzing the interface definition but generates no stub.

O: Check the interface definition.

KFCA02035-W (E)

```
warning: handled as a comment till the end of the file because
there is no comment termination symbol (file: aa...aa, line=bb...bb).
```

aa...aa: File name of the interface definition that contains a comment without a comment termination symbol

bb...bb: Number of the line in the interface definition file that contains a comment without a comment termination symbol

S: Continues analyzing the interface definition.

O: Check the interface definition.

KFCA02036-E

```
number of characters in member name of typed buffer exceeds the
upper limit (file: aa...aa, line: bb...bb, member: cc...cc).
```

aa...aa: Member name of interface definition that contains an invalid character

bb...bb: Line containing invalid member name in interface definition

cc...cc: Invalid member name

S: Continues analyzing the interface definition but generates no stub.

403

O: Modify the interface definition.

KFCA02037-E

```
both of "entry" and "service" statements exist in definition
statement for one server.(file: aa...aa, line: bb...bb).
```

aa...aa: File name of interface definition having invalid definition

bb...bb: Line containing invalid definition in interface definition

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02040-E (E)

```
syntax error occurred (file: aa...aa, line: bb...bb).
```

aa...aa: File name of interface definition having invalid syntax

bb...bb: Line containing invalid syntax in interface definition

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02050-E (E)

```
length of abbreviated component name is invalid (line=aa...aa,
abbreviated component name=bb...bb).
```

aa...aa: Line with an invalid definition in the interface definition file

bb...bb: Invalid definition

S: Continues analyzing the interface definition but generates no stub.

O: Check the interface definition.

KFCA02051-E (E)

```
service function name is defined twice (line=aa...aa, service
function name=bb...bb).
```

aa...aa: Line with an invalid definition in the interface definition file

bb...bb: Invalid definition

S: Continues analyzing the interface definition but generates no stub.

O: Check the interface definition.

KFCA02052-E (E)

```
number of characters in service function name exceeds the limit
(line=aa...aa, service function name=bb...bb).
```

aa...aa: Line with an invalid definition in the interface definition file

bb...bb: Invalid definition

S: Continues analyzing the interface definition but generates no stub.

O: Check the interface definition.

KFCA02053-E (E)

```
number of array elements is out of the specified range
(line=aa...aa).
```

aa...aa: Line with an invalid definition in the interface definition file

S: Continues analyzing the interface definition but generates no stub.

O: Check the interface definition.

KFCA02054-E (E)

```
maximum number of array elements is out of the specified range
(line=aa...aa).
```

aa...aa: Line with an invalid definition in the interface definition file

S: Continues analyzing the interface definition but generates no stub.

O: Check the interface definition.

KFCA02055-E (E)

```
both in, in_value, or inout attribute parameter and in_vector
attribute parameter coexist in one service function
(line=aa...aa).
```

aa...aa: Line with an invalid definition in the interface definition file

S: Continues analyzing the interface definition but generates no stub.

O: Check the interface definition.

KFCA02056-E (E)

```
in_vector attribute and out attribute parameters are in
incorrect order (line=aa...aa).
```

405

aa...aa: Line with an invalid definition in the interface definition file

S: Continues analyzing the interface definition but generates no stub.

O: Check the interface definition.

KFCA02057-E (E)

```
entry point name begins with 'dc' (file: aa...aa, line: bb...bb,
entry point name: cc...cc).
```

aa...aa: File name of the interface definition that specifies an invalid entry point name

bb...bb: Number of the line in the interface definition file that specifies an invalid entry point name

cc...cc: Invalid entry point name

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02058-E (E)

```
entry point name begins with 'CBLDC' (file: aa...aa, line: bb...bb,
entry point name: cc...cc).
```

aa...aa: File name of the interface definition that specifies an invalid entry point name

bb...bb: Number of the line in the interface definition file that specifies an invalid entry point name

cc...cc: Invalid entry point name

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02059-E (E)

```
number of characters in entry point name exceeds the limit (file:
aa...aa, line: bb...bb, entry point name: cc...cc).
```

aa...aa: File name of the interface definition that specifies an invalid entry point name

bb...bb: Number of the line in the interface definition file that specifies an invalid entry point name

cc...cc: Invalid entry point name

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02060-W (E)

entry point name is duplicate in definition (file: *aa...aa*, line: *bb...bb*, entry point: *cc...cc*).

aa...aa: File name of the interface definition that specifies a duplicate entry point name

bb...bb: Number of the line in the interface definition file that specifies a duplicate entry point name

cc...cc: Duplicate entry point name

S: Continues processing.

O: Modify the interface definition.

KFCA02061-E

number of characters in subtype name exceeds the limit (file: *aa...aa*, line= *bb...bb*, subtype name: *cc...cc*).

aa...aa: File name of interface definition having invalid subtype name

bb...bb: Line containing invalid subtype name in the interface definition file

cc...cc: Invalid definition

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02062-E

typed buffer defined twice (type name: *aa...aa*, subtype name: *bb...bb*).

aa...aa: Type name of typed buffer that has been defined twice

bb...bb: Subtype name of the typed buffer that has been defined twice

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02063-E

definition of argument in the XATMI service function *aa...aa* is invalid.

aa...aa: Name of XATMI service function having an invalid definition

S: Continues analyzing the interface definition but generates no stub.

407

O: Modify the interface definition.

KFCA02064-E

```
name of XATMI definition file cc...cc for the server to be called
is invalid (file: aa...aa, line=bb...bb).
```

aa...aa: File name of interface definition having an invalid definition file name

bb...bb: Line containing invalid definition file name in interface definition

cc...cc: Invalid definition file name

KFCA02065-E

```
definition of typed buffer is invalid (type name: aa...aa, subtype
name=bb...bb).
```

aa...aa: Type name of invalid typed buffer

bb...bb: Subtype name of invalid typed buffer

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02066-E

```
service function name cc...cc begins with "dc" (file: aa...aa,
line=bb...bb).
```

aa...aa: File name of the interface definition specifying an invalid service function

bb...bb: Line in interface definition file specifying an invalid service function

cc...cc: Invalid service function name

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02067-E

```
service function name cc...cc begins with "CBLDC" (file: aa...aa,
line=bb...bb).
```

aa...aa: File name of the interface definition specifying an invalid service function

bb...bb: Line in the interface definition file specifying an invalid service function

cc...cc: Invalid service function name

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02068-E

```
number of characters in service function name cc...cc exceeds the
limit (file: aa...aa, line=bb...bb).
```

aa...aa: File name of interface definition specifying an invalid service function name

bb...bb: Line in the interface definition file specifying an invalid service function name

cc...cc: Invalid service function name

S: Continues analyzing the XATMI interface definition but generates no stub.

O: Modify the XATMI interface definition.

KFCA02069-E

```
service function name defined twice
(file: aa...aa, line=bb...bb, service function name: cc...cc).
```

aa...aa: File name of the interface definition specifying a service function name that has been defined twice

bb...bb: Line in the interface definition specifying a service function name that has been defined twice

cc...cc: Service function name that has been defined twice

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02070-E (E)

```
I/O error occurred with interface definition file. (file: aa...aa)
```

aa...aa: Interface definition file where an I/O error occurred

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the file system of the interface definition file.

KFCA02071-E (E)

```
write to server stub file failed.
```

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the file system of the server stub file.

KFCA02072-E (E)

```
write to client stub file failed.
```

S: Stops processing.

O: Check the interface definition.

Countermeasure: Examine the file system of the client stub file.

KFCA02073-E

```
write to XATMI stub header file failed.
```

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the file system of the XATMI stub header file.

KFCA02074-E

```
write to XATMI stub source file failed.
```

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the file system of the XATMI stub source file.

KFCA02080-E (E)

```
cannot allocate required size of memory.
```

S: Stops processing.

O: Wait for another process to end (release the memory resource), and then reenter the command.

KFCA02090-E

```
number of array elements is out of the specified range (file:
aa...aa, line=bb...bb)
```

aa...aa: File name of the interface definition having an invalid definition

bb...bb: Line having invalid definition in the interface definition file

S: Continues analyzing the interface definition but generates no stub.

O: Modify the interface definition.

KFCA02091-I (S)

```
typed buffer is not defined.
```

S: Continues processing.

O: Check the interface definition.

KFCA02092-W (S)

```
warning: typed buffer is not defined but service function for
XATMI is defined by 'ALL' argument. (service function name:
aa...aa)
```

aa...aa: Service function name

S: Continues processing.

O: Check the interface definition.

KFCA02102-E

```
cannot start checkpoint dump service aa...aa.
reason code=bb...bb
```

aa...aa: Server name for the checkpoint dump I/O process

bb...bb: Reason code that indicates the contents of the error (up to 10 numerals)

The reason codes and countermeasures are listed below.

S: Terminates OpenTP1.

Countermeasure: Examine the reason code and then restart OpenTP1.

Reason code	Meaning	Countermeasure
6	The capacity of the shared memory pool is not enough to satisfy the requirement.	Check the shared memory size specified in the definition.
8 77 88	Memory shortage	Check the state in which the process-specific memory or shared memory is used.

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Reason code	Meaning	Countermeasure
9	Analysis file opening error	Check the definitions for the checkpoint dump file.
10	An error that disables analysis processing occurred.	
12	Sequence of issuing functions has error.	Contact the maintenance personnel.
15 36	A network failure occurred.	Examine the cause of the error, take corrective action and then restart the system.
24	Failure in reading the definition	Take action according to the already output message.
28	Memory shortage	Check the state in which the process-specific memory or shared memory is used.
33	There is service information cataloged with the same service group name and user key.	Contact maintenance personnel.
34	The service information is not cataloged.	
35	Timeout	Examine the cause of the error, take corrective action and then restart the system.
37	Service information must be cataloged with the nam daemon (for the server on the client machine), but the nam daemon is starting, terminating, or suspended.	Check the execution state of the server with the command provided by OpenTP1.
38 50 79	Inter-process communication error	Examine the cause of the error, take corrective action and then restart the system.
41	Status file I/O error	Examine the cause of the error, take corrective action and then restart the system.
43	Work area cannot be allocated.	Check the state in which the process-specific memory or shared memory is used.
44	Insufficient number of buffer areas	Check the status service definitions.
45	Records equivalent to required size cannot be allocated (insufficient status file capacity).	

Reason code	Meaning	Countermeasure
47	Status server is not operating.	Check the execution state of the status server with the command provided by OpenTP1.
52	Swapping error	Examine the cause of the error, take corrective action and then restart the system.
72	Status write error	
73	Status read error	
74	Definition analysis error	Check the contents of the checkpoint dump definition, take corrective action, and then restart OpenTP1. If this error occurs repeatedly, contact maintenance personnel.
76	Intra-ADM file write error	Examine the cause of the error, take corrective action and then restart the system.
89	Definition file name defined twice	Check the definition file, correct settings and then restart the system.
92	File opening error	Examine the cause of the error, take corrective action and then restart the system. Details of the error are displayed in *KFCA02122-W*.
94	Error found by analysis	Check the definition file, correct settings and then restart the system.
101	Insufficient process memory for SJL processing	Check the state in which the process-specific memory is used. Details of the error are displayed in the SJL message output immediately before this message.
102	SRF file definition analysis error	Check the definition of the SRF file Details of the error are displayed in the SJL message output immediately before this message.
103	SRF file opening error	Examine the cause of the error, take corrective action, then restart the system. Details of the error are displayed in the SJL message output immediately before this message.
104	Error while opening the definition file	Check the contents of the definition file, set the system correctly, and then restart the system.
106	Invalid contents of the definition	

KFCA02104-W

```
cannot recover the previous checkpoint dump service status from
status file; continues recovery processing without status file.
reason code=aa...aa
```

aa...aa: Reason code that indicates the contents of the error (up to 10 numerals)

The reason codes and countermeasures are listed below.

S: Starts the service normally because a service that does not collect a checkpoint dump cannot be restarted from a journal. (Recovers the service environment from the checkpoint dump service definition file and then restarts the service.)

Countermeasure: Take action according to the above reason code.

Reason code	Meaning	Countermeasure
43	There is no status record to be used for recovery.	Check the status service definitions.
44	Status file has invalid contents.	
45	The run ID of the resource is invalid.	Check if the definition is the same as that last time used by OpenTP1.

KFCA02105-W

```
error occurred while terminating checkpoint dump service;
continues processing. reason code=aa...aa
```

aa...aa: Reason code that indicates the contents of the error (up to 10 numerals)

The reason codes and countermeasures are listed below.

S: Continues processing.

Countermeasure: Take action according to the above reason code.

Reason code	Meaning	Countermeasure
4	Shared memory cannot be accessed.	Contact maintenance personnel.
28	Process-specific memory cannot be allocated.	Check the state in which the process-specific memory or shared memory is used.
	Shared memory shortage	
30	Deletion of service information was requested with a user ID, but there is no service information for the user ID.	Contact maintenance personnel.

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Reason code	Meaning	Countermeasure
33	There is service information cataloged with the same service group name and user key.	Examine the cause of the error, take corrective action and then restart the system.
34	The service information is not cataloged.	Contact maintenance personnel.
35	Timeout	Examine the cause of the error, take corrective action and then restart the system.
36	A network failure occurred.	
37	Service information must be deleted with the nam daemon (for the server on the client machine), but the nam daemon is starting, terminating, or suspended.	Check the execution state of the server with the command provided by OpenTP1.
38	Inter-process communication error	For next start-up, examine the cause of the error, take corrective action and then restart the system.
39	Status error (The server is inactive, terminating abnormally, or being forcibly terminated.)	
79	Inter-process communication error	

KFCA02108-W

aa...aa error occurred in system call *bb...bb*. function with error: *cc...cc*

An error occurred in a system call requested by checkpoint dump service.

aa...aa: Name of the system call with an error (up to 32 characters)

bb...bb: Error name

cc...cc: Name of the OpenTP1 function with an error (up to 32 characters)

S: Continues processing.

Countermeasure: Examine the cause of the error.

KFCA02109-E

shared memory found insufficient while performing checkpoint dump service for *aa...aa* service.

aa...aa: Service name

S: Terminates OpenTP1.

Countermeasure: Check the state in which shared memory is used, and then restart

OpenTP1.

KFCA02110-E

```
process-specific area found insufficient while performing
checkpoint dump service for aa...aa service.
```

aa...aa: Service name

S: Terminates OpenTP1.

Countermeasure: Check the state in which the process-specific area is used, and then restart OpenTP1.

KFCA02111-E

```
error occurred while performing checkpoint dump service for aa...aa
service. reason code=bb...bb, function=cc...cc
```

aa...aa: Service name

bb...bb: Reason code (up to 10 numerals)

The reason codes and countermeasures are listed below.

cc...cc: Function with an error

S: Terminates OpenTP1.

Countermeasure: Take action according to the reason code, and then restart OpenTP1.

Reason code	Meaning	Countermeasure
4	Shared memory cannot be accessed.	Contact maintenance personnel.
11	Invalid argument	
12	Function issued in incorrect order	
13	A fatal or unexpected error occurred.	Contact maintenance personnel.
14	Memory shortage	Check available memory size.

Reason code	Meaning	Countermeasure
15	A network failure occurred.	Examine the cause of the error according to the following procedure, and then take corrective action. (1)Check the node connection state with the command provided by the operating system. (2)Check the execution state of each server with the command provided by OpenTP1.
16	Send/receive timeout	
17	The input parameter length exceeds the limit.	
18	The returned reply is too large to be contained in the caller's area.	
19	The service is not cataloged.	
20	The server is terminating.	
21	There is no process to provide the service.	
22 25	An unexpected error occurred.	
23	RPC environment is not started.	
26	Name information retrieval error	There is no problem if OpenTP1 is terminating normally. In other cases, contact maintenance personnel.
27	Argument specification error	Contact maintenance personnel.
28	Process-specific memory cannot be allocated.	Check the state in which the process-specific memory or shared memory is used.
	Shared memory shortage	
29	The versions are inconsistent between the function and shared memory or daemon.	Examine the cause of the error according to the following procedure, and then take corrective action. (1)Check the node connection state with the command provided by the operating system. (2)Check the execution state of each server with the command provided by OpenTP1.
30	Deletion of service information was requested with a user ID, but there is no service information for the user ID.	Contact maintenance personnel.

Reason code	Meaning	Countermeasure
31	A function parameter error occurred.	Examine the cause of the error according to the following procedure, and then take corrective action. (1)Check the node connection state with the command provided by the operating system. (2)Check the execution state of each server with the command provided by OpenTP1.
32	Function issued in incorrect order	
33	There is service information cataloged with the same service group name and user key.	Examine the cause of the error, take corrective action and then restart the system.
34	The service information is not cataloged.	Contact maintenance personnel.
35	Timeout	Examine the cause of the error, take corrective action and then restart the system.
36	A network failure occurred.	
37	Service information must be deleted with the nam daemon (for the server on the client machine), but the nam daemon is starting, terminating, or suspended.	Check the execution state of the server with the command provided by OpenTP1.
38	Inter-process communication error	For next start-up, examine the cause of the error, take corrective action and then restart the system.
39	Status error (The server is inactive, terminating abnormally, or being forcibly terminated.)	
79	Inter-process communication error	
80 84 86 87	The value specified for array size exceeds the defined maximum value.	Contact maintenance personnel.
81 82	Area cannot be allocated.	Check available memory size.
83	An error occurred during data conversion.	Contact maintenance personnel.
85	The text received from the function cannot be resolved into arguments because it is short.	

KFCA02114-E

```
file error occurred while getting information necessary for aa...aa
service recovery.
```

aa...aa: Service with an error

S: Terminates OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the error messages output before this message, and the state of the file. Then restart OpenTP1.

KFCA02115-E

```
file error occurred while getting checkpoint dump for aa...aa
service.
```

aa...aa: Service with an error

S: Terminates OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the error messages output before this message, and the state of the file. Then restart OpenTP1.

KFCA02116-I

```
opens checkpoint dump file for aa...aa server. file group name:
bb...bb
```

aa...aa: Server name

bb...bb: File group name (up to eight characters)

KFCA02117-I

```
closes checkpoint dump file for aa...aa server. file group name:
bb...bb
```

aa...aa: Server name

bb...bb: File group name (up to eight characters)

KFCA02118-I

```
checkpoint dump file group aa...aa for bb...bb server has been
opened.
```

aa...aa: File group name (up to eight characters)

bb...bb: Server name

KFCA02119-I

```
checkpoint dump file group aa...aa for bb...bb server has been
closed.
```

aa...aa: File group name (up to eight characters)

bb...bb: Server name

KFCA02120-W

```
error occurred while opening checkpoint dump file for aa...aa
service. file group name: bb...bb, reason code=cc...cc
```

aa...aa: Service with an error

bb...bb: File group with an error (up to eight characters)

cc...cc: Reason code

S: Places the file in the failure state and continues processing.

Countermeasure: Examine the cause of the error.

KFCA02121-W

```
error occurred while closing checkpoint dump file for aa...aa
service. file group name: bb...bb, reason code=cc...cc
```

aa...aa: Service with an error

bb...bb: File group with an error (up to eight characters)

cc...cc: Reason code

S: Places the file in the failure state and continues processing.

Countermeasure: Examine the cause of the error.

KFCA02122-W

```
error occurred while opening checkpoint dump file group for aa...aa
service. file group name: bb...bb, reason code=cc...cc
```

aa...aa: Service with an error

bb...bb: File group with an error (up to eight characters)

cc...cc: Reason code

The reason codes and countermeasures are listed below.

S: Places the file group in the failure state and continues processing.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Countermeasure
36	File status flag is duplicate.	Contact maintenance personnel.
59	File status flag is incorrect.	
61	The special file name is incorrect.	Check the definition of checkpoint dump.
62	The file is not initialized for the OpenTP1 file system.	Initialize the checkpoint dump file and then retry.
63	The file is not found.	
64	The file system version is inconsistent.	Check the OpenTP1 execution environment.
65	Exclusive control error with the file system	
66	Lock segment shortage in the file system	Check available memory size.
67	The upper limit was exceeded when opening the file system.	Close unnecessary files or check the maximum number of files that can be opened and if necessary, then re-create kernel.
68	There is no authority for access to the special file.	Check the OpenTP1 execution environment.
69	There is no authority for access to the file.	
70	File system I/O error	Examine the cause of the I/O error and then take corrective action.
71	File system memory is insufficient.	Check available memory size.
92	File test error (The file is not initialized for checkpoint dump or it is a checkpoint dump file for other OpenTP1.)	Examine the cause of the error according to the following procedure, and then take corrective action. (1)Check the jnladdfg statement of the checkpoint dump file, or the system common definition. (2)Initialize the file for checkpoint dump and then retry.
97	Invalid size	Check the capacity of the checkpoint dump file.

Reason code	Meaning	Countermeasure
98	CPD I/O error	Examine the cause of the I/O error and then take corrective action.

KFCA02123-W

```
error occurred while closing checkpoint dump file group for aa...aa
service. file group name: bb...bb,
reason code=cc...cc
```

aa...aa: Service with an error

bb...bb: File group with an error (up to eight characters)

cc...cc: Reason code

　　The reason codes and countermeasures are listed below.

S: Places the file in the failure state and continues processing.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Countermeasure
66	Lock segment shortage in the file system	Check available memory size.
70	File system I/O error	Examine the cause of the I/O error and then take corrective action.
71	File system memory is insufficient.	Check available memory size.
205	File descriptor is invalid.	Contact maintenance personnel.

KFCA02124-W

```
error occurred while reading from checkpoint dump file for aa...aa
service. file group name: bb...bb,
generation number=cc...cc, reason code=dd...dd
```

aa...aa: Service with an error

bb...bb: File group with an error (up to eight characters)

cc...cc: Generation with an error (2-digit decimal number)

dd...dd: Reason code

　　The reason codes and countermeasures are listed below.

S: Places the file in the failure state and continues processing.

If there are several files, the system proceeds to read another file. If all available files are placed in the failure state, the system outputs the *KFCA02114-E* message and terminates OpenTP1.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Countermeasure
1	Record input beyond the file area was requested.	Contact maintenance personnel.
70	An I/O error occurred.	Examine the cause of the error and then take corrective action.
201 203 206 208	An error was detected upon input of the checkpoint dump file.	Contact maintenance personnel.

KFCA02125-W

```
error occurred while writing to checkpoint dump file for aa...aa
service. file group name: bb...bb,
generation number=cc...cc, reason code=dd...dd
```

aa...aa: Service with an error

bb...bb: File group with an error (up to eight characters)

cc...cc: Generation with an error (2-digit decimal number)

dd...dd: Reason code

The reason codes and countermeasures are listed below.

S: Places the file in the failure state and continues processing.

If there are several files, the system proceeds to write to another file. If all available files are placed in the failure state, the system outputs the *KFCA02115-E* message and terminates OpenTP1.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Countermeasure
1	Record output beyond the file area was requested.	Contact maintenance personnel.
70	DCFILER_IO An I/O error occurred.	Examine the cause of the error and then take corrective action.

Reason code	Meaning	Countermeasure
95	A checkpoint dump with the requested number of records cannot be written to the file.	Contact maintenance personnel.
202 204 207 209	An error was detected upon output of the checkpoint dump file.	Contact maintenance personnel.

KFCA02126-E

```
number of file groups is insufficient for aa...aa service. number
of available file groups=bb...bb, number of guaranteed
generations=cc...cc
```

The number of file groups for *aa...aa* service does not satisfy (the number of guaranteed generations + 1).

aa...aa: Service name

bb...bb: Number of available file groups (decimal number up to three digits)

cc...cc: Number of guaranteed generations (decimal number up to two digits)

S: Suspends obtaining the checkpoint dump for *aa...aa* service.

Countermeasure: Examine the cause of the error according to one of the following messages, which is output before this *KFCA02126-E* message.

- *KFCA02122-W*
- *KFCA02124-W*
- *KFCA02127-W*

KFCA02127-W

```
cannot use checkpoint dump file for aa...aa service because of
insufficient file capacity. file group name: bb...bb, file
capacity=cc...cc, size needed for checkpoint dump=dd...dd
```

The checkpoint dump file of the service *aa...aa* cannot be used because the capacity of the file is too small. For the dual checkpoint dump operation, file A or B whichever smaller is too small.

aa...aa: Service name

bb...bb: File group name (up to eight characters)

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cc...cc: Capacity of the checkpoint dump file (number of records)

dd...dd: Number of records needed for the checkpoint dump file

S: Closes the corresponding file group and continues the processing. With a one-system operation available, however, the file group is not closed if the capacity of the other system is sufficient.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the size of the physical file for the file group *bb...bb*.

KFCA02128-E (E)

```
server name aa...aa specified with this command is invalid.
```

aa...aa: Service name

S: Stops command execution.

O: Enter the correct server name and then re-execute the command.

KFCA02129-E (E)

```
checkpoint dump file group name aa...aa specified with this command
is invalid.
```

aa...aa: File group name (up to eight characters)

S: Stops command execution.

O: Enter the correct file group name and then re-execute the command.

KFCA02130-E (E)

```
-s option specified with this command is invalid.
```

S: Stops command execution.

O: Correct the -s option and then re-execute the command.

KFCA02131-E (E)

```
-g option specified with this command is invalid.
```

S: Stops command execution.

O: Correct the -g option and then re-execute the command.

KFCA02132-E (E)

```
stops command processing because of error. reason code=aa...aa
```

aa...aa: Reason code that indicates the contents of the error (up to 10 numerals)

The reason codes and countermeasures are listed below.

S: Stops command execution.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the error message output to the message log file and then take corrective action.

Reason code	Meaning	Countermeasure
2	A parameter error occurred in a shared memory function.	Contact maintenance personnel.
3	Required segment size is larger than the entire pool size of shared memory.	Check the shared memory size specified in the definition.
4	An attempt to share a segment allocated by another process was made. However, the segment is not yet allocated by any other process.	Check the execution state of journal or checkpoint dump service with the command provided by OpenTP1, wait till the state becomes online, and then re-execute the command.
5	Function executed in incorrect order	
6	The capacity of shared memory pool is insufficient.	Check the shared memory size specified in the definition.
7	Failure in lock processing for shared memory pool	Contact maintenance personnel.
11	Invalid argument	
12	Function input in incorrect order	
13	A fatal or unexpected error occurred.	--
14	Memory shortage	Check available memory size.

Reason code	Meaning	Countermeasure
15	A network failure occurred.	Examine the cause of the error according to the following procedure, and then take corrective action. (1)Check the node connection state with the command provided by the operating system. (2)Check the execution state of each server with the command provided by OpenTP1.
16	Send/receive timeout	
17	The input parameter length exceeds the limit.	
18	The returned reply is too large to be contained in the caller's area.	
19	The service is not cataloged.	
20	The server is terminating.	
21	There is no process to provide the service.	
22 25	An unexpected error occurred.	
23	RPC environment is not started.	
26	Name information retrieval error	Contact maintenance personnel.
27	Argument specification error	
28	Process-specific memory cannot be allocated.	Check available memory size.
29	The versions are inconsistent between the function and shared memory or daemon.	Examine the cause of the error according to the following procedure, and then take corrective action. (1)Check the node connection state with the command provided by the operating system. (2)Check the execution state of each server with the command provided by OpenTP1.
31	A function parameter error occurred.	
32	Function input in incorrect order	
35	Timeout	
36	A network failure occurred.	
37	Service information must be retrieved with nam daemon (for the server on the client machine), but nam daemon is starting, terminating, or suspended.	
40	The key value already exists.	Check the status service definitions or initialization.
41	I/O error	Examine the cause of the I/O error and then take corrective action.
42	The offset plus length is out of the range of allocation area.	Contact maintenance personnel.

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Reason code	Meaning	Countermeasure
43	Work area cannot be allocated.	Check available memory size.
44	Insufficient number of buffer areas	Check the status service definitions.
45	Records equivalent to required size cannot be allocated (insufficient status file capacity).	
46	No record corresponds to the key value.	Contact maintenance personnel.
47	Status server is not operating.	Check the execution state of the server with the command provided by OpenTP1.
48	The offset is out of the range of allocation area.	Contact maintenance personnel.
49	Incorrect parameter format	Contact maintenance personnel.
50	Inter-process communication error	Check the execution state of the server with the command provided by OpenTP1.
51	Required size is incorrect.	Contact maintenance personnel.
52	Swapping error	
53	Protocol version error	
54	The key value is already allocated with a different size.	Contact maintenance personnel.
80 84 86 87	The value specified for array size exceeds the defined maximum value.	
81 82	Area cannot be allocated.	Check available memory size.
83	An error occurred during data conversion.	Contact maintenance personnel.
85	The text received from the function cannot be resolved into arguments because it is short.	
96	Discrepancy in the program	
97	The file size is invalid.	Check the size of the checkpoint dump file.
98	CPD I/O error	Examine the cause of the error and then take corrective action.

Legend: --: Not applicable

KFCA02133-I

```
now preparing for checkpoint dump service aa...aa.
```

aa...aa: Server name for the checkpoint dump I/O process

KFCA02134-I

```
checkpoint dump service aa...aa started.
```

aa...aa: Server name

KFCA02135-E

```
file group name aa...aa specified in definition file bb...bb is
already defined in definition file cc...cc.
```

aa...aa: File group name (up to eight characters)

bb...bb: Definition file with an error (up to 63 characters)

cc...cc: Definition file in which the file group name is already defined (up to 63 characters)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the duplicate file group name.

KFCA02136-E

```
element file name aa...aa specified in definition file bb...bb is
already defined in definition file cc...cc.
```

aa...aa: Element file name (up to eight characters)

bb...bb: Definition file with an error (up to 63 characters)

cc...cc: Definition file in which the element file name is already defined (up to 63 characters)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the duplicate element file name.

KFCA02137-E

physical file name *aa...aa* specified in definition file *bb...bb* is already defined in definition file *cc...cc*.

aa...aa: Physical file name (up to 63 characters)

bb...bb: Definition file with an error (up to 63 characters)

cc...cc: Definition file in which the physical file name is already defined (up to 63 characters)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the duplicate physical file name.

KFCA02138-E

definition file *aa...aa* contains deleted command definitions.

At the restart of checkpoint dump, the definition file contains command definitions that were deleted from the definition upon a normal start.

aa...aa: Definition file with an error (up to 63 characters)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Add the deleted command formats (recover all commands that were deleted from the definition upon a normal start).

KFCA02139-E

definition file *aa...aa* contains commands with deleted file group name *bb...bb*.

At the restart of checkpoint dump, the definition file contains the file group name that was deleted from the definition upon a normal start.

aa...aa: Definition file with an error (up to 63 characters)

bb...bb: File group name (up to eight characters)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Recover the definition of the deleted generation to make the same definition as upon a normal start.

KFCA02140-E

definition file *aa...aa* contains commands with deleted element file name *bb...bb*.

At the restart of checkpoint dump, the definition file has the element file name that was deleted from the definition upon a normal start.

aa...aa: Definition file with an error (up to 63 characters)

bb...bb: Element file name (up to eight characters)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Recover the definition of the deleted element to make the same definition as upon a normal start.

KFCA02141-E

file group name *aa...aa* specified with jnladdfg is already defined in definition file *bb...bb*. record number=*cc...cc*

aa...aa: File group name (up to eight characters)

bb...bb: Definition file with an error (up to 63 characters)

cc...cc: Number of the record with an error in the definition file (up to 10 numerals)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the duplicate file group name.

KFCA02142-E

element file name *aa...aa* specified with jnladdpf is already defined in definition file *bb...bb*.
record number=*cc...cc*

aa...aa: Element file name (up to eight characters)

bb...bb: Definition file with an error (up to 63 characters)

cc...cc: Number of the record with an error in the definition file (up to 10 numerals)

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S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the duplicate element file name.

KFCA02143-E

```
physical file name aa...aa specified with jnladdpf is already
defined in definition file bb...bb.
record number=cc...cc
```

aa...aa: Physical file name (up to 63 characters)

bb...bb: Definition file with an error (up to 63 characters)

cc...cc: Number of the record with an error in the definition file (up to 10 numerals)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the duplicate physical file name.

KFCA02144-E

```
jnladdfg does not specify file group name in definition file
aa...aa. record number=bb...bb
```

aa...aa: Definition file with an error (up to 63 characters)

bb...bb: Number of the record with an error in the definition file (up to 10 numerals)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the descriptions in the definition file.

KFCA02145-E

```
jnladdpf does not specify file group name in definition file
aa...aa. record number=bb...bb
```

aa...aa: Definition file with an error (up to 63 characters)

bb...bb: Number of the record with an error in the definition file (up to 10 numerals)

S: Continues analysis processing. After analysis ends, the system stops checkpoint

432

dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the descriptions in the definition file.

KFCA02146-E

```
jnladdpf does not specify element file name in definition file
aa...aa. record number=bb...bb
```

aa...aa: Definition file with an error (up to 63 characters)

bb...bb: Number of the record with an error in the definition file (up to 10 numerals)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the descriptions in the definition file.

KFCA02147-E

```
jnladdpf does not specify physical file name in definition file
aa...aa. record number=bb...bb
```

aa...aa: Definition file with an error (up to 63 characters)

bb...bb: Number of the record with an error in the definition file (up to 10 numerals)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the descriptions in the definition file.

KFCA02148-E

```
file group name specified with jnladdpf is not defined in
definition file aa...aa. record number=bb...bb
```

The file group name specified with the jnladdpf command for the definition file is not defined with the jnladdfg command at the restart of checkpoint dump.

aa...aa: Definition file with an error (up to 63 characters)

bb...bb: Number of the record with an error in the definition file (up to 10 numerals)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the descriptions in the definition file.

KFCA02149-E

```
number of jnladdfg commands with ONL is insufficient in
definition file aa...aa.
```

At the start of checkpoint dump, the number of jnladdfg commands with ONL in the definition file does not satisfy (the number of valid guarantee generations + 1).

aa...aa: Definition file with an error (up to 63 characters)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the descriptions in the definition file.

KFCA02150-E

```
jnl_objservername does not specify server name in definition
file aa...aa.
```

aa...aa: Definition file with an error (up to 63 characters)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the descriptions in the definition file.

KFCA02151-I

```
now recovering checkpoint dump service aa...aa.
```

aa...aa: Server name for the checkpoint dump I/O process (up to eight characters)

KFCA02152-I

```
now terminating checkpoint dump service aa...aa.
```

aa...aa: Server name for the checkpoint dump I/O process (up to eight characters)

KFCA02153-E

number of jnladdfg commands exceeds the limit in definition file
aa...aa.

aa...aa: Definition file with an error (up to 63 characters)

S: Stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Reduce the number of generations to 30 or fewer.

KFCA02154-E

more than one jnladdpf command is specified for jnladdfg -g *bb...bb*
in definition file *aa...aa*.

aa...aa: Definition file with an error (up to 63 characters)

bb...bb: File group for which more than one jnladdpf command is specified (up to eight
characters)

S: Stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the specification so that one element is for one generation.

KFCA02155-E

number of jnladdpf commands exceeds the limit in definition file
aa...aa.

aa...aa: Definition file with an error (up to 63 characters)

S: Stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the descriptions in the definition file.

KFCA02156-E

jnladdpf is not specified for jnladdfg -g *bb...bb* in definition
file *aa...aa*.

aa...aa: Definition file with an error (up to 63 characters)

bb...bb: File group name specified in the jnladdfg statement (up to eight characters)

S: Stops checkpoint dump start processing.

435

O: Contact the OpenTP1 administrator.

Countermeasure: Check and correct the descriptions in the definition file.

KFCA02157-E

```
shared memory error occurred while starting or terminating
checkpoint dump service. reason code=aa...aa, function=bb...bb
```

aa...aa: Reason code (up to 10 numerals)

The reason codes and countermeasures are listed below.

bb...bb: Function with an error

S: Stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the error and then take corrective action.

Reason code	Meaning	Countermeasure
4	Shared memory cannot be accessed.	Contact maintenance personnel.
6	The capacity of shared memory pool is not enough to satisfy the requirement.	Check the shared memory size specified in the definition.

KFCA02158-E

```
error occurred in status file while starting or terminating
checkpoint dump service. reason code=aa...aa, function=bb...bb
```

aa...aa: Reason code (up to 10 numerals)

The reason codes and countermeasures are listed below.

bb...bb: Function with an error

S: Stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the error and then take corrective action.

Reason code	Meaning	Countermeasure
41	I/O error	Examine the cause of the I/O error and then take corrective action.
43	Work area cannot be allocated.	Check available memory size.

Reason code	Meaning	Countermeasure
44	Insufficient number of buffer areas	Check the status service definitions.
45	Records equivalent to required size cannot be allocated (insufficient status file capacity).	
47	Status server is not operating.	Check the execution state of the server with the command provided by OpenTP1.
50	Inter-process communication error	Examine the cause of the error, take corrective action and then restart the system.
52	Swapping error	

KFCA02159-E

```
memory found insufficient while starting or terminating
checkpoint dump service.
```

S: Stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Make sure that the OS has sufficient memory resources, and then release unnecessary resources. Or, check the shared memory size specified in the definition, take corrective action and then restart.

KFCA02160-E

```
error occurred in system service call while starting or
terminating checkpoint dump service. reason code=aa...aa,
function=bb...bb
```

aa...aa: Reason code (up to 10 numerals)

The reason codes and countermeasures are listed below.

bb...bb: Function with an error

S: Stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the error and then take corrective action.

Reason code	Meaning	Countermeasure
72	Status write error	Examine the cause of the error and then take corrective action.
73	Status read error	

437

Reason code	Meaning	Countermeasure
74	Failure in analyzing the definition of the server	Check the definition file, correct settings and then restart the system.
75	The server failed upon normal or planned termination, or the server is in failure state.	Examine the cause of the error and then take corrective action.
77	Memory shortage	Check available memory size.
78	An attempt for forced termination has been made, but the server is in critical state.	Examine the cause of the error and then take corrective action.
79	Inter-process communication error	

KFCA02162-E

```
number of services exceeds the limit for checkpoint dump
service.
```

There are more than nine system servers that use checkpoint dump service.

S: Continues analyzing the definition file. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the definition file.

KFCA02163-E

```
definition file name aa...aa specified with jnldfsv -c is already
used.
```

aa...aa: Specified definition file name

S: Continues analyzing the definition file and then stops start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the definition file.

If the definition file name includes cpdx, where x is an integer, then change the name.

KFCA02164-E (E)

```
logical discrepancy found during command processing.
```

S: Stops command execution.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine and confirm checkpoint dump definitions and then re-execute the command.

KFCA02165-I (E)

```
open command processing for checkpoint dump file has normally
terminated.
```

KFCA02166-I (E)

```
close command processing for checkpoint dump file has normally
terminated.
```

KFCA02167-W (E)

```
file group specified with the command is already open.
```

S: Stops command execution.

O: Enter the jnlls command to check the file state.

KFCA02168-W (E)

```
file group specified with the command is already closed.
```

S: Stops command execution.

O: Enter the jnlls command to check the file state.

KFCA02169-E (E)

```
failure to open checkpoint dump file.
```

S: Stops command execution.

O: Enter the jnlls command to check the file state. Also, examine the cause of the failure according to the *KFCA02122-W* message output to the message log file.

KFCA02170-E (E)

```
failure to close checkpoint dump file. reason code=aa...aa
```

aa...aa: Reason code (up to 10 numerals)

S: Stops command execution.

Countermeasure: Take countermeasures according to the reason code.

Reason code	Meaning	Countermeasure
91	Error occurred on the file system.	Correct the error, referring to the following message that is output to the log file: *KFCA02123-W*
99	Close request was issued to a valid file.	Execute the jnlls command to check the file status.
100	Close request was issued to a file being input or output.	Execute the jnlls command to make sure that the latest checkpoint dump file has pointed the current (latest) journal. Then, re-execute the command.

KFCA02171-E (E)

```
cannot perform command processing because there is not enough
memory to allocate work area.
```

S: Stops command execution.

Countermeasure: Make sure that the OS has sufficient memory resources, and then release unnecessary resources. Or, check the shared memory size specified in the definition, take corrective action and then reenter the command.

KFCA02172-I (E)

```
there is no information to be displayed about checkpoint dump
file.
```

There is no information about checkpoint dump file to be displayed by the jnlls command.

S: Terminates command processing.

O: Check if the system is operating online. Or, check if there is any system service to be managed by checkpoint dump. Then reenter the command.

KFCA02173-E

```
status file error occurred during checkpoint dump processing.
reason code=aa...aa
```

aa...aa: Reason code

    The reason codes and countermeasures are listed below.

S: Stops checkpoint dump processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause of the error and then take corrective action.

Reason code	Meaning	Countermeasure
40	The key value already exists.	Check the status service the definitions or initialization.
41	I/O error	Examine the cause of the I/O error and then take corrective action.
42	The offset plus length is out of the range of allocation area.	Contact maintenance personnel.
43	Work area cannot be allocated.	Check available memory size.
44	Insufficient number of buffer areas	Check the status service definitions.
45	Records equivalent to required size cannot be allocated (insufficient status file capacity).	
46	No record corresponds to the key value.	Contact maintenance personnel.
47	Status server is not operating.	Check the execution state of the server with the command provided by OpenTP1.
48	The offset is out of the range of allocation area.	Contact maintenance personnel.
49	Incorrect parameter format	
50	Inter-process communication error	Check the execution state of the server with the command provided by OpenTP1.
51	Required size is invalid.	Contact maintenance personnel.
52	Swapping error	
53	Protocol version error	
54	The key value is already allocated with a different size.	
91	An error occurred in the file system.	Examine the cause of the error according to the *KFCA02123-W* message output to the log file, and then take corrective action.
99	A close request was issued for an available file.	Enter the jnlls command to check the state of the file.
100	A close request was issued for a file under I/O processing.	Enter the jnlls command to confirm that the newest checkpoint dump file has pointed to the current journal. Then reenter the command.

KFCA02174-E

```
contents of checkpoint dump file are invalid.
file group name=aa...aa
```

aa...aa: File group with a file whose contents are invalid

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause and then take corrective action. Possible causes are:

1. The contents of the file header are not checkpoint dump.

2. The dump for recovery in the file is invalid.

KFCA02175-E

```
server name specified in jnl_objservername of definition file
aa...aa is already specified in definition file bb...bb.
```

aa...aa: Definition file with an error (up to 63 characters)

bb...bb: Definition file in which the server name is already defined (up to 63 characters)

S: Continues analysis processing. After analysis ends, the system stops checkpoint dump start processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the duplicate server name.

KFCA02176-I

```
no checkpoint dump file is available for next acquisition.
```

O: Open a new file for the next checkpoint dump acquisition.

KFCA02177-I

```
number of checkpoint dump files is not enough for aa...aa service
recovery; opens all files.
```

aa...aa: Service name

KFCA02178-I

```
checkpoint dump validation for aa...aa service was delayed.
intervals=bb...bb
```

aa...aa: Service for which validation was delayed

bb...bb: Number of intervals to wait for validation

KFCA02179-I

```
checkpoint dump acquisition opportunities for aa...aa service were
skipped. number of skips=bb...bb, journal generation number=cc...cc
reason code=ddd-ee
```

The journal file was swapped or the number of journal blocks comprising the journal exceeded the value of the jnl_cdinterval definition clause in the system journal definition. These events are the opportunities for acquiring the check point dump. However, they were skipped because a checkpoint dump was being acquired by previous journal file swapping.

aa...aa: Service name

bb...bb: Total number of times checkpoint dump acquisition opportunities were skipped (decimal number)

cc...cc: Journal generation number for which checkpoint dump acquisition opportunities were skipped (hexadecimal number)

ddd: Reason code indicating why checkpoint dump acquisition opportunities were skipped

The following table lists the reason codes.

ee: Detail code indicating how checkpoint dump acquisition opportunities were skipped

Countermeasure: This message is output when journal file swapping is performed at short intervals or when commitment to user program transactions is late. If this message is output frequently, increase the jnl_cdinterval value in the system journal service definition, or increase journal file capacity. If the message is still output frequently, check the user program.

Output of this message does not affect online operation or restart if there are enough standby journal files provided. However, it may take a little more time to restart.

Reason code	Meaning
000	Other than checkpoint dump acquisition processing

Reason code	Meaning
A01	Validation check processing
A02	Validation processing
D01	Data I/O processing
S01	Division check processing

KFCA02180-I

`checkpoint dump service` *aa...aa* `terminated.`

aa...aa: Service name

KFCA02181-E

`cannot find checkpoint dump file for` *aa...aa* `service recovery.`

aa...aa: Service name

S: Outputs the *KFCA02102-E* message and terminates OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the contents of the error messages output before this message. Also check if the checkpoint dump file that was last time used in online mode is in current use. Then restart OpenTP1.

KFCA02182-E

`insufficient memory. size=`*aa...aa*`, area type:` *bb...bb*

aa...aa: Size that should have been allocated (up to 10 numerals)

bb...bb: Type of the area with insufficient memory (up to 15 alphanumerics)

    STATIC_SHMPOOL: Static shared memory

S: Terminates OpenTP1.

Countermeasure: Check the system definition, take corrective action and then restart OpenTP1.

KFCA02183-I

`checkpoint dump for` *aa...aa* `service is stored in` *bb...bb*`. journal info:` *cc...cc*`,` *dd...dd*`,` *ee...ee*

aa...aa: Service name (up to eight characters)

bb...bb: File group with the checkpoint dump file in which the checkpoint dump is stored (up to eight characters)

cc...cc: File group with the journal file (up to eight characters)

dd...dd: Generation number of the journal file (8-digit hexadecimal number)

ee...ee: Block number of the journal file (8-digit hexadecimal number)

KFCA02184-E (E)

```
cannot close the file group because number of file groups is
insufficient.
```

The file group cannot be closed because the number of checkpoint dump file groups would not satisfy the number of valid guarantee generations + 1.

S: Stops command execution.

O: Enter the jnlls command to check the file state.

KFCA02185-I

```
aa...aa service is recovered with checkpoint dump of file group
bb...bb.
```

aa...aa: Service name

bb...bb: File group name

KFCA02186-W

```
aa...aa service could not be recovered with effective checkpoint
dump.
```

aa...aa: Service name (up to eight characters)

S: Tries recovery from a readable checkpoint dump before valid generations.

O: Contact the OpenTP1 administrator.

Countermeasure: Examine the cause that disabled reading valid guarantee generations, and then take corrective action.

KFCA02187-I

```
number of checkpoint dump files for aa...aa service insufficient;
switches to fall-back operation.
```

aa...aa: Service name

Countermeasure: Examine the cause of the error from the message which is output immediately before this message.

KFCA02188-I

```
checkpoint dump files for aa...aa service have been allocated;
switches to normal operation.
```

aa...aa: Service name

KFCA02189-W

```
checkpoint dump service for aa...aa service is in fall-back
operation. take action immediately.
```

aa...aa: Service name

Countermeasure: Examine the cause of the error from the message which is output immediately before this message.

KFCA02190-E

```
number of ONLs specified with jnladdfg in definition file aa...aa
exceeds the maximum.
```

aa...aa: Name of the checkpoint dump service definition

S: Stops the OpenTP1 system.

O: Reduce the number of jnladdfg commands with ONLs specified in the definition file to 30 or less, then restart OpenTP1.

KFCA02191-E

```
specification of -a option specified is invalid.
```

S: Stops command execution.

O: Specify the -a option correctly then re-execute the command.

KFCA02192-W

```
physical file already allocated to file group specified by the
command.
```

S: Stops command execution.

O: Check the file group to be allocated then re-execute the command.

KFCA02193-E

specification of checkpoint dump physical file *aa...aa* is invalid.

aa...aa: Physical file name

S: Stops command processing.

O: Check the physical file name then re-execute the command.

KFCA02194-I

physical file *cc...cc* was allocated to checkpoint dump file group *bb...bb* for *aa...aa* service.

aa...aa: Service name

bb...bb: File group name

cc...cc: Physical file name

KFCA02200-E (L+E)

cannot provide transaction journal service for *aa...aa* service. reason code=*bbbb*

aa...aa: Server name (up to eight alphanumerics)

bbbb: Reason code (four numerals)

The reason codes and countermeasures are listed below.

S: Terminates OpenTP1 abnormally.

Countermeasure: Take action according to the reason code and then restart OpenTP1.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes and then restart OpenTP1. If the error recurs frequently, contact maintenance personnel.
0100	Insufficient shared memory	Estimate the shared memory and re-set the appropriate value for the shared memory size in the system environment definition. Then start OpenTP1.
1001	Status file write failure	Take action according to the previously output error message if any.

KFCA02210-E (L+E)

insufficient memory. size=*aa...aa* bytes, area type: *bb...bb*

aa...aa: Size that should have been allocated (up to 10 numerals)

bb...bb: Type of the area with insufficient memory (up to 15 alphanumerics)

    STATIC_SHMPOOL: Static shared memory

    DYNAMIC_SHMPOOL: Dynamic shared memory

    PROCESS: Process-specific memory

S: Stops processing.

Countermeasure: If the type of the area with insufficient memory is shared memory, check the value specified in the definition, take corrective action and then retry allocation. If the type is process-specific memory, check the number of processes, take corrective action and then retry allocation. If the error recurs, contact maintenance personnel.

KFCA02211-E (L+E)

bb...bb error occurred while handling *aaa* file. file name: *cc...cc*, reason code=*dddd*

aaa: Type of file

    trf: Transaction recovery journal file

    tsi: Transaction status information file (file for internal processing)

    tti: Transaction error information file (file for internal processing)

    unl: Unload journal file

bb...bb: System call with an error (open, close, write, read, stat, fcntl, lseek)

cc...cc: Full path name for the file (up to 63 characters)

dddd: Reason code (four numerals)

    The reason codes and countermeasures are listed below.

S: Cancels processing for the file.

Countermeasure: Take action according to the reason code.

Reason code	Meaning	Countermeasure
0150	Incorrect file name	Check the file name.

Reason code	Meaning	Countermeasure
0151	No authority for access to the file	Check for file access authority.
0152	File in exclusive use by another process	After the process using the file ends, reenter the command.
0153	I/O error	Take action according to the previously output error message if any.

KFCA02220-E (L+E)

```
cannot recover transaction because of journal error.
```

Transaction recovery was canceled because a journal error was detected at the complete recovery of OpenTP1. Possible journal errors are:

- Damage to the system journal file

- Attempt to completely recover OpenTP1 with an invalid system journal file

S: Terminates OpenTP1 if `stop` is specified with the `jnl_rerun_read_error_switch` operand in the system journal service definition.

Countermeasure: Examine the journal file and take corrective action. To recover the transaction, restart OpenTP1.

KFCA02221-E (L+E)

```
cannot recover transaction with transaction recovery journal
file.
```

Transaction recovery from transaction recovery journal file failed during complete system recovery.

S: Terminates OpenTP1 if `stop` is specified with the `jnl_rerun_read_error_switch` operand of the system journal service definition.

Countermeasure: Recover the system state then start OpenTP1 normally.

KFCA02222-E (L+E)

```
cannot output transaction status information necessary for aa...aa
service recovery. reason code=bbbb
```

An attempt failed to output to a file the transaction status necessary for recovery of the service.

aa...aa: Server name (up to eight alphanumerics)

bbbb: Reason code

The reason codes and countermeasures are listed below.

S: Terminates the service abnormally.

O: Take action according to the previously output error message if any. Then restart the service.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes and then restart OpenTP1. If the error recurs frequently, contact maintenance personnel.
0052	File manipulation failure	Examine the cause of the failure according to the reason code of the *KFCA02211-E* message and then take corrective action.
0056	Incorrect environmental variable	Set the correct value for the environmental variable and then retry.

KFCA02223-E (L+E)

```
cannot input transaction status information necessary for aa...aa
service recovery. reason code=bbbb
```

An attempt failed to input to a file the transaction status necessary for recovery of the service.

aa...aa: Server name (up to eight alphanumerics)

bbbb: Reason code

The reason codes and countermeasures are listed below.

S: Terminates the service abnormally.

O: Take action according to the previously output error message if any. Then restart the service.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes and then restart OpenTP1. If the error recurs frequently, contact maintenance personnel.
0052	File manipulation failure	Examine the cause of the failure according to the reason code of the *KFCA02211-E* message and then take corrective action.
0056	Incorrect environmental variable	Set the correct value for the environmental variable and then retry.

KFCA02230-W (L+E)

```
transaction error information file was created. recover
transaction recovery journal file with jnlmkrf command.
```

The creation of the transaction error information needed to recover the transaction recovery journal file was successful.

O: After this message is output, use the jnlmkfr command to recover the transaction recovery journal file.

KFCA02231-E (L+E)

```
cannot output transaction error information. reason code=aaaa
```

Output of transaction error information needed to recover the transaction recovery journal file failed.

aaaa: Reason code

> Reason codes and their corresponding countermeasures are listed below.

S: Retries creation of the transaction error information file at regular intervals.

O: Proceed as indicated in the error message output immediately before this message. If the action fails, recover the system state after the system has gone down.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes then restart OpenTP1. If this error recurs frequently, contact the maintenance personnel.
0052	File manipulation failure	Examine the cause of the failure from the reason code output with message *KFCA02211-E*, then take suitable corrective action.
0056	Invalid environmental variable	Enter a valid value for the environmental variable, then retry.

KFCA02232-E (L+E)

```
cannot input transaction error information. reason code=aaaa
```

The input of the transaction error information needed to recover the transaction recovery journal file failed.

aaaa: Reason code

> Reason codes and their corresponding countermeasures are listed below.

S: Retries creation of the transaction error information file at regular intervals.

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O: Proceed as indicated in the error message output immediately before this message. If the action fails, recover the system state after the system has gone down.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes then restart OpenTP1. If this error recurs frequently, contact the maintenance personnel.
0052	File manipulation failure	Examine the cause of the failure from the reason code output with message *KFCA02211-E*, then take suitable corrective action.
0056	Invalid environmental variable	Enter a valid value for the environmental variable, then retry.

KFCA02233-W (L+E)

```
cannot output journal to transaction recovery journal file.
reason code=aaaa
```

aaaa: Reason code

Reason codes and their corresponding countermeasures are listed below.

S: Continues processing.

O: Proceed as indicated in the error message output immediately before this message.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes then restart OpenTP1. If this error recurs frequently, contact the maintenance personnel.
0011	The maximum number of transactions was exceeded.	Check the number of transactions and the number of processes for obtaining the transaction recovery journal file and modify the definition.
0014	Definition error	When systems are exchanged, the transaction recovery journal file function cannot be used. Do not specify trf_put=Y in the user service definition or user service default definition.
0052	File manipulation failure	Examine the cause of the failure from the reason code output with message *KFCA02211-E*, then take suitable corrective action.
0056	Invalid environmental variable	Enter a valid value for the environmental variable, then retry.
0100	Insufficient tables	There is an insufficient number of tables for transaction control. Reduce the load, and then re-execute. Alternatively, increase the value of `trn_tran_process_count` in the transaction service definition, and then restart OpenTP1.

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KFCA02234-W (L+E)

```
cannot input journal from transaction recovery journal file.
reason code=aaaa
```

aaaa: Reason code

Reason codes and their corresponding countermeasures are listed below.

S: Continues processing.

O: Proceed as indicated in the error message output immediately before this message.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes then restart OpenTP1. If this error recurs frequently, contact the maintenance personnel.
0052	File manipulation failure	Examine the cause of the failure from the reason code output with message *KFCA02211-E*, then take suitable corrective action.
0056	Invalid environmental variable	Enter a valid value for the environmental variable, then retry.

KFCA02250-I (L+E)

```
now preparing for transaction journal service.
```

KFCA02251-I (L+E)

```
transaction journal service started.
```

KFCA02252-I (L+E)

```
now terminating transaction journal service.
```

KFCA02253-I (L+E)

```
transaction journal service terminated.
```

KFCA02254-E (L+E)

```
cannot start transaction journal service. reason code=aaaa
```

Transaction journal service cannot be started because an error indicated by the reason code occurred while starting the transaction journal service.

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aaaa: Reason code

The reason codes and countermeasures are listed below.

S: Terminates OpenTP1 abnormally.

Countermeasure: Take action according to the reason code and then restart OpenTP1.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes and then restart OpenTP1. If the error recurs frequently, contact maintenance personnel.
0100	Insufficient shared memory	Estimate the shared memory and re-set the appropriate value for the shared memory size in the system environment definition. Then start OpenTP1.
0200	An error occurred during start processing for definition analysis.	Take action according to the previously output error message if any.
0201	An error occurred while analyzing transaction journal service definitions	
0300	Communication error	
0301	Timeout	
0600	Failure in cataloging service information for name service	
1000	Status file read failure	
1001	Status file write failure	
1002	Status file allocation failure	

KFCA02255-E (L+E)

```
error occurred while terminating transaction journal service;
continues processing. reason code=aaaa
```

An error indicated by the reason code occurred while terminating the transaction journal service. However, termination processing continues.

aaaa: Reason code (four numerals)

The reason codes and countermeasures are listed below.

S: Terminates OpenTP1 abnormally.

Countermeasure: Take action according to the reason code to prepare for next start of OpenTP1.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes and then restart OpenTP1. If the error recurs frequently, contact maintenance personnel.
0100	Insufficient shared memory	Estimate the shared memory and re-set the appropriate value for the shared memory size in the system environment definition. Then start OpenTP1.
0601	Failure in deleting service information for name service	Take action according to the previously output error message if any.
1001	Status file write failure	
1003	Status file release failure	

KFCA02256-E (L+E)

```
cannot continue transaction journal service. reason code=aaaa
```

aaaa: Reason code (4-digit number)

S: Terminates OpenTP1 abnormally.

Countermeasure: Take action according to the reason code, then restart OpenTP1.

Reason code	Meaning	Countermeasure
2000	Checkpoint dump I/O process for transaction journal service does not exist.	Check the definitions of the checkpoint dump service and journal service, and correct the source of the error. Then restart OpenTP1.
2001	Error during reservation for checkpoint dump collection	Take action according to the previously output error message if any. Then, restart OpenTP1.
2002	Checkpoint dump read error	
2003	Checkpoint dump write error	

KFCA02270-E (E+S)

```
cannot execute aa...aa command to the transaction journal service.
reason code=bbbb
```

aa...aa: Command name. (Up to eight alphanumeric characters)

bbbb: Reason code (Four digits)

Reason codes and their corresponding countermeasures are listed below.

S: Stops command processing.

Countermeasure: Take appropriate action according to the reason code. Then, reenter the command if necessary.

Reason code	Meaning	Countermeasure
0001	Insufficient process memory	Reduce the number of processes then restart OpenTP1. If this error recurs frequently, contact the maintenance personnel.
0010	No flag argument specified	Specify a flag argument.
0050	Invalid unload journal file	Examine the cause of the failure from the reason code output with message *KFCA02280-E*, then take suitable corrective action.
0051	No transaction to be recovered by the transaction journal recovery file	--
0052	File manipulation failure	Examine the cause of the failure from the reason code output with message *KFCA02211-E*, then take suitable corrective action.
0053	Missing journal generation	Check the unload journal file name.
0054	Invalid journal block	Check that the process terminated normally when the unload journal was created.
0055	Invalid journal record	--
0056	Invalid environmental variable	Enter a valid value for the environmental variable, then retry.
0057	No unload journal file, necessary for recovery, has been specified.	Check the unload journal file name.

Legend: --: Not applicable

KFCA02280-E (E)

```
invalid input journal file. reason: aa...aa, file: bb...bb,
generation number=cc...cc (dd...dd)
```

The unload journal file specified as an input file is invalid.

aa...aa: The reasons are listed below:

> header label broken: The header label is damaged or destroyed.

> invalid kind: The file is other than the unload journal file of the system journal.

> version mismatch: The unload journal file version is not supported by FRC.

> another online journal: An unload file for the journal, obtained in another online session, exists.

> lack of journal: A journal generation is missing.

bb...bb: Unload journal file name

> If the reason is `header label broken`, "invalid kind", or "version mismatch"

>> File name of invalid unload journal file

> If the reason is `lack of journal`

>> File name of unload journal file having the smallest generation number within the journal file subsequent to the missing journal generation

> If the reason is `another online journal`

>> File name of an online unload journal file other than the unload journal file specified previously

cc...cc: Journal generation number (hexadecimal)

> If the reason is `lack of journal`

>> Smallest journal generation number of those generations subsequent to the missing journal generation

> In other cases

>> * * * * * * * * *

dd...dd: Journal generation number (hexadecimal)

> If the reason is `lack of journal`

>> Number of the missing journal generation

> In other cases

>> *********

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S: Stops processing.

O: Check that the unload journal file name has been specified correctly.

Countermeasure: Check the unload journal file name. If the file name is valid, check that the process terminated normally when the unload journal was created.

KFCA02281-E (E)

```
Invalid journal block. reason: aa...aa, block number=bb...bb
```

aa...aa: The reasons are listed below:

   block header broken: The block header is damaged or destroyed.

   invalid kind: The block is other than a data block.

   invalid block size: The block size is 0 or larger than the maximum journal block length.

   short of data: There is no journal data equivalent to the block size.

   run ID mismatch: Does not match the run ID of the journal file.

   lack of block: A journal block is missing.

   block trailer broken: The block trailer is damaged or destroyed.

   invalid generation number: The journal generation number is invalid.

bb...bb: Journal block number (hexadecimal)

   If the reason is `lack of block`

      Block number of the missing journal block

   In other cases

      Block number of the invalid journal block

S: Stops processing. If the reason is `invalid kind`, ignores the journal block and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that the process terminated normally when the unload journal was created.

KFCA02282-E (E)

```
invalid journal record. reason: aa...aa, record number=bb...bb
```

aa...aa: The reasons are listed below:

   record header broken: The record header is damaged or destroyed.

version mismatch: The record header version is not supported.

invalid record size: The record size is 0.

short of data: There is no journal data equivalent to the record size.

lack of record: A journal record is missing.

bb...bb: Record number of the journal record (hexadecimal)

If the reason is `record header broken` or `short of data`

Record number of the invalid journal record or 0

If the reason is `lack of record`

Record number of the missing journal record

In other cases

Record number of the invalid journal record

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that the process terminated normally when the unload journal was created.

KFCA02500-E (E)

```
the specified file is not backup file for DAM file.
```

The backup file specified with the damrstr command is not for a DAM file.

S: Stops command processing.

O: Specify the correct backup file and then retry.

KFCA02501-E (E)

```
DAM file block length and backup file block length do not match.
DAM file block length=aaaaa, backup file block length=bbbbb
```

The block length of the assigned DAM file does not match that of the backup file; restore processing cannot be executed.

aaaaa: DAM file block length (decimal number)

bbbbb: Backup file block length (decimal number)

S: Stops command processing.

O: Re-assign or remove the DAM file and then retry.

KFCA02502-E (E)

```
DAM file capacity insufficient. number of backup file
blocks=aa...aa, number of blocks DAM file can store=bb...bb
```

The capacity of the assigned DAM file is not enough to store all blocks of the backup file.

aa...aa: Number of backup file blocks (decimal number)

bb...bb: Number of DAM file blocks (decimal number)

S: Stops command processing.

O: Re-assign or remove the DAM file and then retry.

KFCA02503-E (E)

```
number of blocks stored in backup file is wrong. number of stored
blocks=aa...aa, number of blocks expected to be stored=bb...bb
```

The number of blocks stored in the backup file differs from that in the header of the backup file.

aa...aa: Number of stored blocks (decimal number)

bb...bb: Number of blocks stored in the header label (decimal number)

S: Stops command processing.

O: Check if the dambkup command that created the backup file terminated normally.

KFCA02504-E (E)

```
the specified catalog file is not found.
```

Since the catalog file specified for the restore destination by the command argument does not exist, restore processing is disabled.

S: Stops processing.

O: Specify the name of an existing catalog file, and then retry.

KFCA02505-E (E)

```
command argument is invalid, the specified file is catalog file.
```

Since the catalog file is specified for the restore destination of the regular physical file specified by the damrstr command, restore processing is disabled.

S: Stops processing.

O: Specify the regular physical file for the restore destination file name, and then retry.

KFCA02506-E (E)

```
command argument is invalid, the specified file is physical
file.
```

Since the regular physical file is specified for the restore destination of the catalog file specified by the damrstr command, restore processing is disabled.

S: Stops processing.

O: Specify the catalog file for the restore destination file name, and then retry.

KFCA02507-R (R)

```
backup file and multi file differ in block construct; enter "t"
to cancel or "g" to continue.
```

The block construction of the physical files differs between the multi-file for backup and the multi-file specified for the restore destination.

S: Cancels processing when t is entered.

Continues processing when g is entered.

O: Enter t to cancel processing. Enter g to continue processing.

KFCA02508-I (E)

```
usage : dambkup [-o | -d] [-c number of blocks to be handled in
a batch] {backup from backup to | -s backup from}
```

This message indicates how to use the dambkup command. It is output when the command format is invalid.

KFCA02509-I (S)

```
usage : dambkup [-o | -d] [-c number of blocks to be handled in
a batch] {backup from backup to | -s backup from}
```

This message indicates how to use the dambkup command.

KFCA02510-I

```
The specification is for a cache-less access DAM file, so this
line is ignored. definition file name: aa....aa line = bb....bb
```

The cacheless attribute is specified in the damfile command in the DAM service definition. The option specified in the line output in the message (*bb...bb*) cannot be

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used when the cacheless attribute is specified. Therefore, the system ignores the specified value and continues processing.

aa....aa: DAM service definition file name

bb....bb: Line number where the ignored value is specified

S: Continues processing.

O: Correct the `damfile` command in the DAM service definition, the definition specified in the line indicated by *bb...bb*, and the specified value.

KFCA02511-W

```
Startup processing will continue though an error was detected in
a DAM file. (DAM file with error : aa....aa maintenance information
: bb....bb)
```

An error occurs in the DAM file specified in the `damfile` command format definition. However, the system continues normal starting of the DAM service. This DAM file will be closed due to an error.

aa....aa: DAM file name

bb....bb: Maintenance information

S: Continues processing, assuming that the DAM file shown in the message is closed due to an error.

O: Use the `damrm` command to place offline the DAM file shown in the message, and then correct the cause of the error. Then, use the `damadd` command to add that DAM file to the online system.

KFCA02512-E (E)

```
The size of the backup file does not match its original size.
(backup file size = aaaaa, original size = bbbbb, file name = ccccc
```

Processing cannot continue because the backup file size specified in the `damrstr` command differs from the size used when the file was backed up by executing the `dambkup` command.

aaaaa: Size of the backup file (decimal)

bbbbb: File size used when the file was backed up (decimal)

ccccc: Specified file name

S: Terminates the command.

O: Make sure that:

- The specified backup file is the correct file.

- The `dambkup` command used for creating the backup file has terminated normally.

- When the backup file is transferred between UNIX and Windows, binary mode is used.

Countermeasure: Check the backup file operation.

KFCA02518-I(E)

```
usage: damrstr [-c number of blocks to be restored in a batch]
[-e block length to restore | -p block length to restore]
{restore from restore to | -s restore to}
```

This message indicates how to use the damrstr command. It is output when the command format is invalid.

KFCA02519-I (S)

```
usage: damrstr [-c number of blocks to be restored in a batch]
[-e block length to restore | -p block length to restore]
{restore from restore to | -s restore to}
```

This message indicates how to use the damrstr command.

KFCA02520-W

```
specified value is too small; buffer area allocated using an
assumed value. assumed value: aa...aa bytes
```

The value specified in dam_cache_size of the DAM service definition is too small to allow the execution of transactions. Therefore, the necessary area is allocated.

aa...aa: Assumed buffer area length (in bytes)

S: Continues processing.

O: Check the value specified in dam_cache_size of the DAM service definition.

KFCA02521-I

```
updates DAM file aa...aa which has not been updated.
```

aa...aa: Name of the DAM file to be updated

KFCA02522-E

```
cannot release buffer area. file name: aa...aa
```

The buffer area connected to the file indicated by the file name cannot be released.

aa...aa: File containing the buffer area which cannot be released

S: Continues processing.

O: Contact the maintenance personnel.

KFCA02523-E

```
time monitoring start processing for output-dedicated process
failed; cannot start DAM service. reason code=aa...aa
```

The DAM service cannot be started because an error report was received from the output-dedicated process when the DAM service was about to start.

aa...aa: Maintenance information

S: Stops processing.

O: Contact the maintenance personnel.

KFCA02524-E

```
DAM file with deferred update specification does not exist;
cannot register additional logical file with deferred update
specification.
```

S: Stops processing.

O: Register the additional logical file with no deferred update specification.

KFCA02525-E

```
too many transactions have yet to be committed; cannot allocate
memory necessary for recovery.
```

A buffer area (shared memory for RM) shortage occurred during DAM file recovery processing.

S: Terminates the DAM service.

O: Execute file recovery processing (damfrc) on the DAM file then start OpenTP1 normally. If this error occurs, report the details of the message to the OpenTP1 administrator.

KFCA02526-E

```
DAM file to be recovered not registered in DAM service. logical
file name: aa...aa
```

aa...aa: Name of the logical file that has not been registered

S: Continues processing.

O: Execute file recovery processing (damfrc) for the displayed DAM file. Then, use the damadd command to register the additional file while online.

KFCA02527-E

```
error occurred during recovery processing. logical file name:
aa...aa, processing details: bb...bb, reason code=cc...cc
```

An error was detected during DAM file recovery processing. Processing continues without recovering the file. This error is displayed for each block to be recovered.

aa...aa: Name of logical file where the error occurred

bb...bb: Processing for which the error occurred

cc...cc: Maintenance information

S: Continues processing.

O: Execute file recovery processing (damfrc) for the logical file where the error occurred. Then, use the damadd command to register the additional file while online. If this error occurs, report the details of the message to the OpenTP1 administrator.

KFCA02528-I

```
DAM file is directly updated because a buffer area shortage
occurred during recovery. logical file name: aa...aa
```

The DAM file is directly updated because a buffer area (shared memory for the RM) shortage occurred during DAM file recovery. This message is displayed each time the block to be updated appears. Processing continues.

aa...aa: Name of the logical file for which a buffer area shortage occurred.

KFCA02529-E

```
there is an invalid argument in the DAM service definition
command format. definition file name: aa...aa, line=bb...bb
```

aa...aa: DAM service definition file name

bb...bb: Line in which the error occurred

S: Stops processing.

O: Check the DAM service definition command format, then specify a valid argument.

KFCA02530-I

```
a buffer area was allocated with a temporary value because
specified cache buffer size is not within the specified range or
no cache buffer size is defined. temporary value: aa...aa bytes
```

Upon the allocation of cache memory, the cache memory size specified in the DAM service definition is not within the specified range, or is not specified. Therefore, a temporary value (*aa...aa*), calculated by the cache service, was allocated. However, if the allocated cache memory size is too small, a memory shortage may occur. Check the cache memory size.

aa...aa: Length of the allocated buffer area

KFCA02531-I (S)

```
backup processing terminated. node identifier=aa...aa, run
ID=bb...bb, generation number=cc...cc, number of the journal block to
be recovered=dd...dd
```

This message is usually output to the standard output. It is output to the standard error output when the -s option is specified in the dambkup command.

aa...aa: Node identifier (four characters)

bb...bb: Run ID (hexadecimal number of up to eight digits)

cc...cc: Generation number of the journal file corresponding to the backup file (hexadecimal number of up to eight digits)

dd...dd: First block number of the journal file required for recovery (hexadecimal number of up to eight digits)

KFCA02532-I (S)

```
o option was specified; however, backup processing was performed
offline because file was not in use in online status.
```

KFCA02548-I (S)

```
usage: damchinf [-c] [-i] [logical file name]
```

This message shows the correct usage of the damchinf command.

KFCA02549-I (E)

```
usage: damchinf [-c] [-i] [logical file name]
```

This message appears if the command is incorrectly specified. This message shows the

correct usage of the damchinf command.

KFCA02550-E (E)

```
cannot add multi file.
```

Multi-file cannot be added online because the use of multi-file is not defined in the DAM service definition.

S: Stops processing of the command.

O: To use the multi-file online, define 1 or greater value for dam_filenum_for_multi in the DAM service definition, and then retry.

KFCA02551-E (E)

```
cannot add multi file, number of catalog exceeds the limit.
```

Multi-file cannot be added online because the number of cataloged multi-files exceeds the limit defined in the DAM service definition.

S: Stops processing of the command.

O: Increase the number of multi-files that can be used online in dam_filenum_for_multi of the DAM service definition, and then retry.

KFCA02552-E (E)

```
invalid the executive sequence of commands.
```

S: Stops processing of the command.

O: To add the specified physical file to the logical file that specifies multi-file, enter the dammfcre command to add the file to the catalog file, and then enter the damadd command to add the file online.

KFCA02553-E

```
catalog file damaged.
```

The physical file that makes up the specified multi-file is deleted. Processing is stopped and the logical file is shut down due to error.

S: Stops processing and shuts down the logical file due to error.

O: Contact the OpenTP1 administrator.

Countermeasure: Use the damrm command to make offline the logical file that is shut down due to error, and confirm that the physical file exists. Then, delete the catalog file using the dammfdel command, and then recreate the multi-file using the dammfcre

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command.

KFCA02554-I (E)

```
usage: dammfcre [-i input file name] catalog file name physical
file name [[physical file name]...]
```

This message indicates how to use the dammfcre command. It is output when the command format is invalid.

KFCA02555-I (S)

```
usage: dammfcre [-i input file name] catalog file name physical
file name [[physical file name]...]
```

This message indicates how to use the dammfcre command.

KFCA02556-E

```
The selected logical file has a cacheless access attribute, so
processing cannot continue.
```

Since the specified logical file is registered online as a DAM file with the cacheless access attribute, the system cannot continue the processing for the applicable command.

S: Cancels command processing.

O: Take the logical file offline, register the file with an attribute other than cacheless access, and reenter the command.

KFCA02557-I (E)

```
usage: dammfls catalog file name
```

This message indicates how to use the dammfls command. It is output when the command format is invalid.

KFCA02558-I (S)

```
usage: dammfls catalog file name
```

This message indicates how to use the dammfls command.

KFCA02559-I (E)

```
usage: dammfdel [-a] catalog file name
```

This message indicates how to use the dammfdel command. It is output when the command format is invalid.

KFCA02560-I (S)

```
usage: dammfdel [-a] catalog file name
```

This message indicates how to use the dammfdel command.

KFCA02561-E (E)

```
cannot add physical file, number of physical file in multi file
exceeds the limit.
```

The number of physical files of the multi-file generic to the specified catalog file exceeds the limit. No physical file specified can be added.

S: Stops processing of the command.

O: To use the specified physical file as a multi-file, catalog it to another multi-file, or recreate the specified catalog file.

KFCA02562-I (E)

```
physical file was added. additional logical file name : aa....aa
added physical file name: bb....bb
```

A physical file is added for the logical file that specifies multi-file.

aa...aa: Name of added logical file that specifies multi-file

bb...bb: Added physical file name

KFCA02563-E (E)

```
the specified physical file is already cataloged on multi file.
```

The physical file is cataloged as a part of multi-file, and cannot be used alone.

S: Stops processing of the command.

O: Use the physical file as a multi-file.

KFCA02564-E (E)

```
block length of physical file is invalid.
```

The block length of the specified physical file differs from that of another physical file that makes up the multi-file. New multi-file cannot be created, or a physical file cannot be added to the multi-file.

S: Stops processing of the command.

O: To use a physical file as a multi-file, its block length must equal the block length of any other physical file in the multi-file. Specify the physical file with equal block length.

KFCA02565-I

```
The default value will be used because the specified maximum
block length is invalid. (default maximum block length = aa....aa
bytes)
```

The value of the `dam_max_block_size` operand of the DAM service definition does not meet the condition of (sector length x *n* - 8). As the maximum block length, the system uses the block length of a file that has the longest block among the logical files defined in the DAM service definition. However, if a logical file is not defined in the DAM service definition, the maximum block length is 504 bytes.

aa....aa: Block length used as the maximum block length (decimal number)

KFCA02566-E

```
invalid definition sequence of command format specified with DAM
service definition. Definition file name: aa...aa line=bb...bb
```

The logical file specified by the damchlmt command in the DAM service definition has not been registered.

aa...aa: Name of the DAM service definition file

bb...bb: Number of the line where the error occurred

S: Outputs the *KFCA01644-I* message and continues processing. The system does not set the limit number (threshold).

O: Specify the logical file in the damfile command in the DAM service definition, and then specify the file in the damchlmt command.

KFCA02568-I (S)

```
usage: damchdef logical file name limit number of cache block
```

This message shows the correct usage of the damchdef command.

KFCA02569-I (E)

```
usage: damchdef logical file name limit number of cache block
```

This message appears if the command is incorrectly specified. This message shows the

correct usage of the damchdef command.

KFCA02570-I (S)

```
usage: damdel physical file name
```

This message shows the correct usage of the damdel command. It is output when command format is incorrect.

KFCA02571-I (E)

```
the limit number of cache block is not an effective value.
```

The specified limit number (threshold) for the cache block count has an incorrect attribute or an invalid value is specified as the limit number.

S: Discontinues the command processing.

O: Make sure that the value specified in the command is numeric. If it is numeric, make sure that the value is within the valid range. Then, re-execute the command.

KFCA02572-I

```
limit number of DAM file cache block is set.
Logical file name: aa...aa limit number of cache block=bb...bb.
```

aa...aa: Name of the logical file in which the limit number (threshold) is set

bb...bb: Limit number that was set

KFCA02573-E

```
The transaction is executing, so the transaction cannot be
deleted.
```

S: Terminates processing.

O: Reenter the command.

KFCA02574-E(E)

```
The specified file is an online backed up file.
```

The system cannot extend the block length of a file that is backed up by the dambkup command with the -o option specified.

S: Cancels processing.

O: Back up the file without specifying the -o option in the dambkup command, and retry the restoration.

KFCA02575-E (E)

```
access to OpenTP1 file system area is not permitted.
```

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Give the access authority to the user if necessary.

KFCA02576-E (E)

```
file name is invalid.
```

The format of the specified physical file name or catalog file name is invalid or does not follow the OpenTP1 file system description format.

S: Stops command processing.

O: Specify the correct file name, and retry.

KFCA02577-E (E)

```
the same physical file already exists.
```

S: Stops command processing.

O: Change the physical file name, and retry.

KFCA02578-E (E)

```
versions of system which created OpenTP1 file system and system
for command execution do not match.
```

Versions of the system which created OpenTP1 file system and of the system for command execution do not match. (Migration is impossible between these versions.)

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Install the system to match the system versions, or re-create the OpenTP1 file system.

KFCA02579-E (E)

```
flag argument is invalid.
```

Other than numeral characters are specified, or the specified value exceeds the limit.

S: Stops command processing.

O: Specify the correct value, then retry.

KFCA02580-E (E)

```
number of arguments in this command is invalid.
```

The number of command arguments and number of option arguments specified for the dambkup, damdel, damload, dammfcre, dammfdel, or damrstr command are invalid.

S: Stops command processing.

O: Specify the correct value, and retry.

KFCA02581-E (E)

```
length of the file name exceeds the limit.
```

Specify the file name using up to 63 characters.

S: Stops command processing.

O: Specify the correct value, and retry.

KFCA02582-E (E)

```
there is not enough space in OpenTP1 file system area to allocate
this physical file. remaining free space=aa...aa bytes
```

aa...aa: Remaining free space in bytes in OpenTP1 file system area (decimal)

S: Stops command processing.

O: Reduce the amount of space to allocate. Otherwise, specify another OpenTP1 file system for allocation, and retry.

KFCA02583-I (S)

```
usage: damdel physical file name
```

This message shows the correct usage of the damdel command.

KFCA02584-E (E)

```
the specified file not found.
```

S: Stops command processing.

O: Specify the correct file name, and retry.

KFCA02585-E (E)

```
access to this file is not permitted.
```

S: Stops command processing.

O: Obtain access authority from the OpenTP1 administrator, and retry.

Countermeasure: Check the access permission for the specified file, and then retry.

KFCA02586-E (E)

```
process-specific area found insufficient during aa...aa
processing.
```

aa...aa: Execution state

OPEN: Open processing

FSTAT: File information collection processing

STATFS: File system information collection processing

BUFFER/HBUFF1/HBUFF2/IOBUFF: Reserving buffer

DELETE: Delete processing

CREATE: Physical file allocation processing

READ: Input processing

S: Stops command processing.

O: Reduce the number of processes being executed, and retry.

KFCA02587-E (E)

```
unrecoverable error occurred during aa...aa processing. reason
code=bb...bb
```

aa...aa: Processing during which an error occurred.

OPEN: Open processing

FSTAT: File information obtaining processing

STATFS: File system information collection processing

READ/UREAD: Input processing

RSEEK: Positioning processing

CLOSE: Close processing

PUT/WRITE: Output processing

DELETE: Delete processing

CREATE: Physical file allocation processing

MLF_CREATE: Catalog file allocation processing

MLF_GET: Catalog file information collection processing

UNMULTI: Catalog file deletion processing

bb...bb: Abnormal processing code

S: Stops command processing.

O: Contact the maintenance personnel.

Countermeasure: Investigate the command usage and execution environment.

KFCA02588-E (E)

```
I/O error occurred during aa...aa processing.
```

aa...aa: Processing during which an error occurred.

OPEN: Open processing

FSTAT: File information collection processing

STATFS: File system information collection processing

DELETE: Delete processing

CREATE: Physical file allocation processing

READ: Input processing

PUT/WRITE: Output processing

MLF_CREATE: Catalog file allocation processing

MLF_GET: Catalog file information collection processing

UNMULTI: Catalog file deletion processing

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the failure and retry.

KFCA02589-E (E)

```
the specified file is not a DAM file.
```

S: Stops command processing.

O: Specify the correct physical file, and retry.

KFCA02590-E (E)

```
cannot use file because of being used by other process.
```

S: Stops command processing.

O: Change the file name specified or wait until the other process using the file terminates, and then retry.

KFCA02591-I (S)

```
usage: damload [-b number of blocks to be collectively updated]
block length block count physical file name [input file name]
```

This message shows the correct usage of the damload command.

KFCA02592-I (S)

```
usage: damload [-b number of blocks to be collectively updated]
block length block count physical file name [input file name]
```

This message shows the correct usage of the damload command. It is output when command format is invalid.

KFCA02593-E (E)

```
block length is invalid.
```

S: Stops command processing.

O: Specify the correct value, and retry.

KFCA02594-E (E)

```
block count is invalid.
```

S: Stops command processing.

O: Specify the correct value, and retry.

KFCA02595-E (E)

```
the specified file name is not an OpenTP1 file path name.
```

A file name must be identical with an OpenTP1 file path name.

S: Stops command processing.

O: Specify the OpenTP1 file path name for a file name, and retry.

KFCA02596-E (E)

```
the area to allocate this physical file is not initialized as
OpenTP1 file system area.
```

S: Stops command processing.

O: Use the filmkfs command to initialize the area as OpenTP1 file system area, and retry.

KFCA02597-E (E)

```
number of physical files has exceeded the limit specified at
OpenTP1 file system initialization. number of allocable
files=aa...aa
```

aa...aa: Number of allocable files (Decimal)

S: Stops command processing.

O: Initialize a new OpenTP1 file system, and retry.

KFCA02598-E (E)

```
system reported an error that the size of open OpenTP1 file
system area exceeded the limit.
```

S: Stops command processing.

O: Re-set the OS environment or close the unused OpenTP1 file system area, and then retry.

KFCA02599-W (E)

```
terminates creation with some input data remaining unsent
because destination DAM file becomes full.
```

S: Stops command processing.

O: If the remaining data must be entered, delete the DAM file using the damdel command. Then, increase the block count specified for the damload command, and retry.

KFCA02600-E (E)

```
error (aa...aa) occurred while accessing unload journal file bb...bb;
aborts processing.
```

aa...aa: System call name

alloc error: An error occurred during preparation for opening the unload journal file.

open error: Specification of unload journal file name is invalid. An error occurred while opening the unload journal file.

read error: An error occurred while reading the unload journal file.

write error: An error occurred while writing the unload journal file.

close error: An error occurred at the time of closing of the unload journal file.

bb...bb: File name

The case of MT input or output is shown below.

mtin: MT input

mtout: MT output

Indicates standard input or output.

stdin: Standard input

stdout: Standard output

S: Aborts processing.

O: Check the unload journal file name input. If it is correct, contact the OpenTP1 administrator.

Countermeasure: Check that the unload journal file name and unload journal file are correct.

KFCA02601-E (E)

```
unload journal file is invalid; aborts processing.
error=aa...aa, file=bb...bb
```

aa...aa: Any of the following is output as the cause of error detected.

invalid kind: Not an unload journal file

version mismatch: Unload journal file version is not the object of processing.

run ID mismatch: Journal files of different run IDs exist.

lack of generation number: The journal generation is missing. Or the generation of the first file is other than 1.

lack of block number: The block number of the first file is other than 1 (This appears only for the jnlcolc command).

lack of record number: The record number of the first file is other than 1 (This appears only for the jnlcolc command).

partial journal file: The unload journal file was acquired by the partial unload function. (This information is output only when the -e option is specified in the jnlcolc and jnlrput commands.)

bb...bb: Name of invalid unload journal file.

mtin: MT input

stdin: standard input

S: Aborts processing.

O: Make sure that:

- The unload journal file name is correct.

- A file that was acquired by the partial unload function is not specified when the -e option is specified in the jnlcolc and jnlrput commands.

If you do not find any errors, contact the OpenTP1 system administrator.

Countermeasure: Check that the unload journal file name and unload journal file are correct.

KFCA02602-E (E)

```
journal block is invalid; aborts processing. error=aa...aa,
file=bb...bb, block number=cc...cc
```

aa...aa: Any of the following is output as the cause of error detected.

block header broken: The block header is broken.

run ID mismatch: Run IDs do not match.

generation number mismatch: Journal generation numbers do not match.

lack of block number: Block number is missing or inconsistent in the block header or trailer.

invalid block size: Block size is zero, or larger than the maximum block length.

block trailer broken: The block trailer is broken.

bb...bb: File name of invalid unload journal file

mtin: MT input

stdin: Standard input

cc...cc: If the content is one of the following, the invalid block number as an eight digit hexadecimal. If not, ******** is shown.

run ID mismatch

generation number mismatch

lack of number

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that the unload journal file is correct.

KFCA02603-E (E)

```
journal record is invalid; aborts processing. error=aa...aa,
file=bb...bb, record number=cc...cc
```

aa...aa: Any of the following is output as the cause of error detected.

record header broken: The record header is broken.

run ID mismatch: The run ID does not match the management information.

generation number mismatch: The journal generation number does not match the management information.

lack of record number: The record number is either missing or inconsistent.

invalid record size: The record size is either zero or not greater than the record header length.

bb...bb: File name of invalid unload journal file

mtin: MT input

stdin: Standard input

cc...cc: If the content is one of the following, the invalid block number appears hexadecimally in eight digits. If not, ******** is shown.

run ID mismatch

generation number mismatch

lack of number

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that the unload journal file is correct.

KFCA02604-E (E)

```
cannot allocate memory; aborts processing.
```

S: Aborts processing.

O: Check the system operation condition, and reenter the command.

KFCA02605-E (E)

```
error (aa...aa) occurred while accessing inherited file bb...bb;
aborts processing.
```

aa...aa: System call name is output.

open error: An error occurred while opening the inherited file. Invalid key is specified for the inherited file.

read error: An error occurred while reading the inherited file.

write error: An error occurred while writing the inherited file.

close error: An error occurred while closing the inherited file.

link error: An error occurred while linking the inherited file.

unlink error: An error occurred while unlinking the inherited file.

bb...bb: File name is output. File name must be `jnlcolc***`. The key specified in -c option must be set for `***`.

S: Aborts processing.

O: Check that the correct key is input for the inherited file. If it is correct, contact the OpenTP1 administrator.

Countermeasure: Check that the inherited file and its key are correct.

KFCA02606-E (E)

```
inherited file is invalid; aborts processing. error=aa...aa,
file=bb...bb
```

aa...aa: Any of the following is output as the cause of error.

tkov invalid kind: Not an inherited file

tkov version mismatch: Inherited file version is not the object of processing.

tkov recovery kind mismatch: Recovery types are different.

bb...bb: Name of the invalid inherited file is output. File name must be `jnlcolc***`. The key specified in -c option must be set for `***`.

S: Aborts processing.

O: Check that the correct key is input for the inherited file. If it is correct, contact the OpenTP1 administrator.

Countermeasure: Check that the inherited file and its key are correct.

> The `tamfrc` command, `damfrc` command, and `mqafrc` command use the `jnlcolc` command internally. To execute these commands at the same time or in succession, you must specify the `-k` option for each command.

> Make sure that the `-k` option is specified for each command.

> If the `-k` option is specified, check the specified key.

KFCA02607-E (E)

```
inherited file and unload journal file do not match; aborts
processing. error=aa...aa
```

aa...aa: Any of the following is output as the cause of error.

> lack of generation number: Generation numbers are not consecutive.

> lack of block number: Block numbers are not consecutive.

> lack of record number: Record numbers are not consecutive.

> run ID mismatch: Run IDs do not match.

> max block size mismatch: Max. block length values do not match.

S: Aborts processing.

O: Check the following:

- Key input for the inherited file
- Unload journal file name

  If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the inherited file key value, inherited file, unload journal file name, and unload journal file are correct.

KFCA02608-E

```
error occurred while accessing online backup information file;
aborts processing. error: aa...aa, file name=bb...bb
```

aa...aa: System call name

open error: The specified online backup information file name is invalid.

An error occurred when the online backup information file was opened.

read error: An error occurred while the online backup information file was being read.

bb...bb: Online backup information file name

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Make sure that the online backup information file and its name are correct.

KFCA02609-E

```
block required to recover online backup file does not exist;
aborts processing.
```

S: Aborts processing.

O: Confirm the following: all generation numbers and all unload journal files subsequent to the block that were issued upon the completion of online backup processing.

Countermeasure: Check that the parameters specified with the jnlcolc command are valid.

KFCA02620-W (E)

```
no records found to meet the condition; aborts processing.
```

No record for copy is found that meets the condition specified in the input command parameter.

This message is output for any of the following:

- Start time > last time within the file
- Last time < first time within the file
- Specified journal record type does not exist.

S: Aborts processing.

O: Check the copy range specified by the input parameters (specifications of the `-t` and `-j` options). If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the command parameter specifications are correct.

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KFCA02621-W (E)

```
no records found to be output for file recovery.
```

S: Terminates processing.

Countermeasure: If nothing is specified for -l option (last unload journal file), the record for file recovery may be output to the inherited file. Be sure to specify the inherited file at the next integration.

KFCA02622-W (E)

```
no record found to be output.
```

There are no records that satisfy the conditions specified in the command input parameters.

This message is output upon the occurrence of any one of the following:

- The specified journal record type does not exist.

- The start record time in a file is later than the record end record time.

- The end record time in a file is earlier than the first record time.

- There is no record for the specified transaction ID.

- There is no record in the specified journal acquisition mode.

S: Aborts processing.

O: Check that no input error occurs in the input parameter output range (specified with the -t option).

If the input is correct, contact the OpenTP1 administrator.

Countermeasure: Check that all specified command parameters are valid.

When specifying the -e option (extract committed UJ) without the -l option (extract committed UJ from the final file), the output records may be sent to the inheritance file. In this case, be sure to specify the inheritance file at the next command execution.

KFCA02630-I (E)

```
usage: jnlcopy [-h] [-t[start][,end]] [-j record kind[...]] [-o
journal acquisition mode[...]] [file name [...]]
```

This message shows the correct usage of the jnlcopy command. It is output when -h option is specified.

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KFCA02631-E (E)

```
jnlcopy command parameter is invalid or number of parameters
exceeds the limit; aborts processing.
```

Invalid parameter is specified for the jnlcopy command, or the number of parameters and the total argument length exceed the limit. This message is output for any of the following:

1. Invalid option is specified.

2. Key is not specified for the option with key.

3. Specification exceeds the limit of parameter.

S: Aborts processing.

O: Check the input parameters of the jnlcopy command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that jnlcopy command parameters are correct.

KFCA02632-E (E)

```
invalid combination of options in jnlcopy command; aborts
processing.
```

S: Aborts processing.

O: Check the input parameters of the jnlcopy command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that jnlcopy command parameters are correct.

KFCA02633-E (E)

```
aa option of jnlcopy command is invalid; aborts processing.
```

aa: Invalid option name

S: Aborts processing.

O: Check the input parameters of the jnlcopy command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnlcopy command parameters are correct.

KFCA02634-E (E)

```
file name of jnlcopy command is invalid; aborts processing.
```

S: Aborts processing.

O: Check that the file name and the number of file names specified in the `jnlcopy` command are correct. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnlcopy command parameters are correct.

KFCA02640-I (E)

```
usage: jnledit [-h] [-e edit type] [-t [start][,end]] [-j record
kind[...]] [-s server name] [-v service name] [-u transaction
global ID[,transaction branch ID]] [-o journal acquisition
mode[...]] [-m logical entity terminal name[,logical entity
terminal name[...]]] [-w columns] [-l lines] [-c] [file name
[...]]
```

This message shows the correct usage of the jnledit command. It is output when -h option is specified.

KFCA02641-E (E)

```
jnledit command parameter is invalid or number of parameters
exceeds the limit; aborts processing.
```

Invalid parameter is specified for the jnledit command, or the number of parameters and the total argument length exceed the limit. This message is output for any of the following:

1. Invalid option is specified.

2. Key is not specified for the option with key.

3. Specification exceeds the limit of parameter.

S: Aborts processing.

O: Check the input parameters of the jnledit command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnledit command parameters are correct.

KFCA02642-E (E)

```
invalid combination of options in jnledit command; aborts
processing.
```

S: Aborts processing.

O: Check the input parameters of the jnledit command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnledit command parameters are correct.

KFCA02643-E (E)

aa `option of jnledit command is invalid; aborts processing.`

aa: Invalid option name

S: Aborts processing.

O: Check the input parameters of the jnledit command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnledit command parameters are correct.

KFCA02644-E (E)

`file name of jnledit command is invalid; aborts processing.`

File name specified for the jnledit command is invalid, or the number of files specified is invalid.

S: Aborts processing.

O: Check the input parameters of the jnledit command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnledit command parameters are correct.

KFCA02650-I (E)

`usage: jnlcolc [-h] -k line type [-f] [-l] [-n] [-m] [-i backup information in on-line status] [-c key] [file name [...]]`

This message shows the correct usage of the jnlcolc command. It is output when -h option is specified.

KFCA02651-E (E)

`jnlcolc command parameter is invalid or number of parameters exceeds the limit; aborts processing.`

Invalid parameter is specified for the jnlcolc command, or the number of parameters and total argument length exceed the limit. This message is output for any of the following:

- Invalid option is specified.

- Key is not specified for the option with key.

- Specification exceeds the limit of parameter.

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S: Aborts processing.

O: Check the input parameters of the jnlcolc command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnlcolc command parameters are correct.

KFCA02652-E (E)

```
invalid combination of options in jnlcolc command; aborts
processing.
```

S: Aborts processing.

O: Check the input parameters of the jnlcolc command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnlcolc command parameters are correct.

KFCA02653-E (E)

aa `option of jnlcolc command is invalid; aborts processing.`

aa: Invalid option specified

S: Aborts processing.

O: Check the input parameters of the jnlcolc command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnlcolc command parameters are correct.

KFCA02654-E (E)

```
file name of jnlcolc command is invalid; aborts processing.
```

S: Aborts processing.

O: Check that the file names and the number of file names specified in the `jnlcolc` command are correct. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnlcolc command parameters are correct.

KFCA02655-E (E)

```
jnlcolc command detected inconsistency of pre- and post-update
information; aborts processing. file name=aa...aa,
block number=bb...bb, DAM logical file name=cc...cc, DAM relative
block number=dd...dd
```

aa...aa: Unload journal file name

bb...bb: Block number of the unload journal file (Eight hexadecimal numbers)

cc...cc: Name of the dam logical file in which inconsistency is detected

dd...dd: Relative block number of the dam logical file in which inconsistency is detected (Eight hexadecimal numbers)

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that the unload journal file is correct.

KFCA02657-E (E)

```
-k option is not specified in jnlcolc command; aborts
processing.
```

S: Aborts processing.

O: Check the input parameters of the jnlcolc command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the specification of jnlcolc command parameter is correct.

KFCA02658-E (E)

```
jnlcolc command detected invalid records for file recovery;
aborts processing. file name=aa...aa, record number=bb...bb
```

The jnlcolc command detected invalid occurrence sequence of records (fj, cj, hj, pj, dj, and bj) for file recovery, or invalid record format specified for recovery.

aa...aa: Unload journal file name

bb...bb: Record number of unload journal file (Eight hexadecimal numbers)

S: Aborts processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that the unload journal file is correct.

KFCA02660-I (E)

```
usage: jnlstts [-h] [-e edit item] [-u units of edit] [-l lines]
[-c] [-i time interval] [-t[start][,end]] [-s server
name|service name] [file name]
```

This message shows the correct usage of the jnlstts command. It is output when -h option is specified.

KFCA02661-E (E)

```
jnlcolc command parameter is invalid or number of parameters
exceeds the limit; aborts processing.
```

Invalid parameter is specified for the jnlstts command, or the number of parameters and total argument length exceed the limit. This message is output for any of the following:

1.   Invalid option is specified.

2.   Key is not specified for the option with key.

3.   Specified parameter exceeds the limit.

S: Aborts processing.

O: Check the input parameters of the jnlstts command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnlstts command parameters are correct.

KFCA02662-E (E)

```
jinvalid combination of options in jnlstts command; aborts
processing.
```

S: Aborts processing.

O: Check the input parameters of the jnlstts command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnlstts command parameters are correct.

KFCA02663-E (E)

```
aa option of jnlstts command is invalid; aborts processing.
```

aa: Invalid option specified

S: Aborts processing.

O: Check the input parameters of the jnlstts command. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnlstts command parameters are correct.

KFCA02664-E (E)

```
file name of jnlstts command is invalid; aborts processing.
```

S: Aborts processing.

O: Check that the file names and the number of file names specified in the `jnlstts` command are correct. If they are correct, contact the OpenTP1 administrator.

Countermeasure: Check that the jnlstts command parameters are correct.

KFCA02665-E (E)

```
statistical information cannot be output because the specified
value for the -l option of the jnlstts command is too
small;\nprocessing will now stop.
```

S: Aborts processing.

O: Increase the value of the `-l` option in the `jnlstts` command, and then re-execute the command.

KFCA02670-I (E)

```
usage: jnlmcst [-h] [-e edit type] [-l lines] [-i time interval]
[-t[start][,end]] [-m logical entity terminal name] [-a
application program name] [-o journal acquisition mode[...]]
[file name]
```

This message indicates the jnlmcst specification format.

KFCA02671-E (E)

```
jnlmcst command parameter is invalid or number of parameters
exceeds the limit; aborts processing.
```

The parameter specified with the jnlmcst command is invalid. Alternatively, the number of parameters and the total argument length exceed the limit. This message is issued upon the occurrence of any one of the following:

- An invalid option was specified.
- No key is specified for an option requiring a key.
- The specification exceeds the limits for that parameter.

S: Aborts processing.

O: Check the input parameters specified with the jnlmcst commands. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with the jnlmcst command are valid.

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KFCA02672-E (E)

```
invalid combination of options in jnlmcst command; aborts
processing.
```

S: Aborts processing.

O: Check the input parameters specified with the jnlmcst command. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with jnlmcst command are valid.

KFCA02673-E (E)

aa `option of jnlmcst command is invalid; aborts processing.`

aa: Name of the incorrectly specified option

S: Aborts processing.

O: Check that the input parameters specified with the jnlmcst command are valid. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with the jnlmcst command are valid.

KFCA02674-E (E)

```
file name of jnlmcst command is invalid; aborts processing.
```

A file name specified with the jnlmcst command is invalid, or the number of files specified with this command is invalid.

S: Aborts processing.

O: Check that the file names and the number of file names specified in the jnlmcst command are correct. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with the jnlmcst command are valid.

KFCA02680-I (E)

```
usage: jnlrput [-h] [-t [start time][,end time]] [-e] [-f] [-l]
[-c key] [-u transaction global ID[,transaction branch ID]] [-o
journal acquisition mode[...]] [-j record kind[...]] [-q _trn]
[-q _rpc] [-d random sampling terms] [-x] [file name [...]]
```

This message indicates the jnlrput specification format.

KFCA02681-E (E)

```
jnlrput command parameter is invalid or number of parameters
exceeds the limit; aborts processing.
```

A parameter specified with the jnlrput command is invalid. Alternatively, the number of parameters and the total argument length exceed the limit. This message is output upon the occurrence of any one of the following:

- An invalid option was specified.

- No key is specified for an option requiring a key.

- The specification exceeds the limits for the parameter.

S: Aborts processing.

O: Check the input parameters specified with the jnlrput command. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with the jnlrput command are valid.

KFCA02682-E (E)

```
invalid combination of jnlrput command options; aborts
processing.
```

S: Aborts processing.

O: Check the input parameters specified with the jnlrput command. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with the jnlrput command parameters are valid.

KFCA02683-E (E)

```
aa option of jnlrput command is invalid; aborts processing.
```

aa: Name of the incorrectly specified option

S: Aborts processing.

O: Check the input parameters specified with the jnlrput command. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with the jnlrput command are valid.

KFCA02684-E (E)

```
file name of jnlrput command is invalid; aborts processing.
```

A file name specified with the jnlrput command, or the number of file names specified in it, is invalid.

S: Aborts processing.

O: Check the input parameters specified with the jnlrput command. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with the jnlrput command are valid.

KFCA02685-E (E)

```
records to be extracted are invalid. cancels jnlrput command
processing. file name=aa...aa, record number=bb...bb
```

An appearance sequence error was detected on the records to be extracted by the jnlrput command (uj, hj, pj, dj, and bj). Or, a format error was detected on the records to be recovered.

aa...aa: Unload journal file name

bb...bb: Record number in the unload journal file (8 hexadecimal numbers)

S: Cancels processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check if the unload journal file is correct.

KFCA02690-I (E)

```
usage: jnlsort [-h] [-n node identifier] [-g] [-i [start journal
server run ID][,end journal server run ID]] [file name [...]]
```

This message indicates the jnlsort specification format.

KFCA02691-E (E)

```
the jnlsort command parameter is invalid or number of parameters
exceeds the limit; aborts processing
```

A parameter specified with the jnlsort command is invalid, or the number of parameters and the total argument length exceed the limit. This message is output upon the occurrence of any one of the following:

- An invalid option was specified.

- No key is specified for an option requiring a key.

- The specification exceeds the limits for the parameter.

S: Aborts processing.

O: Check the input parameters specified with the jnlsort command. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with the jnlsort command are valid.

KFCA02692-E (E)

```
invalid combination of options in jnlsort command; aborts
processing.
```

S: Aborts processing.

O: Check the input parameters specified with the jnlsort command. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with the jnlsort command are valid.

KFCA02693-E (E)

```
aa option of jnlsort command is invalid; aborts processing.
```

aa: Name of the incorrectly specified option

S: Aborts processing.

O: Check the input parameters specified with the jnlsort command. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the parameters specified with the jnlsort command are valid.

KFCA02694-E (E)

```
file name of jnlsort command is invalid; aborts processing.
```

A file name specified with the jnlsort command is invalid.

S: Aborts processing.

O: Check that the file names and the number of file names specified in the jnlsort command are correct. If they are satisfactory, contact the OpenTP1 administrator.

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Countermeasure: Make sure that the input parameters in the `jnlsort` command are specified correctly.

KFCA02695-E (E)

`access error occurred in the work file used by the jnlsort command; aborts processing.`

Any one of the following errors occurred in the work file used by the jnlsort command: open error, close error, read error, or write error.

S: Aborts processing.

O: Re-execute the jnlsort command. If the error recurs upon reexecution, contact the OpenTP1 administrator.

Countermeasure: Make sure that there is write permission for the current directory. Also make sure that the current directory has sufficient disk space.

KFCA02696-E (E)

`no blocks found to be sorted.`

S: Aborts processing.

O: Check that the input parameters (-n and -i option values) are valid. If they are satisfactory, contact the OpenTP1 administrator.

Countermeasure: Check that the command parameters are valid.

KFCA02702-E (E)

`command specification is invalid.`

S: Suspends processing after the message that shows the command usage is output.

O: Check the command specification for error.

KFCA02703-E (E)

`contents of definition file to be recovered is invalid. error:` *aa...aa*`, line number=`*bb...bb*`, definition:` *cc...cc*

aa...aa: Either of the following is output as the cause of error.

`invalid format`: Format is invalid.

`no data`: DAM file definition is not found.

bb...bb: Invalid line number (decimal). For `no data` error, `0` is output.

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cc...cc: Contents of invalid line. For `no data` error, `**********` is output.

S: Suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the contents of the definition file to be recovered, then retry the damfrc command.

KFCA02704-E (E)

`interface error occurred. reason code=`*aa...aa*

Interface is invalid between the functions in the program.

aa...aa: Reason code (decimal)

S: Obtains the core file and suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA02705-E (E)

`file path name is invalid. file type:` *aa...aa*`, file name:` *bb...bb*

aa...aa: Any of the following is output as the type of file.

   `recovery definition file`: Definition file to be recovered

   `unload journal file`: Unload journal file

   `take over file`: Inherited file at journal extraction

bb...bb: File name

S: Suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the following:

1. For file type `recovery definition file`, check that the correct path name is specified in the damfrc command for the definition file to be recovered.

2. For file type `unload journal file`, check that the correct path name is specified for the unload journal file in the damfrc command.

3. For file type `take over file`, check that there is no specification missing in -s option in the damfrc command.

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KFCA02706-E (E)

cannot open file. file type: *aa...aa*, file name: *bb...bb*

aa...aa: Any of the following is output as the type of file.

recovery definition file: Definition file to be recovered

unload journal file: Unload journal file

take over file: Inherited file at journal extraction

bb...bb: File name

S: Obtains the core file and suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the cause of the error according to the preceding error message output for the open system call.

KFCA02707-E (E)

cannot close file. file type: *aa...aa*, file name: *bb...bb*

aa...aa: Any of the following is output as the type of file.

recovery definition file: Definition file to be recovered

unload journal file: Unload journal file

take over file: Inherited file at journal extraction

bb...bb: File name

S: Obtains the core file and suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the cause of the error according to the preceding error message output for the close system call. However, if the file type is recovery definition file, the preceding error message is not output for the close system call. Contact maintenance personnel.

KFCA02708-E (E)

cannot input from file. file type: *aa...aa*, file name: *bb...bb*

aa...aa: Any of the following is output as the type of file.

standard input file: Standard input file

recovery definition file: Definition file to be recovered

`unload journal file`: Unload journal file

`take over file`: Inherited file at journal extraction

bb...bb: File name

`**********` is output for file type `standard input file`.

S: Obtains the core file and suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the cause of the error according to the preceding error message output for the read system call. However, if the file type is `recovery definition file`, the preceding error message is not output for the read system call. Contact maintenance personnel.

KFCA02709-E (E)

`access to DAM file` *aa...aa* `is not permitted.`

aa...aa: Physical file name of the DAM file

S: Suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Change the access authority for the DAM file. Otherwise, execute the damfrc command using the effective user ID and group ID that have access to files.

KFCA02710-E (E)

`path name of DAM file` *aa...aa* `is invalid.`

aa...aa: Physical file name of the DAM file

S: Suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the physical file name specified in the definition file to be recovered.

KFCA02711-E (E)

`disk partition to allocate DAM file` *aa...aa* `is not initialized as OpenTP1 file system.`

aa...aa: Physical file name of the DAM file

S: Suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Initialize the disk partition as OpenTP1 file system to allocate the DAM file. Otherwise, change the physical file name in the definition file to be recovered to allocate it on the disk partition initialized as OpenTP1 file system.

KFCA02712-E (E)

cannot open DAM file *aa...aa* because of *bb...bb*.

aa...aa: Physical file name of the DAM file

bb...bb: Reason code (troubleshooting information in decimal)

S: Obtains the core file and suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the DAM file failure, and retry.

KFCA02713-E (E)

cannot close DAM file *aa...aa* because of *bb...bb*.

aa...aa: Physical file name of the DAM file

bb...bb: Reason code (troubleshooting information in decimal)

S: Obtains the core file and suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the DAM file failure, then retry.

KFCA02714-E (E)

cannot input from DAM file *aa...aa*. block number=*bb...bb*, reason code=*cc...cc*

aa...aa: Physical file name of the DAM file

bb...bb: Relative block number of the file where an error occurred. (decimal) For header label input error, -1 is output.

cc...cc: Reason code (troubleshooting information in decimal)

S: Obtains the core file and suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the DAM file failure, and retry.

KFCA02715-E (E)

cannot output to DAM file *aa...aa*. block number=*bb...bb*, reason code=*cc...cc*

aa...aa: Physical file name of the DAM file

bb...bb: Relative block number of the file where an error occurred. (decimal) For header label input error, -1 is output.

cc...cc: Reason code (troubleshooting information in decimal)

S: Obtains the core file and suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the DAM file failure, and retry.

KFCA02716-E (E)

cannot refer to the status of DAM file *aa...aa* because of *bb...bb*.

aa...aa: Physical file name of the DAM file

bb...bb: Reason code (troubleshooting information in decimal)

S: Obtains the core file and suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the DAM file failure, and retry.

KFCA02717-E (E)

journal record error: *aa...aa*, record number=*bb...bb*

aa...aa: Any of the following is output as the cause of error.

record header broken: Record header is broken.

version mismatch: Record header version is not the object of processing.

invalid record size: Record size is zero.

short of data: Probable causes are:

Journal data length is shorter than the record size.

The specified journal file is invalid.

The jnlcolc command failed.

lack of record: Journal record is missing.

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`invalid record order`: Journal record is obtained in invalid order.

bb...bb: Journal record number (hexadecimal)

1. For `record header broken` or `short of data` error: Record number of the invalid journal record, or zero

2. For `lack of record` error: Record number of the missing journal record

3. For other errors: Record number of the invalid journal record

S: Suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that the process which created the unload journal is terminated normally.

KFCA02718-E (E)

`DAM file error:` *aa...aa*`, file name:` *bb...bb*

aa...aa: Any of the following is output as the cause of the error.

other using: The file is being used online or by another batch.

invalid kind: Not a DAM file.

version mismatch: Versions of DAM file and of FRC do not match.

multi used: Being used by the multi-file

bb...bb: Physical file name of the DAM file

S: Suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the physical file name specified in the definition file to be recovered.

KFCA02719-E (E)

`DAM file update information error:` *aa...aa*`, record number=`*bb...bb*

aa...aa: Any of the following is output as the cause of error.

`invalid data`: Update information contains an error.

`invalid block number`: The block for the block number of the update information is not found.

`invalid block size`: Block size of the update information does not match that of the recovery destination DAM file.

bb...bb: Record number of the journal record that contains invalid update information. (Hexadecimal)

S: Suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure

> For `invalid data` error:
>
>> Check that the process which created the unload journal is terminated normally.
>
> For `invalid block number` or `invalid block size` error:
>
>> Check the block count and block length for the physical file specified for the recovery destination.

KFCA02720-E (E)

```
access to this file is not permitted. file type: aa...aa, file
name: bb...bb
```

aa...aa: Any of the following is output as the type of file.

> recovery definition file: Definition file to be recovered
>
> unload journal file: Unload journal file
>
> take over file: Inherited file at journal extraction

bb...bb: File name

S: Suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Change the access authority for the DAM file. Otherwise, execute the damfrc command using the effective user ID and group ID that have access to files.

KFCA02721-E (E)

```
contents of definition file is invalid.
```

This message is output upon the occurrence of any of the following:

- There is no definition file to be recovered or the file is empty.

S: Stops recovery.

O: Create the definition file to be recovered.

KFCA02722-E (S)

```
cannot execute recovery processing.
```

Probable causes are:

1. The user does not have access permissions for the physical files.

2. An intermediate file cannot be created in the directory for which the recovery process is being executed.

3. The process-specific memory cannot be allocated.

S: Stops the recovery.

O: Take corrective action based on the cause of the error.

1. Grant read permission (User) on the physical files.

2. Grant write permission (User and group) on the current directory.

3. Stops other running processes, and then increase the amount of free memory.

KFCA02723-E (S)

```
internal inconsistency was detected during recovery processing.
```

This message is output upon the detection of a recovery process error.

S: Stops the recovery.

O: Contact the OpenTP1 administrator.

Countermeasure: Back up the following files:

- Definition file to be recovered

- Physical files specified by the definition file to be recovered.

KFCA02724-E (S)

```
command argument is invalid.
```

This message is output when an argument specified with the damfrc command is invalid.

S: Stops processing of the command.

O: Specify the argument correctly according to the usage, then reenter the damfrc command.

KFCA02725-I (S)

```
usage: damfrc [-hsegnm] [-k key] [-c] recovery definition file
name journal file name [journal file name ...]
```

This message is output upon the occurrence of any one of the following:

- The argument specified with the damfrc command is invalid.

- -h was specified for a damfrc command option.

S:

1. Stops processing of the command.

2. Displays the usage.

O: Specify the argument correctly according to the usage, then reenter the damfrc command.

KFCA02726-E (S)

```
it is invalid line in definition file. line=aa...aa
```

This message is output when an invalid line is found in the definition file to be recovered. Possible causes for this error are as listed below.

1. The logical or physical file name is too long.

2. Only a logical or physical file name is defined in a single line.

3. A logical or physical file name is duplicated.

4. A physical file must be obtained by restoring a file subject to online backup or backed up in the offline status.

aa...aa: Error line (decimal)

S: Stops the recovery.

O: Check the definition file to be recovered for the items listed above:

KFCA02727-E (E)

```
physical file aa....aa is undefined as multi file.
```

The specified physical file is not defined as a multi-file.

aa...aa: Physical file name

S: Stops processing of the command.

O: Specify the physical file name defined as a multi-file.

KFCA02751-W (E)

> (*aa....aa*: *bb....bb*) The chain of DAM cache blocks might become too
> long or the performance of transactions might be affected
> because a large value is specified for the dam_update_block
> operand. Make sure the specified value is correct. (specified
> value = *cc....cc*)

A value exceeding 5000 is specified in the dam_update_block operand in the DAM
service definition. This might increase the search time for the DAM cache block chain,
causing transaction performance to degrade. We recommend you check and correct the
value specified in the dam_update_block operand or specify the damchlmt
definition command.

For details about the message types and problem identification codes, see the
explanation of the definition check command in the manual *OpenTP1 System
Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Value specified in the dam_update_block operand

S: Continues processing.

Countermeasure: Change the value of the dam_update_block operand in the DAM
service definition to 5000 or smaller, or specify the damchlmt definition command.

KFCA02752-W (E)

> (*aa....aa*: *bb....bb*) No value or 1" is specified for the
> dam_message_level operand, so even if an exclusive error occurs
> during access to the DAM file, no message will be output. Make
> sure the specified value is correct."

Either the dam_message_level operand in the DAM service definition is not
specified, or the value specified for it is 1. In this case, the KFCA01610-W message is
not output even if an exclusive processing error occurs in the DAM-API executed by
the UAP. We recommend that you specify 0 in the dam_message_level operand.

For details about the message types and problem identification codes, see the
explanation of the definition check command in the manual *OpenTP1 System
Definition*.

aa....aa: Message type

bb....bb: Problem identification code

S: Continues processing.

Countermeasure: Specify `0` in the `dam_message_level` operand in the DAM service definition.

KFCA02753-W (E)

(*aa....aa*: *bb....bb*) The value specified for the dam_cache_size
operand is invalid because it is less than the estimated minimum
value. (estimated minimum value = *cc....cc*, recommended value =
dd....dd, specified value = *ee....ee*)

The value specified in the `dam_cache_size` operand is smaller than the value calculated from the values of the `dam_update_block` and `dam_tran_process_count` operands in the DAM service definition. In this case, the system allocates DAM cache shared memory based on the value calculated by the DAM service rather than the value specified in the `dam_cache_size` operand.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Value calculated by the DAM service (unit: bytes)

dd....dd: Recommended value for the `dam_cache_size` operand (unit: bytes)

ee....ee: Value specified in the `dam_cache_size` operand (unit: KB)

S: Continues processing.

Countermeasure: Specify the `dam_cache_size_fix` operand in the DAM service definition or specify the recommended value (*dd....dd*) in the `dam_cache_size` operand.

KFCA02754-W (E)

(*aa....aa*: *bb....bb*) The dam_cache_size_fix operand is specified. Make
sure the specified value is correct. If the value is correct,
ignore this message.

The `dam_cache_size_fix` operand is specified in the DAM service definition. The value of this operand must be specified so that the buffer will not become insufficient during online processing. Check if an adequate value is specified.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

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bb....bb: Problem identification code

S: Continues processing.

Countermeasure: Check if the value specified in the `dam_cache_size_fix` operand in the DAM service definition is a correctly estimated value. If the value has been estimated correctly, ignore this message.

KFCA02755-W (E)

(*aa....aa*: *bb....bb*) stop" is specified for the dam_io_error_occur
operand, so if an I/O error for the DAM file occurs, the system
will stop. We recommend you specify "continue" for the operand."

Because `stop` is specified in the `dam_io_error_occur` operand in the DAM service definition, the system stops if an I/O error occurs during access to a DAM file. We recommend that you either do not specify the `dam_io_error_occur` operand, or else specify `continue` as its value.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

S: Continues processing.

Countermeasure: Do not specify the `dam_io_error_occur` operand in the DAM service definition, or else specify `continue` as its value.

KFCA02756-W (E)

(*aa....aa*: *bb....bb*) The performance of transactions might be affected
because the specified DAM file has a large number of blocks. We
recommend you use the damchlmt command. (physical file name =
cc....cc, number of DAM file blocks = *dd....dd*)

The number of DAM file blocks specified in the `damfile` definition command in the DAM service definition exceeds 5000. If accesses are concentrated on this DAM file, the DAM cache block chain becomes longer. As a result, the search time for the DAM cache block chain might increase, causing transaction performance to degrade. We recommend that you specify the `damchlmt` definition command.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Physical file name specified in the `damfile` definition command

dd....dd: Number of blocks in the physical file indicated by *cc....cc*

S: Continues processing.

Countermeasure: Specify the `damchlmt` definition command.

KFCA02757-W (E)

```
(aa....aa: bb....bb) OpenTP1 might not be able to start because too
many DAM files are specified. (number of specified DAM files =
cc....cc)
```

The sum of the number of DAM files specified in the `damfile` definition command in the DAM service definition and the value specified in the `dam_added_file` operand (8 if the operand is not specified) exceeds 3600. As a result, OpenTP1 might not be able to start.

For details about the message types and problem identification codes, see the explanation of the definition check command in the manual *OpenTP1 System Definition*.

aa....aa: Message type

bb....bb: Problem identification code

cc....cc: Sum of the number of DAM files specified in the `damfile` definition command and the value specified in the `dam_added_file` operand

S: Continues processing.

Countermeasure: Modify the specification so that the sum of the number of DAM files specified in the `damfile` definition command and the value specified in the `dam_added_file` operand (8 if the operand is not specified) is 3600 or smaller.

KFCA02800-I (S)

```
usage: tamdel [- h usage] TAM file name
```

This message shows the correct usage of the tamdel command. It is output when the command format is incorrect.

KFCA02801-I (S)

```
usage:tamcre [-h usage] -r record length,-l key area length,-k
key start position,-m max record count,[-t] [-u hash entry
percentage [-x][-y]] [-s] [-d TAM data file name] TAM file name
```

This message shows the correct usage of the tamcre command. It is output when the command format is incorrect.

KFCA02802-I (E)

```
usage: tambkup [-h usage][-d][-o] {backup form, backup to | -s
backup form}
```

This message indicates how to use the tambkup command. It is output when the command format is invalid.

KFCA02803-I (S)

```
usage: tamstr [-h usage] {restore form, restore to | -s restore
to}
```

This message indicates how to use the tamrstr command. It is output when the command format is invalid.

KFCA02805-E (E)

```
the specified file is not a backup file for TAM file.
```

The backup file specified by the tamrstr command is not for TAM file.

S: Terminates processing.

O: Specify the correct backup file and retry.

KFCA02806-W (L+E)

```
error occurred during postprocessing of backup.
```

An error occurred during postprocessing of the tambkup command with the -o option. The backup has been created successfully.

S: Terminates processing normally.

KFCA02807-E (E)

```
TAM file block length and backup file block length do not match.
TAM file block length=aa...aa, backup file block length=bb...bb
```

Since the block length of the allocated TAM file does not match that of the backup file, restore processing is disabled.

aa...aa: TAM file block length (decimal)

bb...bb: Backup file block length (decimal)

S: Terminates processing.

O: Re-allocate or delete the TAM file, then retry.

KFCA02808-E (E)

```
TAM file capacity is insufficient. number of backup file
blocks=aa...aa, number of blocks TAM file can store=bb...bb
```

Allocated TAM file area is insufficient for storing all blocks of the backup file.

aa...aa: Number of backup table blocks (decimal)

bb...bb: Number of TAM file blocks (decimal)

S: Terminates processing.

O: Re-allocate or delete the TAM file, then retry.

KFCA02809-E (E)

```
there is not enough free space to allocate this TAM file.
```

S: Terminates processing.

O: Reduce the amount of allocation. Otherwise, change the allocation destination to another OpenTP1 file system, and retry.

KFCA02810-E (E)

```
unrecoverable error occurred during aa...aa processing. reason
code=bb...bb
```

aa...aa: Processing during which an error occurred

OPEN: Open processing

READ/UREAD: Input processing

CLOSE: Close processing

DELETE: Delete processing

FSTAT: File information obtaining processing

RSEEK: Positioning processing

PUT/WRITE: Output processing

CREATE: TAM file allocation processing

bb...bb: Abnormal processing code (troubleshooting information in decimal)

S: Stops processing.

511

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the usage and environmental conditions. If a message showing the primary reason why the processing stopped was output before this message, take corrective action according to that message. If no such message was output or if you cannot correct the error, contact maintenance personnel.

KFCA02811-E (E)

```
process-specific area found insufficient during aa...aa
processing.
```

aa...aa: Execution state

OPEN: During open processing

DELETE: During delete processing

READ: During input processing

CREATE: During TAM file allocation processing

CHKHEADER/TAM HEADER BUFF/I/O BUFFER: During buffer obtaining processing

PARS_START: During command start declaration processing

STATFS: TAM file status report processing

FSTAT: TAM file status report processing

CLOSE: Close processing

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the available memory size.

KFCA02812-E (E)

```
I/O error occurred during aa...aa processing.
```

aa...aa: Code with which an error occurred

OPEN: Open processing

CREATE: TAM file allocation processing

STATFS: During TAM file status report

UXREAD: UNIX file input processing

CLOSE: Close processing

WRITE: Output processing

DELETE: Delete processing

READ: Input processing

FSTAT: During TAM file status report

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the error, and retry.

KFCA02815-E (E)

interface error *aa...aa* occurred.

An interface error occurred between functions of programs.

aa...aa: Reason code (decimal)

10000: Command purser start error

10004: Journal type error

S: Obtains the core file and stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA02816-E (E)

cannot input from *aa...aa* file.

aa...aa: File name

For the standard input file, standard input file is output.

S: Obtains the core file and stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the cause of the error according to the preceding error message that is output for the read system call.

KFCA02817-E (E)

cannot open TAM file *aa...aa*. reason code: *bb...bb*

aa...aa: TAM file name

bb...bb: Reason code (troubleshooting information in decimal)

513

S: Obtains the core file and stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: If a message showing the primary reason why the processing stopped was output before this message, take corrective action according to that message. If no such message was output, correct the TAM file failure, and then retry.

KFCA02818-E (E)

cannot input from TAM file *aa...aa*. reason code: *bb...bb*

aa...aa: TAM file name

bb...bb: Reason code (troubleshooting information in decimal)

S: Obtains the core file and stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: If a message showing the primary reason why the processing stopped was output before this message, take corrective action according to that message. If no such message was output, correct the TAM file failure, and then retry.

KFCA02819-E (E)

cannot output TAM file *aa...aa*. reason code: *bb...bb*

aa...aa: TAM file name

bb...bb: Reason code (troubleshooting information in decimal)

S: Obtains the core file and stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: If a message showing the primary reason why the processing stopped was output before this message, take corrective action according to that message. If no such message was output, correct the TAM file failure, and then retry.

KFCA02820-E (E)

journal record error: *aa...aa*

aa...aa: Cause of error

record header broken: Record header is broken.

version mismatch: Record header version is not for processing.

invalid record size: Record size is zero.

indicator_mismatch: Indicator of the update information shows other than U or

NULL.

short of data: Probable causes are:

Input data length is shorter than the record length specified in the header.

The specified journal file is invalid.

The `jnlcolc` command failed.

record data broken: Record data is broken.

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that no journal is damaged in the unload journal file.

KFCA02821-E (E)

```
contents of definition file to be reserved is invalid. reason:
aa...aa, line number=bb...bb, definition: cc...cc
```

aa...aa: Factor

`invalid format`: The format is invalid.

`no data`: The TAM file definition is missing.

`invalid kind`: It is not a TAM file.

bb...bb: Invalid line number (hexadecimal)

However, a 0 appears if the factor is `no data`.

cc...cc: Content of the invalid line

However, ********** is shown if the factor is `no data`.

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the content of the recovery definition file and execute the tamfrc command again.

KFCA02822-E (E)

```
TAM file to contain all data items cannot be created.
```

Since the number of data exceeds the specified maximum record count, data overflows the created area. Or generated synonyms overflow the created synonym area.

S: Terminates processing.

O: Increase the maximum record count and retry.

KFCA02823-E (E)

```
command specifies invalid parameter value. error: aa...aa
```

aa...aa: Section in which an error occurred.

RECSZ: Record length

KEYF: Key field length

KEY_OFF_SET: Key start position

MAX_REC_NO: Max. number of records

INDEX_TYPE_TREE: Tree index type

INDEX_TYPE_HASH: Hash activity ratio

KEY_SUPPRESS: Key suppress

S: Terminates processing.

O: Specify the correct value and retry.

KFCA02824-E (E)

```
sum of key area length and key start position exceeds the record
length.
```

S: Terminates processing.

O: Specify the correct value and retry.

KFCA02825-E (E)

```
TAM data file is invalid.
```

Component of path prefix of the specified TAM data file name is not a directory.

S: Terminates processing.

O: Specify the correct TAM data file name, and retry.

KFCA02826-E (E)

```
the specified TAM data file not found.
```

S: Terminates processing.

O: Specify the correct TAM data file name, and retry.

KFCA02827-E (E)

no device corresponds to the specified TAM data file.

S: Terminates processing.

O: Make sure that the correct path to the TAM data file is specified in the command argument, and then retry.

KFCA02828-E (E)

cannot open the specified TAM data file because it has not been unlocked.

S: Terminates processing.

O: Specify another TAM file name or wait until the other process releases the lock, and retry.

KFCA02829-E (E)

cannot open *aa...aa* file.

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: File name

S: Obtains the core file and stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the cause of the error according to the preceding error message that is output for the open system call.

KFCA02830-E (E)

cannot close *aa...aa* file.

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: File name

S: Obtains the core file and stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the cause of the error according to the preceding error message that is output for the close system call.

KFCA02831-E (E)

cannot close TAM file *aa...aa*. reason code=*bb...bb*

aa...aa: TAM file name

bb...bb: Reason code (troubleshooting information in decimal)

S: Obtains the core file and stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the cause of the error according to the preceding error message that is output for the close system call.

KFCA02832-E (S)

command argument is invalid.

An argument of the tamfrc command is incorrect.

S: Stops command processing.

O: Re-execute the command, specifying the argument correctly.

KFCA02833-E (E)

the same key value already exists. TAM Record key (Length=[*aa...aa*])[*bb...bb*]: *cc...cc*

Presence of the same key values in the specified TAM data file prevents processing from being continued.

When the key value consists of printable characters, *cc...cc* displays the characters. If it does not, *cc...cc* indicates a period (.).

One line of the key value output area (*bb...bb* and *cc...cc*) displays up to 16 bytes. Any excess bytes are displayed on the following lines. If a line is less than 16 bytes, the system pads the lines with 0s.

The line beginning with TAM Record is not output to syslog.

aa...aa: Key value length (decimal)

bb...bb: Key value contents (hexadecimal)

cc...cc: Key value length (ASCII)

S: Terminates processing.

O: Specify another TAM data file name, or change the key value, and then retry.

KFCA02834-E (E)

```
access to TAM data file aa...aa is not permitted.
```

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: TAM data file name

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Change the access authority for the TAM data file.

KFCA02835-E (E)

```
records of TAM table aa...aa were damaged.
```

aa...aa: Name of TAM table in which records were damaged

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the disk unit and TAM file for errors.

KFCA02836-E (E)

```
specified TAM file name already exists.
```

S: Terminates processing.

O: Specify a different TAM file name. Alternatively, use the tamdel command to delete the TAM file having the same file name. Then, re-execute.

KFCA02849-E (E)

```
access to this file is not permitted. file type: aa...aa file name:
bb...bb
```

When the message is long, the last part of the file name shown in the message might be omitted.

aa...aa: File category

recovery definition file: Recovery definition file

unload journal file: Unload journal file

take over file: Inheritable file for journal drawing

bb...bb: File name

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Change the file's access authority. Or execute the tamfrc command by means of an effective user ID or effective group ID that can access the file.

KFCA02850-I (S)

```
usage: tamunload [-h usage] TAM table name
```

This message shows the correct usage of the tamunload command. It is output when command format is incorrect.

KFCA02851-I (S)

```
usage: tamload [-h usage] TAM table name
```

This message shows the correct usage of the tamload command. It is output when command format is incorrect.

KFCA02852-I (S)

```
usage: tamhold [-h usage] TAM table name
```

This message shows the correct usage of the tamhold command. It is output when command format is incorrect.

KFCA02853-I (S)

```
usage: tamrles [-h usage] [-o] [-f] TAM table name
```

This message shows the correct usage of the tamrles command. It is output when command format is incorrect.

KFCA02854-I (S)

```
usage: tamls [-h usage] [TAM table name]
```

This message shows the correct usage of the tamls command. It is output when command format is incorrect.

KFCA02855-I (S)

```
usage: tamrm [-h usage] TAM table name
```

This message shows the correct usage of the tamrm command. It is output when

command format is incorrect.

KFCA02856-I (S)

```
usage: tamadd [-h usage] [-o loading opportunity] [-a access
type] [-i] [-j] TAM table name TAM file name
```

This message shows the correct usage of the tamadd command. It is output when command format is incorrect.

KFCA02857-E (E)

```
there is not enough free space to catalog the TAM table.
```

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the specified limit of TAM table count to be cataloged with tam_max_tblnum in TAM service definition, and start OpenTP1.

KFCA02858-E (E)

```
too many OpenTP1 files are open.
```

The maximum number of files used in the TAM service exceeds the maximum number of OS files.

S: Terminates processing.

Countermeasure: Check the maximum number of OS files.

KFCA02859-E (E)

```
the specified TAM table is not in shutdown state.
```

S: Stops processing.

KFCA02860-E (E)

```
the specified TAM table is already in failure shutdown state.
```

S: Stops processing.

KFCA02861-E (E)

```
the specified TAM table is already in logical shutdown state.
```

S: Stops processing.

KFCA02862-E (E)

```
contents of definition file is invalid.
```

This message appears under one of the following conditions.

- The specified recovery definition file is missing or the file is empty.

- The specified recovery definition files contain two types of physical files: those that have been restored from online backup files and those that have been backed up in the offline state.

S: Stops processing.

O: Check the cause of the error, and then correctly create a recovery definition file.

KFCA02863-E (E)

```
the specified TAM table is in failure shutdown state; specify -o
or -f option.
```

S: Terminates processing.

O: Specify -o or -f option for the tamrles command.

KFCA02864-E (E)

```
the specified TAM table is in logical shutdown state; remove -o
or -f option.
```

S: Terminates processing.

O: Cancel -o or -f option for the tamrles command.

KFCA02865-I (S)

```
usage: tamfrc [-hsegmj] [-k key] {-f recovery definition file |
TAM table name TAM file name} journal file name [journal file
name ...]
```

This message is displayed in the following cases:

1. An argument of the tamfrc command is incorrect.

2. The -h option is specified in the tamfrc command.

S:

1. Stops command processing.

2. Indicates the command usage.

O: In the event of 1., re-execute the command, specifying the argument correctly.

KFCA02866-E (E)

```
record length of TAM file exceeds the max TAM record length.
```

S: Terminates processing.

O: Reduce the maximum record length of the TAM file in the TAM service definition to larger than the record length of the specified TAM file, and start OpenTP1. Otherwise, use the tamcre command to re-create the TAM file whose record length is smaller than the maximum record length of the TAM file in the TAM service definition.

KFCA02867-E (E)

```
loading opportunity is not command entry.
```

S: Stops processing.

KFCA02868-E (E)

```
invalid argument for loading opportunity.
```

S: Terminates processing.

O: Specify the correct argument for loading opportunity.

KFCA02869-E (E)

```
TAM table is loaded.
```

S: Terminates processing.

KFCA02870-E (E)

```
invalid argument for access type.
```

S: Terminates processing.

O: Specify the correct argument for access type.

KFCA02871-I

```
TAM table aa...aa loading completed.
```

aa...aa: TAM table name

S: Terminates processing.

KFCA02872-I

TAM table *aa...aa* unloading completed.

aa...aa: TAM table name

S: Terminates processing.

KFCA02873-E (E)

the specified TAM table is already unloaded.

S: Terminates processing.

KFCA02874-W (E)

transaction is in execution; retries logical shutdown processing.

KFCA02875-W (E)

transaction is in execution; retries delete processing.

KFCA02876-I

TAM table *aa...aa* has been deleted.

aa...aa: TAM table name

O: Add the TAM table name using the tamadd command.

KFCA02877-E (E)

real-updating of TAM table *aa...aa* failed.

aa...aa: TAM table name for which real-updating failed

S: Terminates processing.

O: Investigate the cause of the error according to the standard error message that shows the primary reason why the processing stops.

KFCA02878-E (E)

table name *aa...aa* is not of a TAM table.

aa...aa: Table name

S: Terminates processing when the table name is specified for tamls. Continues

processing when the table name is omitted for tamls.

O: Use the tamcre command to create a TAM file and retry.

KFCA02879-E (E)

```
TAM file V/R is invalid.
```

S: Terminates processing.

O: Match the versions of the TAM table and TAM service, and retry.

KFCA02880-E (E)

```
TAM backup file V/R is invalid.
```

S: Terminates processing.

O: Match the versions of the TAM backup file and TAM service, and retry.

KFCA02881-E (E)

```
error shutdown cannot be released because TAM table is unloaded.
delete TAM table.
```

S: Terminates processing.

O: Using the tamrm command, delete the TAM table.

KFCA02882-E

```
TAM table cannot be loaded because of error shutdown status.
```

S: Terminates processing.

KFCA02883-E

```
record length of the TAM file exceeds maximum record length of
TAM. TAM file name: aa...aa
```

aa...aa: TAM file name

S: Terminates processing.

O: Set a maximum record length for the TAM file, in the TAM service definition, that is equal to or greater than the record length of the specified TAM file. Then, activate OpenTP1. Alternatively, by using the tamcre command to recreate the TAM file, set a TAM file record length that is equal to or less than the maximum record length of the TAM file in the TAM service definition.

KFCA02884-E (E)

```
specified TAM file cannot be recovered with the specified
journal file.
```

S: Terminates processing.

O: Check the TAM file name and unload journal file name specified in `tamfrc`.
Specify the correct TAM file name and unload journal file name, and then re-execute
`tamfrc`.

KFCA02885-E (E)

```
specified TAM file cannot be registered because its file
attributes differ from its previous attributes. file attribute:
```
aa...aa

aa...aa: Different file attributes

   REC_LEN: Record length

   KEY_LEN: Key length

   KEY_POS: Key start position

   MAX_REC: Maximum number of records

   INDX_TYPE: Index type

   HASH_NO: Hash entry use ratio

   KEY_AREA: Whether there is a key area in a record

   FILE_SIZE: File size

S: Terminates processing.

O: Check that the file attributes match, then re-register them.

KFCA02886-E (E)

```
cannot catalog TAM table because last file attribute aa....aa is
difference.
```

aa...aa: The disparate table attribute

   ACS_TYPE: Access type

S: Terminates processing.

O: Re-catalog the TAM table using the previous value of the table attribute.

KFCA02893-E

```
retry processing stops because transaction has not been
completed.
```

S: Terminates processing.

O: Re-enter the command. If message *KFCA01784-E* is output, release the error shutdown of the table by using the tamrles command with the -o or -f option specified.

KFCA02894-E

```
shared memory area used by the TAM service cannot be allocated.
(memory attribute: aa...aa, reason code: bb...bb required memory
size: cc...cc)
```

Upon startup of the TAM service, allocating the shared memory to be used by the TAM service failed.

aa...aa: Attributes of the shared memory that could not be allocated

dynamic: The area could not be allocated from OpenTP1 dynamic shared memory.

rm_shm: Shared memory for the TAM service could not be allocated.

bb...bb: Reason code that indicates the contents of the error (up to 10 numeric digits of troubleshooting information)

-1779: The calculation for the required shared memory resulted in an error because an incorrect value is specified in the TAM service definition.

-20012: The available data space is insufficient for allocating the shared memory pool.

-20022: The size of shared memory exceeded the upper limit of the system.

-20024: The number of shared memory segments attached exceeds the allowable attach count for shared memory defined in the system.

-20028: The shared memory identifier exceeds the allowable number of shared memory identifiers defined in the system.

cc...cc: The size of the area that could not be allocated

S: Stops the TAM server start processing.

O:

When the memory attribute is dynamic:

The dynamc_shmpool_size value in the system environment may be

527

insufficient.

When the memory attribute is rm_shm:

- An error occurred for the size of shared memory for the system. See the reason code in *bb...bb*.

- The shared memory for the TAM service exceeds 2,147,483,647 bytes.

- The product of tam_max_tblnum value and tam_max_filesize value of the TAM service definition exceeds 2,147,483,647 bytes.

- The relationship between the value of tam_max_tblnum or tam_max_filesize and the tamtable command definition clause is invalid.

- If *cc...cc* indicates a negative value, the number of specified tamtable command is more than the value of the tam_max_tblnum operand in the TAM service definition.

For other than above: 0 is output.

Countermeasure: Contact the OpenTP1 administrator. The OpenTP1 administrator must check the system and OpenTP1 definitions.

KFCA02895-E

```
file attributes of the TAM file were changed. file name: aa...aa,
file attribute: bb...bb
```

Upon restart of the TAM service, the file attributes of the TAM file were found not to match those used before online down.

aa...aa: Name of TAM table whose file attributes changed

bb...bb: Changed table attribute

FILE_SIZE: Size of TAM file whose attributes changed.

S: Deletes the TAM file corresponding to the TAM file whose attributes changed and continues restart processing of the TAM service.

O: Ensure that the attributes of the TAM file are the same as those used before online down, recover the TAM table, then register the file in the online status.

KFCA02896-E

```
two or more options cannot be specified.
```

S: Terminates processing.

O: Check the specified option, then reenter the command.

KFCA02897-E

```
processing cannot continue because of error recovery wait
status.
```

S: Terminates processing.

O: Delete the TAM table.

KFCA02898-E

```
valid records do not exist. cancels processing.
```

The TAM data file cannot be created because the TAM table does not contain valid records.

S: Terminates processing.

O: Check the specified TAM table, then re-execute.

KFCA02899-E

```
destroyed record is found. cancels processing.
```

S: Terminates processing.

O: Execute tamfrc to recover the file. Then, re-execute tambkup.

Chapter

5. Messages from KFCA03000 to KFCA09999

This chapter describes messages from KFCA03000 to KFCA09999.

5.1 Messages from KFCA03000 to KFCA09999

5.1 Messages from KFCA03000 to KFCA09999

KFCA03001-E

```
shared memory found insufficient while performing server
recovery journal service.
```

S: Stops OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the cause of the error and restart.

KFCA03002-E

```
process-specific area found insufficient while performing server
recovery journal service.
```

S: Stops OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the cause of the error and restart.

KFCA03003-W

```
error occurred while opening server recovery journal file aa...aa
for bb...bb service.
```

aa...aa: Name of file in which an error occurred

bb...bb: Name of service in which an error occurred

S: Uses the journal file when the service (*bb...bb*) is recovered.

KFCA03004-W

```
error occurred while writing to server recovery journal file
aa...aa for bb...bb service.
```

aa...aa: Name of file in which an error occurred

bb...bb: Name of service in which an error occurred

S: Uses the journal file when the service (*bb...bb*) is recovered.

KFCA03005-W

```
error occurred while reading from server recovery journal file
aa...aa for bb...bb service.
```

aa...aa: Name of file in which an error occurred

bb...bb: Name of service in which an error occurred

S: Uses the journal file when the service (*bb...bb*) is recovered.

KFCA03006-W

```
error occurred while closing server recovery journal file aa...aa
for bb...bb service.
```

aa...aa: Name of file in which an error occurred

bb...bb: Name of service in which an error occurred

S: Continues processing.

KFCA03007-W

```
creating server recovery journal file for aa...aa stopped because
I/O error occurred while using buffers in shared memory.
```

aa...aa: System server name

S: Continues processing.

KFCA03008-W

```
creating server recovery journal file for aa...aa stopped.
```

aa...aa: System server name

S: Continues processing.

Countermeasure: Perform processing according to the previously output error message. If the system server goes down, restart it immediately. If this message is output, the journal file overwrite inhibition status will not have been released. Therefore, if the system server which went down takes a long time to restart, the system may go down because of a journal file shortage.

KFCA03009-W

```
creating all server recovery journal files stopped because error
occurred during creation.
```

533

S: Uses the journal file when all services are recovered.

KFCA03010-E

```
cannot recover the server because error occurred while inputting
server recovery journal for aa...aa service.
```

aa....aa: System server name

S: Stops OpenTP1.

O: Contact the OpenTP1 administrator.

Countermeasure: Investigate the cause of the error and restart.

KFCA03011-E

```
bb...bb error occurred in an aaa file. file name: cc...cc, reason
code=dddd
```

aaa: File type

    srf: Server recovery journal file

    sri: srf linkage information file (for internal processing)

    unl: Unload journal file

bb...bb: Error system call (open, close, write, read, stat, lseek)

cc...cc: File full path name (Up to 63 characters)

dddd: Reason code (4-digit number)

    Reason codes and related countermeasures are listed in the table below.

S: Suspends command processing.

Countermeasure: Proceed as indicated in the reason code list.

Reason code	Meaning	Countermeasure
0001	Invalid file name	Check the file name.
0002	No access right for the file	Check the access right for the file.
0003	I/O error	Contact your Hitachi customer engineer.

KFCA03012-E

aa...aa command cannot be executed for the server recovery journal file. reason code=*bbbb*

aa...aa: Command name

bbbb: Reason code

Reason codes and corresponding countermeasures are listed below.

S: Suspends command processing.

Countermeasure: Re-execute the command after reading the reason code list.

Reason code	Meaning	Countermeasure
0004	There is insufficient process memory.	Check the amount of memory being used.
0005	The server recovery journal file linkage information file could not be entered.	Take appropriate action according to the *KFCA03013-E* reason code.
0006	The specified unload journal file name is invalid.	Check the unload journal file name.
0007	The unload journal file could not be entered.	Take appropriate action according to the *KFCA03011-E* reason code.
0008	The server recovery journal file could not be output.	
0009	The unload journal file generation is missing.	Check the unload journal file name.
0010	The server recovery journal file has already been recovered or is currently being recovered.	--
0014	The unload journal file is invalid.	Check the unload journal file name, or check whether unload journal file creation ended normally.
0015	The journal block is invalid.	Check whether unload journal file creation ended normally.
0016	The journal record is invalid.	

Reason code	Meaning	Countermeasure
0017	The transaction completion information could not be created.	Take appropriate action according to the previously output message.

Legend: --: Not applicable

KFCA03013-E

```
srf linkage information cannot be entered. reason code=aaaa
```

The srf linkage information required to create the server recovery journal file could not be entered.

aaaa: Reason code

Reason codes and corresponding countermeasures are listed in the table below.

S: Suspends command processing.

Countermeasure: Proceed as indicated in the reason code list.

Reason code	Meaning	Countermeasure
0011	An environment variable is invalid.	Set a valid value for the environment variable, then re-execute.
0012	There is no server recovery journal file linkage information file.	Perform one of the following: Check the specified server name; if an error message has already been output, proceed as indicated in that message; and check whether the command is being executed after *KFCA03015-E* has been issued.
0013	A file I/O error occurs.	If an error message has already been output, proceed as indicated in that message.

KFCA03014-E

```
no srf linkage information can be output. reason code=aaaa
```

srf linkage information required to create the server recovery journal file could not be output.

aaaa: Reason code

The reason codes and corresponding countermeasures are listed in the table below.

S: Terminates OpenTP1.

Countermeasure: Take appropriate action according to the reason code list.

Reason code	Meaning	Countermeasure
0013	A file I/O error occurred.	If an error message has already been output, proceed as instructed in that message.

KFCA03015-E

```
unload journals having generation number=aa...aa to generation
number=bb...bb and recover server recovery journal file of cc...cc
service using the jnlmkrf command.
```

aa....aa: Journal generation number

bb....bb: Journal generation number

cc....cc: System server name

S: Terminates OpenTP1.

O: After OpenTP1 terminates, output all journals shown in the message to the unload journal file. Using the jnlmkrf command, recover the server recovery journal file.

KFCA03016-E

```
process-specific area is too small.
```

S: Suspends command processing.

Countermeasure: Check the use status of the process-specific area, then re-execute the command.

KFCA03017-I

```
server name file name srf block count use ratio
```

srf information display header used when the -j sjl option of the jnlls command is executed.

KFCA03018-W

```
srf of the aa...aa server cannot be created because file capacity
is insufficient.
```

aa...aa: System server name

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KFCA03019-E

```
file group name bb...bb specified in definition file aa...aa is
already specified in definition file cc...cc.
```

aa...aa: Definition file name

bb...bb: File group name

cc...cc: Definition file name

S: Goes down.

O: Correct the definition file, then reactivate.

KFCA03020-E

```
physical file name bb...bb specified in definition file aa...aa is
already specified in definition file cc...cc.
```

aa...aa: Definition file name

bb...bb: Physical file name

cc...cc: Definition file name

S: Goes down.

O: Correct the definition file, then reactivate.

KFCA03021-E

```
jnladdfg command for srf is already defined in the same
definition file. definition file name=aa...aa
```

aa...aa: Definition file name

S: Goes down.

O: Correct the definition file, then reactivate.

KFCA03022-E

```
specified server name is not for srf creation server.
```

O: Specify a valid server name, then reenter the command. If the -s option is omitted, information relating to all srf creation servers is displayed.

KFCA03023-E

command cannot be executed because shared memory cannot be
referenced.

O: Check the operating environment, then reenter the command.

KFCA03024-E

physical file *bb...bb* specified in definition file *aa...aa* is not
used for srf.

aa...aa: Definition file name

bb...bb: Physical file name

S: Goes down.

O: Correct the definition file, then reactivate.

KFCA03025-W

status file error occurred during execution of server recovery
journal service.

S: Continues processing.

KFCA03026-E

jnladdpf command for srf is already defined in the same
definition file. definition file name=*aa...aa*

aa...aa: definition file name

S: Goes down.

O: Correct the definition file, then reactivate.

KFCA03027-E

file information could not be acquired. file name=*aa...aa*

aa...aa: File name

S: Goes down.

KFCA03028-E

there is no jnladdpf for jnladdfg -g *bb...bb* of definition file
aa...aa .

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aa...aa: Definition file name

bb...bb: File group name

S: Goes down.

O: Correct the definition, then reactivate.

KFCA03100-E (E)

```
memory shortage
```

S: Stops processing of the command.

O: Wait until the other process terminates, and reenter the command.

KFCA03101-E (E)

```
option flag is invalid.
```

Probable causes are:

- Specified option flag is not permitted for the command.
- No flag argument is specified after the option flag that requires flag argument.
- Number of parameters or argument length entered exceeds the limit.

S: Stops processing of the command.

O: Check the option flag and reenter the command.

KFCA03102-E (E)

aa...aa `file not found.`

aa...aa: Specified file name

S: Stops processing of the command.

O: Check the file name and reenter the command.

KFCA03103-E (E)

aa....aa`file does not contain trace file`

aa...aa: Specified file name

S: Stops processing of the command.

O: Check the UAP and the definitions. Possible causes are as follows:

- The UAP is not executing functions provided by OpenTP1.

- 0 is specified for the uap_trace_max operand in the following definitions:

  RAP-processing listener service definition

  User service default definition

  User service definition

- Y is specified for the uap_trace_file_put operand in the following definitions and the core file is specified by the uatdump command:

  System common definition

  User service default definition

  User service definition

- Y is specified for the uap_trace_file_put operand in the following definitions and the UAP trace data file is specified by the uatdump command without the -f option:

  System common definition

  User service default definition

  User service definition

KFCA03104-W (E)

trace data contains invalid type code.

There is no function corresponding to type code 1 or 2.

S: Continues processing.

O: Contact the maintenance personnel.

KFCA03105-I (S)

usage:uatdump {[core file name] | -f [UAP trace data file name]}

S: Does not execute processing for the command.

O: Reenter the command with correct format.

KFCA03106-W (E)

first trace data contains an invalid type code.

There is no related function in type codes 1 or 2.

S: Continues processing.

O: Contact the maintenance personnel.

KFCA03107-E (E)

```
file name is invalid.
```

The number of characters of the specified file name exceeds the allowable range.

S: Stops processing of the command.

O: Check the file name, then re-execute the command.

KFCA03110-E (E)

```
trace data in aa...aa was broken.
```

Trace data is not correctly output to the specified file.

aa...aa: Name of the specified file.

S: Stops processing of the command.

O: If a message was output immediately before this message, take corrective action according to that message. If no such message was output, check the disk unit. If the disk unit does not have a problem, contact maintenance personnel.

KFCA03111-W (E)

```
The file was not able to acquire trace information.Trace
information process-specific area is acquired. server name:aa....aa
pid=bb....bb Function name:cc....cc detail code=dd....dd
```

aa....aa: Name of the server that failed to obtain trace information for the file (up to 8 alphanumeric characters)

bb....bb: Process ID of the process that failed to obtain trace information for the file

cc....cc: Name of the function that generated the error

dd....dd: Detail code (errno value)

S: Obtains trace information for the process-specific area.

O: Investigate the cause based on the name of the function that generated the error and the detail code.

KFCA03300-I

```
interval service is being prepared.
```

KFCA03301-I

```
interval service has started.
```

KFCA03302-E (L+E)

```
interval service cannot start. reason code=aaaa
```

An error indicating the reason code occurred upon the start of the interval service. The interval service cannot start.

aaaa: Reason code (number of up to 10 digits)

The reason codes and corresponding countermeasures are listed in the table below.

S: Terminates OpenTP1 abnormally.

Countermeasure: Take appropriate action as listed in the reason code list, then reactivate OpenTP1.

Reason code	Meaning	Countermeasure
100	An error occurred during definition analysis start processing.	If an error message has already been output, proceed as indicated in that message.
200	A communication error occurred.	
300	Process memory shortage occurred.	
400	Shared memory shortage occurred.	Estimate the required amount of shared memory, change the value accordingly, then reactivate OpenTP1.
500	An error occurred upon registering the signal handler.	If an error message has already been output, proceed as indicated in that message.
600	An error occurred upon accessing the status file.	
700	An error occurred while start processing completion was being reported.	

KFCA03303-I

```
termination of interval service in progress.
```

KFCA03304-I

```
interval service terminated.
```

KFCA03700-E

```
communication error occurred.
```

A communication error occurred.

S: Makes the function which detected the error return due to the error.

O: Contact the OpenTP1 administrator.

Countermeasure: Check that there are no faults in the network.

KFCA03704-E

```
library versions do not match.
```

Libraries were found to be of different versions.

S: Makes the function which detected the error return due to the error.

O: Contact the OpenTP1 administrator.

Countermeasure: Perform compilation using libraries of the same version.

KFCA03705-W

```
definition is invalid. reason code=aa...aa server name=bb...bb
```

The contents of the user service definition are invalid.

aa....aa: Reason code for the invalid definition

bb....bb: Server name

S: The related server is not activated.

Countermeasure: Determine the cause from the reason code, take appropriate action, then reactivate the server.

Reason code	Meaning	Countermeasure
1	The service_group operand is invalid.	Check the service_group of the user service definition.
2	The description of the service operand is invalid.	Check the service operand of the user service definition.
3	The description of the server_type operand is invalid.	Check the server_type operand of the user service definition.
4	The description of the receive_from operand is invalid.	Check the receive_from operand of the user service definition.

KFCA03706-E

```
service name could not be advertised. reason code=aa...aa server
name=bb...bb
```

aa....aa: Reason code for the error

bb....bb: Server name

S: The service of the related server is not advertised.

Countermeasure: Determine the cause from the reason code, take appropriate action, then reactivate the server.

Reason code	Meaning	Countermeasure
1	The service name could not be advertised because it is already being advertised by another service group.	Check the user service definition of the other user server for whether the service names are duplicated.
2	Upon the detection of a duplicated service advertisement, an attempt was made to delete the service of the related server but it failed.	A communication error might have occurred. Contact the OpenTP1 administrator.

KFCA03707-E

```
definition is invalid. reason code=aa...aa server name=bb...bb
```

aa...aa: Reason code

bb...bb: Server name

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take action as shown in the reason code list.

Reason code	Meaning	Countermeasure
1	An invalid value or nothing is specified for the xatinitapt operand of the XATMI communication service definition.	Specify the AP name of the local system for the xatinitapt operand.
2	An invalid value or nothing is specified for the xatinitaeq operand of the XATMI communication service definition.	Specify the AE qualifier of the local system for the xatinitaeq operand.
3	An invalid value or nothing is specified for the -p option of the xatsrvadd command of the XATMI communication service definition.	Specify the AP name of the remote system for the -p option of the xatsrvadd command.
4	An invalid value or nothing is specified for the -q option of the xatsrvadd command of the XATMI communication service definition.	Specify the AE qualifier of the remote system for the -q option of the xatsrvadd command.
5	No xatsrvadd command is specified in the XATMI communication service definition.	Specify the xatsrvadd command for each remote system.

Reason code	Meaning	Countermeasure
6	The service group name paired with the service name are not specified for the xat_aso_xxx_ event_ svcname operand of the XATMI communication service definition.	Specify the service group name followed by the service name.
7	An invalid value is specified for the -S option of the xatsrvadd command of the XATMI communication service definition.	Specify the service name for the -S option of the xatsrvadd command.

KFCA03708-E

cannot open definition file. definition file: *aa...aa*

aa...aa: Name of definition file that could not be opened.

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Create the definition file *aa...aa*, and then restart OpenTP1.

KFCA03720-I

now preparing for XATMI control service.

KFCA03721-I

XATMI control service started.

KFCA03722-I

now terminating XATMI control service.

KFCA03723-I

XATMI control service terminated.

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KFCA03724-E (E+L)

```
cannot start XATMI control service since error occurred while
analyzing definition file. reason code=aa....aa
```

When starting the XATMI control service, an error occurred while analyzing the XATMI service definition.

aa...aa: Reason code of the definition analysis error

S: Stops processing.

O: Eliminate the error according to the previous output message, and then restart OpenTP1.

KFCA03740-I

```
now preparing for XATMI communication service. service name:
aa....aa
```

aa...aa: XATMI communication service name

KFCA03741-I

```
XATMI communication service started. service name: aa....aa
```

aa...aa: XATMI communication service name

KFCA03742-I

```
now terminating XATMI communication service. service name: aa....aa
```

aa...aa: XATMI communication service name

KFCA03743-I

```
XATMI communication service terminated. service name: aa...aa
```

aa...aa: XATMI communication service name

KFCA03744-E (E)

```
cannot start XATMI communication service since error occurred
while analyzing definition file. reason code=aa...aa service name:
bb...bb
```

aa...aa: Reason code of the definition analysis error

bb...bb: XATMI communication service name

S: Stops processing.

O: Eliminate the error according to the previous output message, and then restart OpenTP1.

KFCA03750-W

```
temporary XATMI protocol error occurred. service name: aa...aa
internal reason code=bb...bb
```

aa...aa: XATMI communication service name

bb...bb: Internal reason code

S: Continues processing.

O: Contact the OpenTP1 administrator if this error occurs repeatedly.

KFCA03751-E

```
permanent XATMI protocol error occurred. service name: aa...aa
internal reason code=bb...bb
```

aa...aa: XATMI communication service name

bb...bb: Internal reason code

S: Stops processing.

O: Contact the OpenTP1 administrator.

KFCA03752-E

```
"error occurred on XATMI-TM interface. function name: aa...aa
return-code=bb...bb"
```

aa...aa: Function with an error

bb...bb: Return value of the function with an error

S: Stops processing.

O: Contact the OpenTP1 administrator.

KFCA03754-W

```
service not found. service name: aa....aa
```

aa...aa: Specified service name

S: Stops the start processing of the service. A dialog is not established.

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O: Check if an invalid service name is specified, or check that the service for the specified server is entered.

KFCA03755-I

```
system is terminating; stops receiving new service. service
name: aa....aa
```

aa...aa: XATMI communication service name

KFCA03756-E

```
dialogue establishment failure occurred. service name: aa....aa
internal reason code=bb....bb
```

aa...aa: XATMI communication service name

bb...bb: Internal reason code

S: Continues processing.

O: Take action according to the output reason code. Alternatively, contact the OpenTP1 administrator.

Countermeasures:

Reason code	Meaning
-1	There is no association pool.
-2	There is no association pool (but a disconnected association).
-3	Dialog is not established.
-4	Dialog is being disconnected.
-5	Logical conflict (maintenance information)
-6	Logical conflict (maintenance information)
-7	Invalid acceptance
-8	Invalid association name
-9	Invalid AE name
-10	All associations are connected.
-11	Association is disconnected.
-12	No response from the remote station.

Reason code	Meaning
-13	Rollback in process
-14	Send failed.
-15	Association is being established.
-16	Association is being disconnected.

KFCA03757-E

communication failure occurred between XATMI communication
service and other system. service name: *aa....aa* internal event
code=*bb....bb* internal reason code=*cc....cc*

aa...aa: XATMI communication service name

bb...bb: Event code

cc...cc: Internal reason code

S: Continues processing.

O: Take action according to the output reason code. Alternatively, contact the
OpenTP1 administrator.

Countermeasures:

Reason code	Meaning
-1	There is no association pool.
-2	There is no association pool (but a disconnected association).
-3	Dialog is not established.
-4	Dialog is being disconnected.
-5	Logical conflict (maintenance information)
-6	Logical conflict (maintenance information)
-7	Invalid acceptance
-8	Invalid association name
-9	Invalid AE name
-10	All associations are connected.

Reason code	Meaning
-11	Association is disconnected.
-12	No response from the remote station.
-13	Rollback in process
-14	Send failed.
-15	Association is being established.
-16	Association is being disconnected.

KFCA03758-W

```
service invocation failure occurred. service name: aa...aa
internal reason code=bb....bb
```

aa...aa: Service name

bb...bb: Internal reason code

S: Continues processing without starting the service. The dialog is released.

O: Eliminate the error according to the previous output message, and then restart OpenTP1.

KFCA03759-W

```
service request failure occurred. service name: aa....aa internal
reason code=bb....bb
```

aa...aa: XATMI communication service name

bb...bb: Internal reason code

S: Continues processing.

O: Contact the OpenTP1 administrator if this error occurs repeatedly.

KFCA03760-W

```
"transaction branch cannot be generated. internal reason
code=aa....aa"
```

aa...aa: Internal reason code

S: Continues processing if the error occurred in the client. Stops processing if the error occurred in the server.

O: Take action according to the reason code. Contact the OpenTP1 administrator if this error occurs repeatedly after the corrective action is taken.

Countermeasures:

Reason code	Meaning	Countermeasure
1	XATMI cannot participate in the transaction. The transaction service is not likely to identify the XATMI.	Link the UAP to the transaction control object file available for the XATMI.
2	The transaction service rejected extension of the transaction branch. An attempt was probably made to generate a transaction branch beyond the maximum value.	Increase the value of the trn_crm_max_subordinate_count of the transaction service definition.

KFCA03761-E

```
"cannot continue processing because serious error occurred.
service name: aa....aa internal reason code=bb....bb"
```

aa...aa: Service name

bb...bb: Internal reason code

Reason code	Meaning
1	The transaction cannot be determined due to a communication error.
2	An error occurred during determination of the transaction.

S: Halts processing and recovers the transaction branch as required.

KFCA03770-E (E)

```
an error occurred during command execution. reason code=aa....aa
```

Execution of the XATMI command failed.

aa...aa: Reason code

1: Internal error

2: Cannot obtain any transaction information. The system may not have started or it may not have identified XATMI.

3: Memory error. Cannot allocate the memory needed for command execution.

4: Authentication of command execution failed.

S: Stops command processing.

O: Eliminate the error according to the reason code, and then retry. Contact the maintenance personnel for reason code 1.

KFCA03771-I (S)

`no appropriate data exists.`

XATMI does not have an undetermined transaction.

S: None.

O: None.

KFCA03780-E

`cannot send communication event. event code: ` *aa....aa* ` reason code=` *bb....bb*

The communication event cannot be sent to the communication event processing SPP.

aa...aa: Event code

ASO CONNECT: Association establishment report

ASO DISCONNECT: Association normal release report

ASO FAILURE: Association abnormal release report

bb...bb: Reason code that indicates the contents of the error

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA03781-E

`cannot send communication event. event code: ` *aa....aa* ` reason: ` *bb....bb*

The communication event cannot be sent to the communication event processing SPP.

aa...aa: Event code

ASO CONNECT: Association establishment report

ASO DISCONNECT: Association normal release report

ASO FAILURE: Association abnormal release report

bb...bb: Reason

SERVICE GROUP NOT UP: The communication event processing SPP is inactive.

SERVICE CLOSED: The communication event processing SPP is shut down, or the service is shut down in the communication event processing SPP of the event code.

OpenTP1 NOT UP: OpenTP1 of the node that contains the communication event processing SPP is inactive.

S: Continues processing.

O: Take action according to the reason.

KFCA03790-W

```
length of user message exceeds the limits. limits=aa....aa length
of user message=bb....bb
```

aa...aa: Maximum length of user message that can be sent

bb...bb: Specified user message length

S: Makes the function return due to the error. The service function is not executed.

Countermeasure: Specify a value not more than the *aa...aa* value for the user message length.

KFCA03791-W

```
length of encoded message exceeds the limits. length of encoded
message=aa....aa
```

aa...aa: Length of encoded message

S: Makes the function return due to the error. The service function is not executed.

Countermeasure: Specify a value not less than the *aa...aa* value for the definition of the TP1/NET/OSI-TP-Extended message send buffer length.

KFCA03792-W

```
encountered unexpected value when message is encoded.
```

The user message cannot be encoded because it contains characters that cannot be encoded.

S: Makes the function that sends the user message return due to the error.

Countermeasure: Do not send characters that could not be encoded.

KFCA03793-W

```
encountered unexpected value when message is decoded.
```

The user message cannot be decoded because it contains characters that cannot be decoded.

S: Makes the function that receives the user message return due to the error.

Countermeasure: Do not send characters that could not be encoded.

KFCA03794-E

```
"serious error occurred then cannot continue. service name:
```
aa....aa `internal reason code=`*bb....bb*`"`

aa...aa: Service name

bb...bb: Internal reason code

Reason code	Meaning
1	Further processing is disabled due to a communication error.
2	An event preventing communication disconnected association.

S: Halts processing.

KFCA03900-E (E)

```
error occurred during internal processing (TRN_RM_DB_FILE could
not be opened).
```

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Set up TP1/LiNK again.

KFCA03901-E (E)

```
error occurred during internal processing (TRN_RM_DB_FILE could
not be read).
```

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Set up TP1/LiNK again.

KFCA03902-E (E)

```
error occurred during internal processing (open error in work
file)
```

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Set up TP1/LiNK again.

KFCA03903-E (E)

```
error occurred during internal processing (read error in work
file)
```

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Set up TP1/LiNK again.

KFCA03904-I (S)

```
usage: dcrsls [shm|sts]
```

This message indicates the dcrsls specification format. It is displayed when any one of the following is satisfied:

- -h (help message display) was specified for the command option.
- The specified command option or argument is invalid.

S: Stops the command processing if the command usage is incorrect.

O: If the command usage is incorrect, determine the correct usage, then re-execute the command.

KFCA03905-E (E)

```
insufficient memory.
```

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the system operation status, then re-execute the command.

KFCA03906-E (E)

```
parameter is invalid. input it correctly.
```

An argument or the number of options specified in the dcrsls command is invalid. Alternatively, the specified argument is invalid.

S: Stops command processing.

O: If the command usage is incorrect, determine the correct usage, then re-execute the command.

KFCA03909-E (E)

```
shared memory usage exceeded specified maximum.
```

The shared memory usage, automatically calculated by TP1/LiNK, exceeded the specified maximum value.

S: Suspends processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Make the static and dynamic shared memory estimates equal to or less than1945600K bytes.

KFCA03920-E (E)

```
the specified command argument is invalid.
```

A command argument or the number of options specified by the dcsysset or dcsysls command is invalid, or the specified value is invalid.

S: Stops command processing.

O: Check the command usage, then re-execute.

KFCA03921-I (S)

```
usage: dcsysset {-s[sys|trn]|-u user server name}
```

This message indicates the dcsysset specification format. It is displayed when any one of the following is satisfied:

- -h (help message display) was specified for the command option.
- The specified command option or argument is invalid.

S: Stops command processing if the command usage is incorrect.

O: If the command usage is incorrect, determine the correct usage, then re-execute the

command.

KFCA03922-E (E)

```
there is no access right for the system file.
```

There is no access right for the file in which the TP1/LiNK execution environment is set.

S: Stops command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Set up TP1/LiNK again

KFCA03923-E (E)

```
specified value is invalid.
```

The input name cannot be set.

S: Repeatedly displays the input request until a valid name is entered.

O: Determine the correct command usage, then re-execute.

KFCA03924-E (E)

```
specified user server name cannot be used.
```

The specified name does not satisfy the user server name conditions or it is an unspecifiable name.

S: Stops command processing.

Countermeasure: Specify an appropriate user server name, then re-execute the command. If there is an invalid file or directory, delete it, then execute the command.

KFCA03925-E (E)

```
specified name is already set.
```

Addition is permitted. However, a name which has already been set is specified.

S: Repeatedly displays the input request until a valid name is entered.

O: Determine the correct usage, then re-execute.

KFCA03926-E (E)

```
specified name is not set.
```

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The name which was specified is allowed to be deleted. However, a name which is not set was specified.

S: Repeatedly displays the input request until a valid name is entered.

O: Determine the correct usage of the command, then re-execute.

KFCA03927-E (E)

```
memory shortage.
```

A memory shortage occurred during command processing.

S: Stops command processing.

Countermeasure: Reduce the number of processes active within the system, then re-execute the command. If this error recurs, contact your Hitachi customer engineer.

KFCA03928-I (S)

```
usage: dcsysls {-s[sys|trn]|-u [user server name]}
```

This message indicates the dcsysls specification format. It is displayed when any one of the following is satisfied:

- -h (help message display) is specified for the command option.
- The specified command option or argument is invalid.

S: Stops command processing if the usage of the command is invalid.

O: If the usage of the command is incorrect, determine the correct usage, then re-execute the command.

KFCA03929-E (E)

```
the specified user server name is not set.
```

A user server name which has not been set is specified. No command execution result is displayed.

S: Stops command processing.

O: Check the user server name, then re-execute the command.

KFCA03950-E (E)

```
statistical information collection function are not in use.
```

The environment setting of TP1/LiNK does not specify collecting statistics. Therefore, the operation for collecting or edit-outputting TP1/LiNK statistics failed.

S: Stops processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check if the environment setting of TP1/LiNK specifies collecting statistics. If it does not, specify it and restart TP1/LiNK.

KFCA03960-E

```
the usage of the command is wrong. usage: dcsetup [-d]
```

The dcsetup command is used incorrectly.

S: Stops processing.

O: Check the command usage and execute the command again.

KFCA03961-I

```
the previous execution environment remains as is. do you want to
assume that environment?
```

This message indicates whether the previous execution environment is assumed for a setup.

S: With y chosen, the previous execution environment is assumed for a setup. With a non-y character chosen, the default execution environment is used for a setup.

KFCA03962-I

```
the previous environment is assumed.
```

The previous execution environment is assumed for a setup.

KFCA03963-I

```
the previous environment is not assumed.
```

The previous execution environment is not assumed but the default execution environment is used for a setup.

KFCA03964-E

```
no persons other than the OpenTP1 administrator are allowed to
execute the setup command.
```

Someone other than the OpenTP1 administrator has attempted to execute the setup command. Nobody other than the OpenTP1 administrator is allowed to execute the setup command.

S: Stops processing.

O: Contact the OpenTP1 administrator.

KFCA04100-I

`now preparing for archive journal service. run ID=`*aaaaaaaa*

aaaaaaaa: Run ID (eight hexadecimal numbers)

KFCA04101-I

`now recovering archive journal service. run ID=`*aaaaaaaa*

aaaaaaaa: Run ID (eight hexadecimal numbers)

KFCA04102-I

`archive journal service started.`

Startup or restart processing for the archive journal service is completed.

KFCA04103-E

`cannot start archive journal service. reason code=`*aaaa*

An error occurred during the startup or restart processing for the archive journal service.

aaaa: Reason code indicating the contents of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

S: Terminates OpenTP1 abnormally.

Countermeasure: Investigate the cause that prevents the archive journal service from starting or restarting according to the reason code, and take countermeasures. Then, restart OpenTP1.

Reason code	Meaning	Countermeasure
101	Insufficient memory	Check the memory capacity.
103	Network failure	Recover the system from the failure and restart it.
114	There is no free area in the message queue ID table in the system.	Re-configure the kernel. Change the maximum allowable number of message queues specified in the system parameter. For details, see the relevant OS documentation.

562

Reason code	Meaning	Countermeasure
405	An error is detected during definition analysis processing.	Check and correct the definition file. Then, restart the system. Message KFCA002xx shows details of the error.
411	Specification of -a option in the jnladdpf definition command is invalid. • -a option is not specified.	Stop the system, if required, correct the definition, and restart the system.
503	An error occurred during I/O processing of the status file.	Investigate the cause of the error, correct the error, and restart the system.
504	An error occurred while starting the journal file service process or journal command service process.	

KFCA04104-W

```
cannot recover previous archive journal service conditions
referring to status file; continues restart processing without
status file. reason code=aaaa
```

aaaa: Reason code indicating the details of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

Countermeasure: Take countermeasures according to the reason code.

Reason code	Meaning	Countermeasure
502	No previous online conditions exist in the status file. Probable cause of the error is that an error occurred while writing the status during previous startup.	--
503	An error occurred during I/O processing of the status record.	If restarting fails, follow the instruction shown by the status service message (KFCA010xx) that was output before this message.

Legend: --: Not applicable

KFCA04105-I

```
now terminating archive journal service.
```

KFCA04106-I

```
archive journal service terminated.
```

KFCA04108-W

```
error occurred while terminating archive journal service;
continues processing. reason code=aaaa
```

aaaa: Reason code indicating the contents of the error. (Up to four numerals)

The table below shows the reason codes and countermeasures.

Countermeasure: Take countermeasures if required according to the reason code.

Reason code	Meaning	Countermeasure
101	Insufficient memory	Check the memory capacity for the next startup.
103	Network failure	Recover the system from the network failure for the next startup.
503	An error occurred during I/O processing of the status file.	Investigate the cause of error and take countermeasures for the next startup.

KFCA04109-W

```
minor error occurred while analyzing definitions for archive
journal service.file being analyzed: aaaaaaaa,record
number=bb....bb,reason code=cccc
```

aaaaaaaa: File being analyzed

bb...bb: Record number for which an error occurred (Up to ten numerals)

cccc: Reason code indicating the contents of the error. (Up to four numerals)

408: The `jnladdfg` definition command has either of the following errors:

- The `-g` option is not specified.
- The file group name duplicates.

409: The specification of the `-g` option in the `jnladdpf` definition command has either of the following errors:

- The `-g` option is not specified.
- The file group is not defined with `jnladdfg`.

410: The specification of the `-e` option in the `jnladdpf` definition command has

either of the following errors:

- The `-e` option is not specified for distribution.
- The element file name duplicates.

411: The `-a` option is not specified in the `jnladdpf` definition command.

412: The specification of the `-b` option in the `jnladdpf` definition command has either of the following errors:

- The `-b` option is not specified (when a duplicated journal is specified).
- The physical file name duplicates.

413: The number of `jnladdfg` definitions exceeds the maximum limit. The `jnladdfg` definitions that caused the definition error are not counted.

415: Two or more `jnladdpf` definition commands have the same file group name.

421: There are two or more `jnldfsv` commands. The `jnldfsv` command indicating the record number of this message is ignored.

S: Continues startup or restart processing of the archive journal service, ignoring the `jnladdfg` or `jnladdpf` definition command definition statement in which an error occurred; i.e., operates assuming that no definition statement exists.

Countermeasure: Check the definition for archive journal service. Stop the system, if required, correct the definition, and then restart the system.

KFCA04110-E

```
major error occurred while analyzing definitions for archive
journal service.file being analyzed: aaaaaaaa,record
number=bb....bb,reason code=cccc
```

aaaaaaaa: File name being analyzed

bb...bb: Record number for which an error occurred (Up to ten numerals)

cccc: Reason code indicating the contents of the error. (Up to four numerals)

411: The `-a` option is not specified in the `jnldfsv` definition command.

S: Terminates OpenTP1 abnormally after analyzing definitions completed.

Countermeasure: Check the definitions for the archive journal service, and restart OpenTP1.

KFCA04112-I

```
system waiting for aaaaaaaa@bbbb disconnection.
```

aaaaaaaa: Name of the currently connected resource group (identifier of up to eight digits)

bbbb: Identifier of the currently connected OpenTP1 node (identifier of up to four digits)

KFCA04113-E

```
termination processing is suspended because a journal service is
in planned termination.
```

KFCA04114-E (S)

```
undisconnected journal services exist. waited for aaaa seconds
but cancels termination.
```

aa...aa: Time for which the system waited (up to four digits)

KFCA04117-I

```
archive journal command service started.
```

KFCA04118-I

```
archive journal command service terminated.
```

KFCA04121-E

```
error occurred during connection processing from aaaaaaaa@bbbb.
reason code=cccc
```

Error occurred during archiver connection processing.

aaaaaaaa: Name of the resource group which requested connection. (Identifier of up to eight digits)

bbbb: Identifier of the node which requested the connection (Identifier of up to four digits)

cccc: Reason code indicating the contents of the error

　　Reason codes are listed in the table below.

O: Proceed as indicated in the reason code list.

Reason code	Meaning	Operator action	OpenTP1 administrator action
101	The system terminates due to a memory shortage. Possible causes are as follows: • Processes that use large amounts of memory are running in parallel. • The amount of installed real memory is insufficient for the system's requirements.	Using a command provided by the OS, identify which process is using a large amount of memory.	Re-estimate the required amount of memory.
103	The system terminates because a network error occurred. Possible causes are as follows: • The process which provides services went down. • The name server went down.	Reactivate the system.	--
105	The system terminates due to a time-out error. Possible causes are as follows: • The max_socket_descriptors value of the system journal service definition file is too small. • The system cannot perform processing because the machine load is too heavy.	Using a command provided by the OS, check the machine load. If the machine load is too heavy, reduce the load, then reactivate the system.	Check the system journal service definition file, then confirm that the max_socket_descriptors value is appropriate.
2001	The connection request cannot be accepted because the number of journal services for which connection is requested exceeds the maximum number of journal services that can be connected.	--	Check that the number of journal services to be connected to a single archive resource group does not exceed the maximum number of journal services that can be connected. If the maximum number is exceeded, re-design the system configuration.

Reason code	Meaning	Operator action	OpenTP1 administrator action
2002	There is insufficient shared memory.	--	Re-estimate the amount of shared memory.

Legend: --: Not applicable

KFCA04122-E

error occurred during archiver disconnection processing from *aaaaaaaa@bbbb*. reason code=*cccc*

An error occurred during archiver disconnection processing.

aaaaaaaa: Name of the resource group which requested the disconnection (identifier of up to eight digits)

bbbb: Identifier of the node which requested the disconnection (identifier of up to four digits)

cccc: Reason code indicating the contents of the error

The reason codes are listed in the table below.

O: Proceed as indicated in the reason code list.

Reason code	Meaning	Operator action	OpenTP1 administrator action
101	The system terminates due to there being insufficient memory. Possible causes are as follows: • Processes that use large amounts of memory are running in parallel. • The amount of installed real memory is insufficient for the system's requirements.	Using a command provided by the OS, identify which process is using a large amount of memory. Wait for the process to terminate or stop the process, then reactivate the system.	Re-estimate the required amount of memory.

Reason code	Meaning	Operator action	OpenTP1 administrator action
103	The system terminated because a network error occurred. Possible causes are as follows: • The process which provides services went down. • The name server went down.	Reactivate the system.	--
105	The system terminated due to a time-out error. Possible causes are as follows: • The `max_socket_descriptors` value set for the system journal service definition file is too small. • The system cannot perform processing because the machine load is too heavy.	Using a command provided by the OS, check the machine load. If the machine load is too heavy, reduce it, then reactivate the system.	Check the system journal service definition file, then confirm that the max_socket_descriptors value is appropriate.

Legend: --: Not applicable

KFCA04127-I (E+S)

```
usage: jnlarls [-z]
```

This message shows the correct usage of the jnlarls command. It is output when the command format is incorrect.

KFCA04128-I (E+S)

```
usage: jnladdpf -j cpd -g file group name [-a physical file name]
[-b physical file name]
```

This message shows the correct usage of the jnladdpf command. It is output when the operation command format is incorrect.

KFCA04129-I (E+S)

```
usage: jnldelpf -j cpd -g file group name [-a] [-b]
```

This message shows the correct usage of the jnldelpf command. It is output when the operation command format is incorrect.

KFCA04130-I

archive service of *aaaa*(*bbbbbbbb*) journal started.

aaaa: Type of the journal file service to be archived (Up to four alphanumeric characters)

> sys: System journal file

bbbbbbbb: Resource group name of journal file to be archived. (Identifier of up to eight digits)

KFCA04131-I

archive service of *aaaa*(*bbbbbbbb*) journal terminated.

aaaa: Type of the journal file service to be archived. (Up to four alphanumeric characters)

> sys: System journal file

bbbbbbbb: Resource group name of the journal file to be archived. (Identifier of eight digits)

KFCA04132-E

archive service of *aaaa*(*bbbbbbbb*) journal is canceled. reason code=*cccc*, canceled position=*dd...dd*, *ee...ee*

The archive service was suspended because an error occurred during journal archive servicing or archive service start processing.

aaaa: Type of journal file service to be archived. (String of up to four alphanumeric characters)

> sys: System journal file

bbbbbbbb: Resource group name of journal file to be archived. (Identifier of up to eight digits)

cccc: Reason code indicating the details of the error

> The reason codes are listed in the table below.

dd...dd: Generation number of the file for which transmission was canceled (up to eight hexadecimal numbers)

ee...ee: Number of the block for which transmission was canceled (up to eight

hexadecimal numbers)

S: Suspends the archive service and continues the online processing.

O: Proceed as indicated in the reason code list.

Reason code	Meaning	Operator action	OpenTP1 administrator action
116	Failed to re-create the message queue.	Re-configure the kernel by changing the maximum allowable number of message queues specified in the system parameter.	For details, see the relevant OS documentation.
1601	A journal block read error occurred. Possible causes are as follows: • A file group containing an untransferred journal file was overwritten. • A file group containing an untransferred journal is closed. • An I/O error occurred.	Use the journal on the node until the next time the archive service is started normally.	--
2010	Recognition mismatch occurred with the connected archive node.	--	--

Legend: --: Not applicable

KFCA04133-W

aaaa(*bbbbbbbb*) journal cannot be connected to the archiver(*cccccccc@dddd*). reason code=*eeee*

Connection to the archiver failed during archive service start processing.

aaaa: Type of the journal file service to be archived. (String of up to four alphanumeric characters)

   sys: System journal file

bbbbbbbb: Resource group name of journal file to be archived. (Identifier of up to eight digits)

cccccccc: Name of archive destination resource group to which connection was attempted. (Identifier of up to eight digits)

dddd: Identifier of archive destination node to which connection was attempted. (Identifier of up to four digits)

eeee: Reason code indicating the contents of the error

The reason codes are listed in the table below.

S: Continues the online processing without starting the archive service.

O: Proceed as indicated in the reason code list.

Reason code	Meaning	Operator action	OpenTP1 administrator action
`113`	The archive service was abandoned because the relevant system terminated.	--	--
`427`	Both of the following conditions were satisfied: • The value of the `jnl_arc_max_datasize` operand in the archive journal service definition is smaller than the value of the `jnl_arc_max_datasize` operand in the system journal service definition. • The buffer size is smaller than the value specified in the `jnl_max_datasize` operand in the system journal service definition.	Correct the value of the `jnl_arc_max_datasize` operand in the archive journal service definition for the archive node. After the correction, restart the archive source node and the archive node.	--

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Reason code	Meaning	Operator action	OpenTP1 administrator action
1301	The archive service was abandoned because there is no archive resource group to be connected.	Modify the system journal service definition. Operate the journal in the relevant node until processing restarts normally.	Check that there is no error in `jnl_arc_node` of the system journal service definition and whether the system configuration is correct.
2001	The archive service was abandoned because the number of archives to be connected exceeded the maximum number of archives that can be connected.		
2002	The archive service was abandoned because there is insufficient shared memory in the archiver to be connected.		Re-estimate the amount of shared memory needed by the archiver to be connected.
2003	The archive service was abandoned because its version does not match that of the archiver to be connected.		Check which versions of the archiver can be connected, then check whether the version of the system to be connected is supported. If the version cannot be connected, change the system as far as is possible.
2004	The associated run already suspended the archive service.		--
2006	A connection attempt was made at a specified time. However, connection failed and the archive service was abandoned.	Modify the system journal service definition. Operate the journal in the relevant node until processing restarts normally.	--

Legend: --: Not applicable

KFCA04134-E

aaaa(*bbbbbbbb*) journal failed to communicate with archiver (*cccccccc@dddd*). reason code=*eeee*

An error occurred during communication with the archiver.

aaaa: Type of the journal file service to be archived. (String of up to four alphanumeric characters)

sys: System journal file

bbbbbbbb: Name of the journal file resource group to be archived. (Identifier of up to eight digits)

cccccccc: Name of the archive destination resource group which is performing communication. (Identifier of up to eight digits)

dddd: Identifier of the archive destination node which is performing communication. (Identifier of up to four digits)

eeee: Reason code indicating the contents of the error

Reason codes are listed in the table below.

S: Attempts communication again after waiting for a given period.

O: Proceed as instructed in the reason code list.

Reason code	Meaning	Operator action	OpenTP1 administrator action
101	A memory shortage occurred.	--	--
103	A network error occurred. Possible causes are as follows: • Hardware error in an Ethernet board or cable • Network definition error • The connection destination node is not being executed. Alternatively, the OpenTP1 system is not being executed in that node.	Examine the cause by applying the following procedure and take appropriate action: (1)Check the connection status of the node by using an operating system command. (2)Check the execution status of the connection destination node by using an OpenTP1 command.	--
105	A time-out occurred during communication with the archiver.	--	--
112	• Specification error in the network definition • The OpenTP1 system at the connection destination node is not being executed.	Examine the cause by applying the following procedure and take appropriate action: (1)Check the connection status of the node by using an operating system command. (2)Check the execution status of the connection destination node by using an OpenTP1 command.	--

Reason code	Meaning	Operator action	OpenTP1 administrator action
2004	Communication with the archiver cannot be accepted because the relevant run already suspended the archive service.	--	--
2005	Communication with the archiver is not possible because the relevant run is performing disconnection processing.	--	--

Legend: --: Not applicable

KFCA04135-E

cannot start transmit service of *aaaa* (*xx...xx*) journal file. reason code=*bbbb*

aaaa: Type of the journal file service to be archived. (String of up to four alphanumeric characters)

    sys: System journal file

xx...xx: Name of the journal file resource group name to be archived. (Identifier of up to eight digits)

bbbb: Reason code that indicates the contents of the error

S: Terminates OpenTP1.

O: Proceed as instructed in the reason code list.

    Then, reactivate OpenTP1

Reason code	Meaning	Countermeasure
101	A memory shortage occurred.	Check the amount of memory being used.
103	A network error occurred.	Recover the error, then reactivate the system.
114	The message queue ID table in the system does not have a free area.	Re-configure the kernel by changing the maximum allowable number of message queues specified in the system parameter. For details, see the relevant OS documentation.

Reason code	Meaning	Countermeasure
405	An error was detected during definition analysis.	Check the definition file, set it correctly, then reactivate the system. For details of the error, refer to the contents of message KFCA002xx.

KFCA04136-W

error occurred while terminating transmit service of *aaaa* (*xx...xx*); continues processing. reason code=*bbbb*

aaaa: Type of the journal file service to be archived. (String of up to four alphanumeric characters)

    sys: System journal file

xx...xx: Resource group name of the journal file to be archived. (Identifier of up to eight digits)

bbbb: Reason code that indicates the contents of the error

S: Continues the termination processing. (Even if this message is output, the next journal service starts normally.)

O: Check the reason code list. If necessary, take appropriate action.

Reason code	Meaning	Countermeasure
101	A memory shortage occurred.	Check the amount of memory being used.
103	A network error occurred.	Recover the error, then reactivate the system.

KFCA04137-E

recognition mismatch with *cccccccc@dddd* occurred in the *aaaa*(*bbbbbbbb*) journal.

aaaa: Type of the journal file service to be archived (String of up to four alphanumeric characters)

bbbbbbbb: Resource group name of the journal file to be archived (String of up to eight alphanumeric characters)

cccccccc: Resource group name of the archive destination

dddd: OpenTP1 node ID of the archive destination (Identifier of up to four digits)

S: Stops the archive service and continues online processing.

O: Use the journal on the node until the next time the archive service is started normally.

KFCA04138-E

communication with *aaaaaaaa@bbbb* failed. reason code=*ccc*

aaaaaaaa: Name of resource group being connected. (Identifier of up to eight digits)

bbbb: Identifier of OpenTP1 node being connected. (Identifier of up to four digits)

ccc: Reason code

The reason codes are listed in the table below.

O: Proceed as indicated in the reason code list.

Reason code	Meaning	Operator action
101	A memory shortage occurred.	--
103	A network error occurred. Possible causes are as follows: • Hardware error in an Ethernet board or cable, etc. • The network definition is invalid. • The connection destination node is not being executed or the OpenTP1 system is not being executed in that node.	Examine the cause by applying the following procedure, then take appropriate action: (1)Check the connection status of the node using an operating system command. (2)Check the execution status of the connection destination node by using the OpenTP1 command.
105	A time-out occurred during communication with the archiver.	--
112	• Specification error in the network definition • The OpenTP1 system at the connection destination node is not being executed.	Examine the cause by applying the following procedure, then take appropriate action: (1)Check the connection status of the node using an operating system command. (2)Check the execution status of the connection destination node using an OpenTP1 command.

Legend: --: Not applicable

KFCA04140-I

aaaaaaaa@bbbb performed connection.

aaaaaaaa: Name of the resource group which requested connection. (Identifier of up to eight digits)

bbbb: Identifier of the OpenTP1 node which requested connection. (Identifier of up to four digits)

KFCA04141-I

aaaaaaaa@bbbb `released connection. disconnection mode` *cc...cc*

aaaaaaaa: Name of the resource group which requested disconnection. (Identifier of up to eight digits)

bbbb: Identifier of the OpenTP1 node which requested disconnection. (Identifier of up to four digits)

cc...cc: Disconnection type (string of up to 16 alphanumeric characters)

terminate normal: Connection release upon normal termination

terminate plan: Connection release upon planned termination

service stop: Connection release upon service suspension

KFCA04142-I

`connection of` *aaaaaaaa@bbbb* `was recovered.`

aaaaaaaa: Name of the resource group for which the connection was recovered (identifier of up to eight digits)

bbbb: Identifier of the OpenTP1 node for which the connection was recovered (identifier of up to four digits)

KFCA04143-E (L+C+S)

`cannot start archive journal service` *aaaa*(*xx...xx*)`. reason code=`*bbbb*

An error occurred while starting or restarting the archive journal service.

aaaa: Journal file type (string of up to four alphanumeric characters)

xx...xx: Resource group name

bbbb: Reason code of the error (number of up to four digits)

The countermeasures according to the reason code are shown in the table below.

S: Does not start the archive journal service of the connection requester. If the archive journal service is being restarted, stops restarting OpenTP1.

O: Refer to the reason code list, take appropriate action, then restart OpenTP1.

Reason code	Meaning	Countermeasure
101	A memory shortage occurred.	Check the amount of memory being used.
103	A network error occurred.	Recover the error, then reactivate the system.
405	An error was detected during definition analysis.	Check the definition file, set it correctly, then reactivate the system. For details of the error, refer to the contents of message KFCA002XX.
503	An I/O error occurred on the status file.	Examine the cause of the error, correct the error, then reactivate the system.

KFCA04144-W (L+C)

```
error occurred while terminating archive journal service
aaaa(xx...xx) but continues processing. reason code=bbbb
```

aaaa: Journal file type (string of up to four alphanumeric characters)

xx...xx: Resource group name

bbbb: Reason code of the error (number of up to four digits)

The countermeasures according to the reason code are shown in the table below.

S: Continues termination.

O: Refer to the reason code list and take appropriate action.

Reason code	Meaning	Countermeasure
101	A memory shortage occurred.	Check the amount of memory being used.
103	A network error occurred.	Recover the error, then reactivate the system.

KFCA04146-I (E+S)

```
usage: jnlardis -a archive resource group name -t resource group
name@node ID [-p]
```

KFCA04147-I

```
journal aaaa(bbbbbbbb) is waiting for completion of archive
service.
```

aaaa: Type of the journal file service to be archived (String of up to four alphanumeric

characters)

sys: System journal file

bbbbbbbb: Resource group name of the journal file to be archived (String of up to eight alphanumeric characters)

KFCA04148-I

```
archive service of journal aaaa(bbbbbbbb) has not been completed
but continues processing. reason code=cccc, transmission
completion position=dd...dd, ee...ee
```

aaaa: Type of the journal file service to be archived (String of up to four alphanumeric characters)

bbbbbbbb: Resource group name of the journal file to be archived (String of up to eight alphanumeric characters)

cccc: Reason code (Number of up to four digits)

The countermeasures according to the reason code are shown in the table below.

dd...dd: Generation number of the file for which transmission was completed (Up to eight hexadecimal numbers)

ee...ee: Number of the block for which transmission was completed (Up to eight hexadecimal numbers)

S: Stops the archive service and continues system termination.

O: Refer to the reason code list and take appropriate action.

Reason code	Meaning	Countermeasure
2008	Data transfer was not completed. The possible causes are: • Data transfer amount was vast and all the data could not be transferred within the specified time. • Error occurred on hardware such as Ethernet board or cable. • Failed OpenTP1 node at archive destination is not restarted or was started normally.	• Unload the untransferred journal. If the system has terminated normally, transfer the unload data to the archive node and merge it with the unload journal in the archive journal. • Examine the cause by applying the following procedure and take appropriate action: 1. Check the connection status of the node by using an operating system command. 2. Check the OpenTP1 node status at archive destination by using an OpenTP1 command. 3. Check the status of the connected node by using the jnlarls command on the OpenTP1 node at the archive destination.
2009	Connection with archive node could not be canceled.	Take action according to previously output message *KFCA04138-E*.

KFCA04150-I

aa...aa was assigned as current file group of journal file.

The file for acquiring TP1/LiNK history information was allocated.

aa...aa: Name of the allocated file (string of up to 12 alphanumeric characters)

KFCA04151-I

aa...aa was released from the journal file.

The *aa...aa* file was released because the file used to acquiring TP1/LiNK history information was changed.

aa...aa: Name of the allocated file (string of up to 12 alphanumeric characters)

KFCA04152-E

error occurred during access to *aa...aa* journal file. reason code=*bbbb-cc*

A fault arose while accessing the file used for acquiring TP1/LiNK history information.

aa...aa: Name of the file where the fault arose (string of up to 12 alphanumeric characters)

bbbb: Reason code (number of up to four digits)

    The reason codes and corresponding countermeasures are listed in the following table.

cc: Internal code of TP1/LiNK

S: Terminates TP1/LiNK abnormally.

O: Refer to the reason code list, take appropriate action, then restart TP1/LiNK.

Reason code	Meaning	Countermeasure
303	The internal file of TP1/LiNK could not be opened.	Contact your Hitachi customer engineer.
305	A fault arose while writing to the internal TP1/LiNK file.	

KFCA04156-I (S)

display journal status for reading journal file

Because the OpenTP1 system is not online, the journal file is read to indicate the journal information.

KFCA04160-I

aaaaaaaa bbbb cccccccc dddddddd efghijk llllllll mmmmmmmm nnnnnnnn

aaaaaaaa: file group name

bbbb: Journal file type (Up to 4 alphanumeric characters)

> `sys`: System journal file

> `jar`: Archive journal file

cccccccc: Resource group name

> When journal file type is `sys`:

>> File name of the system journal service definition specified with the -r option of the jnldfsv command in the definition for the journal service.

> When journal file type is `jar`:

>> File name of the archive journal service definition specified with the `-a` option of the `jnldfsv` command in the definition for the global archive journal service.

dddddddd: Generation number (hexadecimal)

e: Whether the file group is opened

> `o`: Open (Element files composing the file group are opened.)

> `c`: Close (Element files composing the file group are closed.)

f: Status of the file group

> `c`: Current[#1] (The file group consists of valid element files, and is currently the subject of journal output.)

> `s`: Standby (The file group consists of valid element files, but is not currently the subject of journal output.)

> `n`: Reserved (The file group does not consist of valid element files.)

g: Unload status[#2] of the file group

> `u`: Unload wait status (The current file group was swapped to stand by, and contains journals that need to unload.)

> `-`: Unloaded

h: Whether the file group allows overwriting

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d: Cannot overwrite. (The file group contains the journal needed for system recovery.)

-: Can overwrite. (The file group does not contain the journal needed for system recovery.)

i: File group status in OpenTP1

b: In use with the jnlunlfg or jnlchgfg command, or for recovery processing.

-: Not in use with the jnlunlfg or jnlchgfg command, or for recovery processing.

j: Inconsistency in the file group

c: Management information in the journal file of the element file remains current due to an error that occurred when the file was current.

For example, this happens in the file that was current in the past when a journal output error occurred.

-: The file was current in the past, and processed correctly.

k: Archived status of the file group[#2]

u: Waiting for archiving. (The file group using the multi-node contains the journal not output to the archive journal file.)

-: Archived

llllllll: Run ID (hexadecimal run ID of the journal service or global archive journal service when using the file)

mmmmmmmm: First block number (hexadecimal)

nnnnnnnn: Last block number (hexadecimal)

#1: The status of the file group may be invalid when the *KFCA01256-E* message appears during startup of OpenTP1. If this happens, the status display only indicates a temporary current file, not a real one.

#2: u always appears for the following file group: For the system journal file not using the multi-node: Archive journal file

KFCA04191-E

```
error occurred while reading journal.
```

aaaa: File group name involving the failure. But ******** is shown as the file group name if the reason code is 101, 110, 405, or 701 (because no actual reading may sometimes fail).

bbbb: Reason code

The reason code and action list is given below.

cc: OpenTP1 internal code

S: Discontinues the journal input.

O: Take corrective action in accordance with the reason code list.

Countermeasure: Take corrective action in accordance with the reason code list.

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
101	The memory is running short.	Wait until the process underway terminates and execute the command again.	Estimate the memory use again.
103	A network failure has occurred.	Examine the network failure for its cause and take corrective action.	--
105	A timeout has occurred.	Use the command provided by OpenTP1 to examine the network status.	--
107	A system call has resulted in an error.	Take corrective action according to the error message for the previous system call.	--
110	The corresponding system's execution environment does not work.	Review the corresponding system's execution environment.	--
115	The journal file has been found to contain invalid data.	Disconnect the corresponding file group from OpenTP1.	--
403	The definition file has encountered an open error.	Identify the cause according to the open error message for the previous definition file.	--
404	The analysis file has encountered an open error.		
405	An error was detected during definition analysis.	Review the definition file and correct the setting.	--
701	The corresponding file group is missing.	Use the jnlls command to check the file group condition.	--
710	The specified file group is current.		
1301	The corresponding resource group is missing.	Use the jnlls command to check the resource group condition.	--

Reason code	Meaning	Operator's action	OpenTP1 administrator's action
1601	The corresponding file group is not available.	Identify the cause referring to the previous message and take corrective action.	--
1602	The journal file has a missing block.	Contact the OpenTP1 administrator because the journal file may have been damaged.	Contact the maintenance personnel.
1603	The corresponding file group may involve a system overwrite.	--	--
1607	The corresponding file group cannot be used in the online state.	--	--

Legend: --: Not applicable

KFCA04601-E (E)

```
OpenTP1 stops because TP1/Multi is not installed
```

S: Stops.

O:

When using the multinode function

Install TP1/Multi, then reactivate OpenTP1.

When not using the multinode function

Specify N in the multi_node_option operand of the system common definition.

KFCA04602-E (E)

```
OpenTP1 stops because of version error.
```

A version mismatch occurred.

S: Stops.

O: Correct the version mismatch, then reactivate the system.

KFCA04603-I (S)

```
node aaaa: host bb...bb has started start processing.
```

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aaaa: Identifier of the OpenTP1 node which has started the start processing

bb...bb: Host name specified in the multinode physical definition for the OpenTP1 node which has started the start processing

S: Continues the start processing of the relevant OpenTP1 node.

KFCA04604-I (S)

```
node aaaa : host bb...bb entered online status.
```

aaaa: Identifier of the OpenTP1 node which entered the online status

bb...bb: Host name specified in the multinode physical definition for the OpenTP1 node which entered the online status

S: Continues processing of the relevant OpenTP1 node.

KFCA04605-W (S)

```
node aaaa : host bb...bb cannot be activated. cause: cc...cc
```

aaaa: Identifier of the OpenTP1 node which could not be activated

bb...bb: Host name specified in the multinode physical definition for the OpenTP1 node which could not be activated

cc...cc: Cause code indicating unsuccessful activation

NETDOWN: Network failure

START: Start processing

NOTUP: Communication is impossible due to one of the following causes:

- The node is not registered in the operating system (dcsetup command is not executed or re-executed).

- Multinode physical definition error (Node is not registered or error in host name or port number)

- Communication error (Host is turned off or network error occurred)

ONLINE: In online status

STANDBY: In standby status

STOP: Termination processing in progress

TIMEOUT: Timeout occurrence

INSTALL: N is specified in the multi_node_option operand of the system common definition for the relevant node, or TP1/Multi is not installed.

S: Terminates the start processing of the relevant node but continues processing for other nodes.

O: Remove the cause of the error, then reactivate OpenTP1.

NETDOWN: Determine the cause of the network failure.

INSTALL: Check that Y is specified in the multi_node_option operand of the system common definition for the environment in which TP1/Multi is installed. If TP1/Multi has not yet been installed, install it.

NOTUP: Check if the multinode physical definition is incorrect or a communication error has occurred. When the multinode physical definition is correct and no communication error has occurred, re-execute the dcsetup command.

KFCA04606-W (S)

```
start of node aaaa: host bb...bb could not be checked. status: cc...cc
```

aaaa: Node identifier whose start status could not be checked

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node whose start status could not be checked

cc...cc: Current node status

DOWN: Stop or down

START: Start processing in progress

NOTUP: Communication is impossible due to one of the following causes:

- The node is not registered in the operating system (dcsetup command is not executed or re-executed).

- Multinode physical definition error (Node is not registered or error in host name or port number)

- Communication error (Host is turned off or network error occurred)

STOP: Termination processing in progress

TIMEOUT: Timeout occurrence

CANNOT START: Start processing failed. To find out the cause, log in to the host where the faulty OpenTP1 node exists, then execute the dcstart command.

O: Examine the status of each node by using the dcndls command. If necessary, execute the start command again.

KFCA04607-I (S)

node *aaaa* : host *bb...bb* has started termination processing.

aaaa: Identifier of the OpenTP1 node which has started the termination processing

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node which has started the termination processing

S: Continues the termination processing of the relevant OpenTP1 node.

KFCA04608-I (S)

OpenTP1 of node *aaaa*: host *bb...bb* has stopped.

aaaa: Identifier of the OpenTP1 node which has stopped

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node which has stopped

S: Continues processing of the relevant OpenTP1 node.

KFCA04609-W (E)

cannot terminate node *aaaa*: host *bb...bb*. reason: *cc...cc*

aaaa: Identifier of the OpenTP1 node which could not be terminated

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node which could not be terminated

cc...cc: Cause code indicating unsuccessful termination

    NETDOWN: Network failure

    DOWN: Stop or down

    START: Start processing in progress

    NOTUP: No setup

    STOP: Termination processing in progress

    TIMEOUT: Timeout occurrence

    INSTALL: N is specified in the multi_node_option operand of the system common definition for the relevant node, or TP1/Multi is not installed.

S: Terminates the termination processing for the relevant node but continues processing for other nodes.

O: Remove the cause of the error, then terminate OpenTP1 again.

NETDOWN: Examine the cause of the network failure.

INSTALL: Check that Y is specified in the multi_node_option operand of the system common definition for the environment in which TP1/Multi is installed. If TP1/Multi has not yet been installed, install it.

NOTUP: Check if the multinode physical definition is incorrect or a communication error has occurred. When the multinode physical definition is correct and no communication error has occurred, re-execute the dcsetup command.

KFCA04610-W (S)

```
stop of node aaaa: host bb...bb could not be checked. status: cc...cc
```

aaaa: Identifier of node whose stop status could not be checked

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node whose stop status could not be checked

cc...cc: Current node status

START: Start processing in progress

NOTUP: It is impossible to communicate because of any one of the following statuses:

- Node setup is necessary.

  (dcsetup not yet executed, dcsetup re-execution required)

- Multinode physical definition error (node unregistered, invalid host name or port number)

- Communication error (host power not turned on, network failure)

ONLINE: In online status

STOP: Termination processing in progress

TIMEOUT: Timeout occurrence

CANNOT STOP: The termination processing failed. To determine the cause of the failure, perform login for the host having the OpenTP1 node where the problem occurred, then execute the dcstop command.

O: Examine the status of each node by using the dcndls command. If necessary, execute the stop command for the relevant node.

KFCA04611-I (S)

```
node status subarea host
```

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This message indicates the output header of dcndls.

KFCA04613-E (E)

```
invalid command argument. cause: aa...aa
```

An argument specified with a command is invalid.

aa...aa: Cause code

INVALID SUB AREA: An error occurred in the specified subarea identifier.

INVALID NODE: An error occurred in the specified node identifier.

NODE DUPLICATED: The specified node identifier is duplicated.

S: Terminates the command.

O: Determine the cause from the cause code, remove the cause, then re-enter the command correctly.

KFCA04614-W (S)

```
termination monitoring time for node aaaa: host bb...bb expired.
cancels monitoring.
```

aaaa: Node identifier

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node for the node ID

S: Stops monitoring the OpenTP1 node. The node continues termination processing.

O: The OpenTP1 node whose monitoring was canceled continues termination processing but the termination processing may hang up. Examine the reason why the OpenTP1 node cannot be terminated and take an appropriate action, if necessary.

KFCA04615-E (E)

```
error detected during definition analysis file name: aa...aa line
bb...bb cause: cc...cc
```

aa...aa: Name of the definition file in which the error occurred

bb...bb: Line in which the error occurred

cc...cc: Cause code

INVALID AREA: An invalid multinode area identifier was specified.

dcmarea SYNTAX: A syntax error occurred in the dcmarea definition command.

TOO MANY NODE: The number of nodes exceeds the upper limit.

INVALID NODE LENGTH: An invalid node identifier was specified.

dcprcport SYNTAX: A syntax error occurred in an incorrectly specified dcprcport definition command.

UNKNOWN HOST: The specified host is not registered.

S: Terminates the command.

O: Check the definition file based on the cause code, then correct it.

KFCA04616-E (E)

error occurred in multinode configuration definition. cause: *aa...aa*

aa...aa: Cause code

INVALID AREA RANGE: The specified node is not within the multinode area, or there is no multinode configuration definition file.

NODE DUPLICATED: The same node identifier appears two or more times in the same multinode area or subarea.

INVALID AREA: The area identifier is the same as the subarea identifier.

S: Terminates the command.

O: Check the multinode configuration definition, then set it correctly.

KFCA04617-E (E)

command specification does not match multinode configuration definition specification. cause: *aa...aa*

aa...aa: Cause code

SUB AREA NOT EXIST: The subarea identifier specified in the command is not defined in the multinode configuration definition.

NODE NOT EXIST: The node identifier specified in the command is not defined in the multinode configuration definition.

S: Terminates the command.

O: Check the command and the multinode configuration definition.

KFCA04618-I (S)

terminating node *aaaa*: host *bb...bb*.

This message is output at intervals of 30 seconds after execution of the dcmstop

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command.

aaaa: Node identifier

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node for the node ID

KFCA04619-W (S)

```
monitoring time for start processing of node aaaa: host bb...bb
expired. cancels the monitoring.
```

aaaa: Node identifier

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node for the node ID

S: Stops monitoring the OpenTP1 node. The node continues start processing.

O: The OpenTP1 node whose monitoring was canceled continues start processing but the start processing may hang up. Examine the reason why the OpenTP1 node cannot become online and take an appropriate action, if necessary.

KFCA04620-I (S)

```
starting node aaaa: host bb...bb.
```

This message is output at intervals of 30 seconds after execution of the dcmstart command.

aaaa: Node identifier

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node for the node ID

KFCA04621-E (E)

```
error occurred during execution of multinode function. cause:
aa...aa
```

aa...aa: Cause preventing execution of function

MEMORY: Memory shortage

INSTALL: TP1/Multi is not installed in the command input node. Or, the version does not match.

S: Terminates the command.

O:

MEMORY: Check that the real memory size and swap memory size of the OS are

sufficiently large.

INSTALL: Install a correct version of TP1/Multi.

KFCA04622-E (E)

error occurred in multinode physical definition. cause: *aa...aa*

aa...aa: Cause code

NODE DUPLICATED: The specified node identifier is duplicated.

HOST and PORT DUPLICATED: The specified host and port are duplicated.

S: Stops the command.

O: Check the multinode physical definition, then specify it correctly.

KFCA04625-I (S)

node *aaaa*: host *bb...bb* became standby status.

aaaa: Node identifier of the OpenTP1 node which entered the standby status

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node which entered the standby status

KFCA04626-I (S)

termination of standby status of node *aaaa*: host *bb...bb* started.

aaaa: Node identifier of the OpenTP1 node which has started the standby status termination processing

bb...bb: Host name specified in the multinode physical definition of the OpenTP1 node which has started the standby status termination processing

S: Continues the standby status termination processing of the OpenTP1 node.

Messages from KFCA05000 to KFCA06999

Message IDs KFCA05000 to KFCA06999 are assigned to messages that are output by UAPs that use the dc_logprint function.

Chapter

6. Messages from KFCA10000 to KFCA10999

This chapter describes messages from KFCA10000 to KFCA10999.

6.1 Messages from KFCA10000 to KFCA10999

6.1 Messages from KFCA10000 to KFCA10999

KFCA10101-E (E)

mmm `logical terminal` *aa...aa* `is not shut down. command=`*bb...bb*

mmm: MCF identifier

aa...aa: Specified logical terminal name

bb...bb: Command name

S: Invalidates this command.

O: Place the logical terminal in the shutdown state, and retry.

KFCA10102-E (E)

mmm `untransmitted data is not in send queue. command name=`*aa...aa* `logical terminal name=`*bb...bb* `type of send queue=`*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Specified logical terminal name

cc...cc: Specified type of send queue

S: Invalidates this command.

O: Use the status display command to check the status of the send queue.

KFCA10103-E (E)

mmm `specified logical terminal not shut down (or held). command name=`*aa...aa* `logical terminal name=`*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Logical terminal name

S: Invalidates this command.

O: Shut down or hold the logical terminal, then re-execute.

KFCA10104-W (E)

mmm `relevant logical terminal already held. command name=`*aa...aa* `logical terminal name=`*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Logical terminal name

S: Invalidates this command.

KFCA10105-W (E)

mmm `holding of relevant logical terminal already released. command name=`*aa...aa* `logical terminal name=`*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Logical terminal name

S: Invalidates this command.

KFCA10107-W (E)

mmm `MJ of logical terminal` *aa...aa* `is being acquired. command=`*bb...bb*

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Command name

S: Invalidates this command.

KFCA10108-W (E)

mmm `MJ acquisition for logical terminal` *aa...aa* `is being suspended. command=`*bb...bb*

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Command name

S: Invalidates this command.

KFCA10109-E

mmm `cannot terminate normally because of UAP not being committed.`

mmm: MCF identifier

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause that prevents the UAP from being committed. Otherwise, avoid activating the UAP during termination processing.

KFCA10110-E (E)

mmm `operation command cannot be accepted because a logical terminal is not shut down. command name=`*aa...aa* `connection ID=`*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Connection ID

S: Invalidates this command.

O: Shut down the logical terminal, then re-execute.

KFCA10111-E (E)

mmm `connection already switched. command name=`*aa...aa* `switching origin connection ID=`*bb...bb* `switching destination connection ID=`*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Switching origin connection ID

cc...cc: Switching destination connection ID

S: Invalidates this command.

O: Specify a valid name, then re-execute.

KFCA10112-E (E)

mmm `connection already returned to initial status. command name=`*aa...aa* `switching origin connection ID=`*bb...bb* `switching destination connection ID=`*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Switching origin connection ID

cc...cc: Switching destination connection ID

S: Invalidates this command.

O: Specify a valid name, then re-execute.

KFCA10114-E

mmm system cannot terminate because service group or logical terminal is being held. terminates abnormally.

mmm: MCF identifier

S: Terminates abnormally.

KFCA10115-E (E)

mmm configuration impossible for connection switching. command name=*aa...aa* switching origin connection ID=*bb...bb* switching destination connection ID=*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Switching origin connection ID

cc...cc: Switching destination connection ID

S: Invalidates this command.

O: Specify a valid name, then re-execute.

KFCA10116-I

mmm alternate sending of message starts. logical terminal name of alternate sending origin=*aa...aa* logical terminal name of alternate sending destination=*bb...bb*

mmm: MCF identifier

aa...aa: Logical terminal name of alternate sending origin

bb...bb: Logical terminal name of alternate sending destination

KFCA10117-I

mmm `alternate sending of message terminates. logical terminal name of alternate sending origin=`*aa...aa* `logical terminal name of alternate sending destination=`*bb...bb*

mmm: MCF identifier

aa...aa: Logical terminal name of the alternate sending origin

bb...bb: Logical terminal name of the alternate sending destination

KFCA10118-E

mmm `manager process identifier of MCF manager definition differs from that of MCF communication configuration definition. MCF communication configuration definition name=`*aa...aa* `manager process identifier in MCF communication configuration definition=`*b*

mmm: MCF identifier

aa...aa: Name of the MCF communication configuration definition object file

b: Manager process identifier in the MCF communication configuration definition

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Re-specify the following identifiers so that they match: manager process identifier (`mcfmenv -m id=*...`) in the MCF manager definition and the manager process identifier (`mcftenv -m *`) in the MCF communication configuration definition. Then, reactivate OpenTP1.

KFCA10119-I

mmm `MCF service terminates. subsequently, relevant remote MCF service cannot be used. MCF manager process identifier=`*a*

mmm: MCF identifier

a: MCF manager process identifier specified in the remote MCF service provider definition (`mcfrserv`) of the remote MCF manager definition

KFCA10120-I

mmm `status of the logical terminal recovered. logical terminal name=`*aa...aa* `status=`*bb...bb* *cc...cc*

The logical terminal was restored to the status it had the last time OpenTP1 ran, because the status inheritance definition (`mcftsts -l`) was specified.

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Input held or holding released

    NOH: Releases input holding.

    HLD: Holds the input.

cc...cc: Schedule held or holding released

    NOH: Releases schedule holding.

    HLD: Holds the schedule.

S: Recovers the logical terminal to the statuses indicated with *bb...bb* and *cc...cc*.

KFCA10121-W

mmm `status of logical terminal could not be recovered. logical terminal name=`*aa...aa*` reason code=`*bb...bb*` detail code=`*cc...cc*

An attempt was made to retore the logical terminal to the status it had the last time OpenTP1 ran because the status inheritance definition (`mcftsts -l` *maximum-number-of-logical-terminals*) was specified, but the attempt failed.

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Reason code (maintenance information)

cc...cc: Detail code (maintenance information)

S: Registers the input and schedule with holding released because the status of the logical terminal could not be recovered.

O: To recover the status, contact the OpenTP1 administrator.

Countermeasure: Contact your Hitachi customer engineer.

KFCA10122-W (E)

mmm `command processing completed normally but status inheriting could not be registered. command name=`*aa...aa*` logical terminal name=`*bb...bb*` reason code=`*cc...cc*` detail code 1=`*dd...dd*` detail code 2=`*ee...ee*

The command was successfully executed. However, an attempt to register the statuses,

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which were changed by the command, for the next time OpenTP1 is operated failed, because the status inheritance definition (mcftsts -l *maximum-number-of-logical-terminals*) was specified.

mmm: MCF identifier

aa...aa: Command name

bb...bb: Logical terminal name

cc...cc: Reason code (maintenance information)

dd...dd: Detail code 1 (maintenance information)

ee...ee: Detail code 2 (maintenance information)

S: Upon rerun, does not inherit the status changed by execution of the relevant command.

O: To inherit the status upon rerun, contact the OpenTP1 administrator.

Countermeasure: Contact your Hitachi customer engineer.

KFCA10123-W (E)

mmm command processing was performed normally but status
inheriting could not be registered because number of statuses to
be inherited exceeded the maximum specified in the definition.
command name=*aa...aa* logical terminal name=*bb...bb*

Command processing completed normally, but the number of logical terminals whose statuses were changed by the command exceeded the value specified in the status inheritance definition (mcftsts -l *maximum-number-of-logical-terminals*). As a result, the statuses to be inherited the next time OpenTP1 is operated were not registered.

mmm: MCF identifier

aa...aa: Command name

bb...bb: Logical terminal name

S: Upon rerun, does not inherit the status changed by execution of the relevant command.

O: Specify a valid maximum number of logical terminals in the status inheritance definition of the MCF communication configuration definition.

KFCA10124-W

mmm logical terminal is secured because it is involved in
secured transaction. logical terminal name=*aa...aa*

In an environment in which the definition for restarting delayed transactions (`mcfmcomn -t "delayed=yes"`) was specified, the logical terminal's transactions were placed in a secure status. As a result, the logical terminal has also been placed in a secure status.

mmm: MCF identifier

aa...aa: Logical terminal name

S: Places the logical terminal in the secure status.

O: Contact the OpenTP1 administrator.

Countermeasure: Perform the task, but be careful not to access this logical terminal until the secure status is released.

KFCA10125-I

mmm `logical terminal is unsecured because the transaction it has been involved is unsecured. logical terminal name=`*aa...aa*

In an environment in which the definition for restarting delayed transactions (`mcfmcomn -t "delayed=yes"`) was specified, the logical terminal's transactions were placed in a secure status. As a result, the logical terminal has also been placed in a secure status.

mmm: MCF identifier

aa...aa: Logical terminal name

O: Contact the OpenTP1 administrator.

Countermeasure: A task that accesses this logical terminal can be started because the logical terminal has been released from the secure status.

KFCA10126-W

mmm `send message not sent because logical terminal of the sending destination is shut down. relevant message is discarded. logical terminal name=`*aa...aa*

mmm: MCF identifier

aa...aa: Logical terminal name

S: Discards the send message which could not be sent.

O: Contact the OpenTP1 administrator.

Countermeasure: If necessary, check the discarded message.

KFCA10127-W

mmm `send message which could not be sent cannot be discarded`
`because it is related to uncommitted transaction. system waits`
`for transaction to be committed.`
`logical terminal name of sending destination=`*aa...aa*

mmm: MCF identifier

aa...aa: Logical terminal name of the sending destination

S: Waits for the relevant transaction to be committed. Once the transaction has been committed, discards the relevant send message which could not be sent and continues processing. If the limit time for a transaction and UAP elapses, terminates the commit monitoring for the relevant send message to terminate the relevant UAP abnormally and perform rollback, then continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Wait for the relevant transaction to be committed or terminate OpenTP1 forcibly.

KFCA10128-E

mmm `no remote MCF manager definition object file (_mrmngr).`

mmm: MCF identifier

S: Terminates processing.

O: Create a remote MCF manager definition object file, then reactivate OpenTP1.

KFCA10129-E

mmm `the format of a remote MCF manager definition object file`
`(_mrmngr) is invalid.`

mmm: MCF identifier

S: Terminates processing.

O: Recreate the remote MCF manager definition correctly, then reactivate OpenTP1.

KFCA10130-E

`error occurred in` *aa...aa* `function. error code=`*bb...bb* `processing`
`function name=`*cc...cc* `maintenance information=`*dd...dd*

aa...aa: Name of function for which error occurred

bb...bb: Return code of the function

cc...cc: Name of the function which called the error function

dd...dd: Maintenance information

S: If processing cannot continue, terminates OpenTP1 abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact your Hitachi customer engineer.

KFCA10131-E

```
error occurred in aa...aa system call. error code=bb...bb processing
function name=cc...cc maintenance information=dd...dd
```

aa...aa: Name of the system call for which the error occurred

bb...bb: Return code (errno) of the system call

cc...cc: Name of function which performed the system call

dd...dd: Maintenance information

S: Terminates OpenTP1 abnormally if processing cannot continue.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact your Hitachi customer engineer.

KFCA10132-E

```
insufficient process specific memory. processing function
name=aa...aa return code=bb...bb
```

aa...aa: Name of the function for which the memory shortage occurred

bb...bb: Return code of the function for which the memory shortage occurred

S: Suspends processing.

O: Delete any unnecessary processes, then reactivate OpenTP1. If this message is issued repeatedly, contact the OpenTP1 administrator.

Countermeasure: Contact your Hitachi customer engineer.

KFCA10133-W

```
mmm this node is not allowed to use the specified remote MCF
service. specified MCF manager process identifier=a local node
name=bb...bb
```

When the remote MCF manager was started, the system detected that the MCF specified in the remote MCF service provider definition (mcfrserv) did not allow the local node to use the remote MCF service.

mmm: MCF identifier

a: MCF manager process identifier specified by the remote MCF service provider definition (mcfrserv) in the remote MCF manager definition

bb...bb: Local node name

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: If necessary, terminate OpenTP1 on the relevant service provider MCF. Then, specify the relevant local node name in the remote MCF service destination definition (mcfmrclnt) of the MCF manager definition, create the definition object file, then reactivate OpenTP1.

KFCA10135-E

mmm `the remote MCF management service terminated abnormally.`

mmm: MCF identifier

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact your Hitachi customer engineer.

KFCA10136-E

mmm `user-specified environment variable setting buffer of user environment definition (mcfmuenv) of MCF manager definition could not be allocated. allocation size=`*nn...nn*

mmm: MCF identifier

nn...nn: Size requested when the user-specified environment variable setting buffer is allocated.

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Set the local memory amount of the manager process so that as much local memory as that indicated in the message can be allocated, then reactivate OpenTP1.

KFCA10137-E

mmm user-specified environment variable in user environment
definition (mcfmuenv) of MCF manager definition duplicates
existing manager process environment variable. specified
environment variable: *aa...aa*

mmm: MCF identifier

aa...aa: Environment variable name specified in the user environment definition
(mcfmuenv) of the MCF manager definition

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Re-specify the environment variable name specified in the user
environment definition (mcfmuenv) of the MCF manager definition so that it does not
duplicate an existing environment variable name of the manager process. Then,
reactivate OpenTP1.

KFCA10138-E

mmm user-specified environment variable in user environment
definitions (mcfmuenv) of MCF manager definition could not be.
registered as environment variable of manager process. specified
environment variable: *aa...aa=bb...bb*

mmm: MCF identifier

aa...aa: Environment variable name specified in the user environment definition
(mcfmuenv) of the MCF manager definition

bb...bb: Value set for *aa...aa* specified in the user environment definition (mcfmuenv)
of the MCF manager definition

S: Terminates processing.

O: Contact the OpenTP1 administrator

Countermeasure: Check that the environment variable name and setting value
specified in the user environment definition (mcfmuenv) of the MCF manager
definition can be specified using putenv. If an error occurs, set the value again, then
reactivate OpenTP1.

KFCA10140-E

mmm error occurred while getting statistics for MCF
communication service. maintenance=(*aa...aa*,*bb...bb*)

mmm: MCF identifier

aa...aa: Maintenance code 1

bb...bb: Maintenance code 2

S: Suspends obtaining the statistics and continues processing.

O: Contact the maintenance personnel.

KFCA10141-E (E)

mmm Critical operand of system service information definition(*aa...aa*) is incorrect.

Although a restart definition (`mcfmrerun`) is specified in the MCF manager definition, no N is specified in the critical operand of the system service information definition in the MCF communication service.

mmm: MCF identifier

aa...aa: System service information definition file name in MCF communication service

S: Brings OpenTP1 to an abnormal end.

O: If the MCF independent restart function is used, specify an N as the critical operand of the system service information definition in the MCF communication service. If the MCF independent restart function is not used, delete the restart definition (`mcfmrerun`) from the MCF manager definition.

KFCA10142-E

mmm terminates MCF service abnormally without performing MCF independent restart. reason: *aa...aa*

mmm: MCF identifier

aa...aa: Indicates the cause of terminating the MCF service abnormally without performing MCF independent restart.

STARTING: OpenTP1 system is being started.

TERMINATING: OpenTP1 system is being terminated.

3 TIMES DOWN: The MCF server went down three times consecutively within the time specified by `mcfmrerun` -t "watchtim" in the MCF manager definition.

S: OpenTP1 goes down without performing MCF independent restart.

O: Correct the error, referring to the MCF service error message output before this one.

KFCA10143-I

mmm each server of MCF is forcibly terminated then reactivated.

mmm: MCF identifier

S: Because the server under the MCF manager went down in an environment in which a definition employing the independent restart function (mcfmrerun) was specified, the system will forcibly terminate and then reactivate the other servers under the same manager.

KFCA10144-I

mmm now preparing for MCF service. service name=*aa...aa*(*bb...bb*) manager definition=(*cc...cc dddd/dd/dd ee:ee:ee ff...ff*)

mmm: MCF identifier

aa...aa: MCF service name (MCF manager definition file name)

bb...bb: TP1/Message Control version

cc...cc: TP1/NET/Library version at the creation of MCF manager definition object file

dddd/dd/dd ee:ee:ee: Date and time at the creation of MCF manager definition object file

ff...ff: MCF manager definition identifier

KFCA10145-I

mmm now preparing for MCF communication service.
service name=*aa...aa* (*bb...bb cc...cc*)
communication configuration definition=(*dd...dd eeee/ee/ee ff:ff:ff*)
(*gg...gg hhhh/hh/hh ii:ii:ii*)
application definition=(*jj...jj kkkk/kk/kk ll:ll:ll mm...mm*)

mmm: MCF identifier

aa...aa: MCF communication service name (MCF communication configuration definition file name)

bb...bb: Protocol name

cc...cc: Protocol version

dd...dd: TP1/NET/Library version at the creation of common definition object file in MCF communication configuration definition

eeee/ee/ee ff:ff:ff: Date and time at the creation of common definition object file in

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MCF communication configuration definition

gg...gg: Protocol version at the creation of protocol specific definition object file in MCF communication configuration definition

hhhh/*hh*/*hh* *ii*:*ii*:*ii*: Date and time at the creation of protocol specific definition object file in MCF communication configuration definition

jj...jj: TP1/NET/Library version at the creation of MCF application definition object file

kkkk/*kk*/*kk* *ll*:*ll*:*ll*: Date and time at the creation of MCF application definition object file

mm...mm: MCF application definition identifier

KFCA10146-I

```
mmm now preparing for MCF application activation service.
service name=aa...aa (bb...bb) communication configuration
definition=(cc...cc dddd/dd/dd ee:ee:ee) (ff...ff gggg/gg/gg hh:hh:hh)
application definition=(ii...ii jjjj/jj/jj kk:kk:kk ll...ll)
```

mmm: MCF identifier

aa...aa: MCF application start service name (MCF communication configuration definition file name)

bb...bb: TP1/Message Control version

cc...cc: TP1/NET/Library version at the creation of common definition object file in MCF communication configuration definition

dddd/*dd*/*dd* *ee*:*ee*:*ee*: Date and time at the creation of common definition object file in MCF communication configuration definition

ff...ff: TP1/NET/Library version at the creation of application start definition object file in MCF communication configuration definition

gggg/*gg*/*gg* *hh*:*hh*:*hh*: Date and time at the creation of application start definition object file in MCF communication configuration definition

ii...ii: TP1/NET/Library version at the creation of MCF application definition object file

jjjj/*jj*/*jj* *kk*:*kk*:*kk*: Date and time at the creation of MCF application definition object file

ll...ll: MCF application definition identifier

KFCA10147-I

mmm now recovering MCF service. service name=*aa...aa* (*bb...bb*)
manager definition=(*cc...cc dddd/dd/dd ee:ee:ee ff...ff*)

mmm: MCF identifier

aa...aa: MCF service name (MCF manager definition file name)

bb...bb: TP1/Message Control version

cc...cc: TP1/NET/Library version at the creation of MCF manager definition object file

dddd/dd/dd ee:ee:ee: Date and time at the creation of MCF manager definition object file

ff...ff: MCF manager definition identifier

KFCA10148-I

mmm now recovering MCF communication service.
service name=*aa...aa* (*bb...bb cc...cc*)
communication configuration definition=(*dd...dd eeee/ee/ee ff:ff:ff*)
(*gg...gg hhhh/hh/hh ii:ii:ii*)
application definition=(*jj...jj kkkk/kk/kk ll:ll:ll mm...mm*)

mmm: MCF identifier

aa...aa: MCF communication service name (MCF communication configuration definition file name)

bb...bb: Protocol name

cc...cc: Protocol version

dd...dd: TP1/NET/Library version at the creation of common definition object file in MCF communication configuration definition

eeee/ee/ee ff:ff:ff: Date and time at the creation of common definition object file in MCF communication configuration definition

gg...gg: Protocol version at the creation of protocol specific definition object file in MCF communication configuration definition

hhhh/hh/hh ii:ii:ii: Date and time at the creation of protocol specific definition object file in MCF communication configuration definition

jj...jj: TP1/NET/Library version at the creation of MCF application definition object file

kkkk/kk/kk ll:ll:ll: Date and time at the creation of MCF application definition object

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file

mm...mm: MCF application definition identifier

KFCA10149-I

mmm now recovering MCF application activation service.
service name=*aa...aa* (*bb...bb*)
communication configuration definition=(*cc...cc dddd/dd/dd ee:ee:ee*)
(*ff...ff gggg/gg/gg hh:hh:hh*)
application definition=(*ii...ii jjjj/jj/jj kk:kk:kk ll...ll*)

mmm: MCF identifier

aa...aa: MCF application start service name (MCF communication configuration definition file name)

bb...bb: TP1/Message Control version

cc...cc: TP1/NET/Library version at the creation of common definition object file in MCF communication configuration definition

dddd/dd/dd ee:ee:ee: Date and time at the creation of common definition object file in MCF communication configuration definition

ff...ff: TP1/NET/Library version at the creation of application start definition object file in MCF communication configuration definition

gggg/gg/gg hh:hh:hh: Date and time at the creation of application start definition object file in MCF communication configuration definition

ii...ii: TP1/NET/Library version at the creation of MCF application definition object file

jjjj/jj/jj kk:kk:kk: Date and time at the creation of MCF application definition object file

ll...ll: MCF application definition identifier

KFCA10150-I

mmm MCF communication service *aa...aa* started. MCF application definition ID=*bb...bb*

mmm: MCF identifier

aa...aa: MCF communication service name (MCF communication configuration definition file name)

bb...bb: MCF application definition ID

KFCA10151-I

mmm MCF service *aa...aa* started. MCF manager definition ID=*bb...bb*

mmm: MCF identifier

aa...aa: MCF service name (MCF manager definition file name)

bb...bb: MCF manager definition ID

KFCA10152-I

mmm MCF application activation service *aa...aa* started. MCF
application definition ID=*bb...bb*

mmm: MCF identifier

aa...aa: MCF application activation service name (MCF communication configuration
definition file name)

bb...bb: MCF application definition ID

KFCA10153-I

mmm now preparing for remote MCF management service.
service name=_mrmngr (*aa...aa*)
remote MCF manager definition=(*bb...bb cccc/cc/cc dd:dd:dd*)

mmm: MCF identifier

aa...aa: TP1/Message Control version

bb...bb: TP1/NET/Library version at the creation of a remote MCF manager definition
object file

cccc/cc/cc dd:dd:dd: Date and time at the creation of remote MCF manager
definition object file

KFCA10154-I

mmm now recovering remote MCF management service.
service name=_mrmngr (*aa...aa*)
remote MCF manager definition=(*bb...bb cccc/cc/cc dd:dd:dd*)

mmm: MCF identifier

aa...aa: TP1/Message Control version

bb...bb: TP1/NET/Library version at the creation of remote MCF manager definition
object file

cccc/*cc*/*cc* *dd*:*dd*:*dd*: Date and time at the creation of remote MCF manager definition object file

KFCA10155-I

mmm `remote MCF management service started.`

mmm: MCF identifier

KFCA10156-I

mmm `now terminating MCF service.`

mmm: MCF identifier

KFCA10157-I

mmm `now preparing for MCF service termination.`

mmm: MCF identifier

KFCA10158-I

mmm `ready for MCF communication service termination.`

mmm: MCF identifier

KFCA10159-I

mmm `ready for MCF application activation service termination.`

mmm: MCF identifier

KFCA10160-I

mmm `ready for MCF service termination.`

mmm: MCF identifier

S: Terminates preparation processing for MCF service termination.

KFCA10161-I

mmm `terminated MCF service.`

mmm: MCF identifier

S: Terminates the MCF service normally.

KFCA10162-I

mmm MCF service terminated with planned termination A.

mmm: MCF identifier

S: Terminates the MCF service with planned termination A.

KFCA10163-I

mmm MCF service terminated with planned termination B.

mmm: MCF identifier

S: Terminates the MCF service with planned termination B.

KFCA10164-E

mmm cannot terminate normally because there are messages left in queue file or error occurred in queue file.

mmm: MCF identifier

S: Terminates abnormally. Messages left in the queue file will be inherited at rerun.

KFCA10165-I

mmm remote MCF service started. MCF manager process identifier=*a*

mmm: MCF identifier

a: MCF manager process identifier specified in the remote MCF service provider definition (mcfrserv) of the remote MCF manager definition

KFCA10167-I

mmm terminating remote MCF management service.

mmm: MCF identifier

KFCA10168-I

mmm remote MCF management service terminated.

mmm: MCF identifier

KFCA10170-E

mmm object file of MCF manager definition file *aa...aa* not found.

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mmm: MCF identifier

aa...aa: MCF manager definition file name

S: Terminates processing.

O: Create the MCF manager definition file indicated by the message, and restart OpenTP1.

KFCA10171-E

mmm `object file of MCF communication configuration definition file` *aa...aa* `not found.`

mmm: MCF identifier

aa...aa: MCF communication configuration definition file name

S: Terminates processing.

O: Create the MCF communication configuration definition file indicated by the message, and restart OpenTP1.

KFCA10172-E

mmm `object file of MCF application definition file` *aa...aa* `not found.`

mmm: MCF identifier

aa...aa: MCF application definition file name

S: Terminates processing.

O: Create the application definition file indicated by the message, and restart OpenTP1.

KFCA10173-E

mmm `object file format of MCF manager definition file` *aa...aa* `is invalid.`

mmm: MCF identifier

aa...aa: MCF manager definition file name

S: Terminates processing.

O: The MCF manager definition file indicated by the message is not a MCF manager definition. Re-create it with the correct format and restart OpenTP1.

KFCA10174-E

mmm `object file format of MCF communication configuration definition file` *aa...aa* `is invalid.`

mmm: MCF identifier

aa...aa: MCF communication configuration definition file name

S: Terminates processing.

O: The MCF communication configuration definition file indicated by the message is not a MCF communication configuration definition. Re-create it with the correct format and restart OpenTP1.

KFCA10175-E

mmm `object file format of MCF application definition file` *aa...aa* `is invalid.`

mmm: MCF identifier

aa...aa: MCF application definition file name

S: Terminates processing.

O: The application definition file indicated by the message is not a MCF application definition. Re-create it with the correct format and restart OpenTP1.

KFCA10176-E

mmm `MCF communication configuration definition (`*aa...aa*`) has the same MCF identifier (`*bb...bb*`) as another MCF communication configuration definition.`

mmm: MCF identifier

aa...aa: Name of MCF communication configuration definition object file

bb...bb: MCF identifier

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Reset the MCF communication configuration definition so that another MCF communication configuration definition does not have the same MCF identifier (`mcftenv -s **`). Then, restart OpenTP1.

KFCA10177-E

mmm `protocol of MCF main function and protocol type of MCF`
`communication configuration definition do not match.`

mmm: MCF identifier

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Restart OpenTP1 with the correct protocol.

KFCA10178-E

mmm `definition file version and system version do not match.`
`definition file name=`*aa...aa*

mmm: MCF identifier

aa...aa: Name of definition object file of invalid version

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Re-create the definition file indicated by the message using the definition object creation utility activation command having the same version as MCF. Then, restart OpenTP1.

KFCA10179-E

mmm `terminates MCF service abnormally since starting of MCF`
`server failed.`

mmm: MCF identifier

S: Brings the MCF service to an abnormal end.

O: If this message is preceded by an MCF failure message, remove the cause for the error in accordance with the message and make a restart. If the cause is unidentifiable, contact the maintenance personnel.

KFCA10180-E

mmm `timeout occurred while monitoring send message fetch period`
`for MCF communication service.`

mmm: MCF identifier

S: Discards the send message remained when timeout occurred and continues

processing. ERREVTA notifies the discarded message.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the specification of mtim operand of -t option in the `mcfttim` command in MCF communication configuration definition, then restart OpenTP1.

KFCA10181-E

mmm `MCF communication service terminated abnormally.`

mmm: MCF identifier

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10182-E (E+L)

mmm `MCF service terminated abnormally.`

mmm: MCF identifier

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10183-E

mmm `timeout occurred while monitoring receive message fetch period for MCF communication service.`

mmm: MCF identifier

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the specification of the rmtim operand of the -t option in the `mcfttim` command in the MCF communication configuration definition, then restart OpenTP1.

KFCA10184-E

mmm `timeout occurred while monitoring send message fetch period for MCF application activation service.`

mmm: MCF identifier

S: Discards the remaining send message when a timeout occurred and continues

processing. ERREVTA notifies the user about the discarded message.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the specification of the mtim operand of the -t option in the `mcfttim` command in the MCF communication configuration definition, then restart OpenTP1.

KFCA10185-E

mmm `MCF application activation service terminated abnormally.`

mmm: MCF identifier

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10186-E (E+L)

mmm `MCF communication service or MCF application activation service terminated abnormally.`

mmm: MCF identifier

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10187-E

mmm `timeout occurred while monitoring receive message fetch period for MCF application activation service.`

mmm: MCF identifier

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the specification of the rmtim operand of the -t option in the `mcfttim` command in the MCF communication configuration definition, then restart OpenTP1.

KFCA10188-E

mmm `dump file` *aa...aa* `could not be opened. reason code=`*bb...bb* `dump cause code=`*cc...cc*

mmm: MCF identifier or NET identifier

aa...aa: Dump file name

bb...bb: Reason code (errno)

cc...cc: Reason code indicating why MCF dump or NET dump was output

S: Stops dump processing for the file.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10189-E

mmm `error information is acquired. reason code=`*aa...aa* `function=`*bb...bb* `dump file=`*cc...cc*

mmm: MCF identifier or NET identifier

aa...aa: Self-contradiction code

bb...bb: Name of the function with which an error occurred

cc...cc: Name of the file which stores error information

S: Terminates processing if it is impossible to continue processing.

O: Save the dump file that was output, and contact the OpenTP1 administrator.

Countermeasure: Refer to the abort code list to find the information corresponding to the self-contradiction code, and take corrective action. If the self-contradiction code is not contained in the abort code list, contact the maintenance personnel. For details about the abort codes, see *15.1 Abort Codes*.

KFCA10190-E (E+L)

mmm `internal processing function` *aa...aa* `returned error. reason code=`*bb...bb* `detail code=`*cc...cc* `processing function=`*dd...dd*

mmm: MCF identifier or NET identifier

aa...aa: Name of the function which returned error

bb...bb: Reason code (return code of the function that returned the error)

Reason codes and corresponding countermeasures are listed in the table below.

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cc...cc: Maintenance information

dd...dd: Name of the function which issued the error-returned function

S: Terminates processing if it is impossible to continue processing.

Countermeasure: Take corrective action according to the reason codes below. If you cannot determine the cause of the error from the reason code and the preceding and following messages, refer to the abort code list to find the information corresponding to the maintenance information, and take corrective action.

Reason code	Description	Countermeasure
–314	Command that issued the processing request timed out.	Check the cause of the command timeout, and, if necessary, re-execute the command.
–000010174	The MCF communication service (including application start service) specified in the communication service definition does not match the MCF executable program specified by the system service information definition: Example: The MCF communication service specified in the communication service definition is the TP1/NET/TCP/IP definition object file, but the executable program of an application start process is specified as the MCF executable program in the system service information definition.	Carefully review whether the following items are correct: - Value specified for the `module` operand (MCF executable program name) in the system service information definition - Value specified for the `mcfsvname` operand in the communication service definition and the `syssvname` operand in the MCF manager definitions
–000011609	One of the following is duplicated among multiple application start programs: - Internal channel name specified in the application start environment definition - Logical terminal name specified in the logical terminal definition for application start	Carefully review the MCF communication configuration definition and make sure that internal channel names in the application start environment definition and logical terminal names in the logical terminal definition for application start are consistent throughout the OpenTP1 system.
–000011801	The contents of the definition object file may be invalid.	Create the definition object file again correctly.
–000016722	Logical terminal names specified in logical terminal definitions are duplicated among the MCF communication services of multiple TP1/NET/TCP/IP.	Carefully review the logical terminal definitions and make sure that logical terminal names are consistent throughout the OpenTP1 system.

Reason code	Description	Countermeasure
Other codes	Maintenance information	See the abort code list. For details about the abort codes, see *15.1 Abort Codes*.

KFCA10191-E

mmm `system call` *aa...aa* `returned error. reason code=`*bb...bb* `detail code=`*cc...cc* `processing function=`*dd...dd*

mmm: MCF identifier

aa...aa: System call name

bb...bb: Return code of the system call

cc...cc: Maintenance information

dd...dd: Name of the function that issued the system call (maintenance information)

S: Terminates OpenTP1 when the returned error disables processing from being continued. Continues processing when the returned error allows processing to be continued.

O: Contact the maintenance personnel.

KFCA10193-E

mmm `local memory found insufficient for MCF service. processing function=`*aa...aa*

mmm: MCF identifier

aa...aa: Processing function name

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10194-E

mmm `shared memory found insufficient for MCF service. processing function=`*aa...aa*

mmm: MCF identifier

aa...aa: Processing function name

S: Terminates processing.

O: Contact the maintenance personnel.

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KFCA10195-E

mmm `error occurred with logical terminal information reference function. maintenance code=(`*aa...aa*`, `*bb...bb*`)`

mmm: MCF identifier

aa...aa: Maintenance code 1

bb...bb: Maintenance code 2

S: Stops reference processing of logical terminal information.

O: Obtain the maintenance information and contact the maintenance personnel.

KFCA10196-E

mmm `buffer group number is not defined in definition. buffer group number=` *aa...aa*

mmm: MCF identifier or NET identifier

aa...aa: Buffer group number

S: Continues processing.

KFCA10197-I

mmm `number of transmission buffers in use has exceeded the limit. buffer group number=`*aa...aa*

The number of buffers in use that have the indicated buffer group number exceeds the value specified in the definition (`mcftbuf -g "count=`*number-of-buffers*`"`).

mmm: MCF identifier or NET identifier

aa...aa: Buffer group number (value specified in `mcftbuf -g groupno`)

S: Dynamically allocates the buffers within the range of the specified number of extended buffers (`mcftbuf -g "extend=`*number-of-extended-buffers*`"`), and continues processing.

Countermeasure: Check the values specified in `mcftbuf -g "count=`*number-of-buffers*`"` and in `mcftalccn -e count=`*number-of-buffers-for-editing-messages* (for TP1/NET/User Datagram Protocol, `mcftalcle -e count=`*number-of-buffers-for-editing-messages*) for each protocol.

KFCA10198-E

mmm `cannot get extended buffer because of insufficient memory.`
`buffer group number=`*aa...aa* `reason code=`*bb...bb*

mmm: MCF identifier or NET identifier

aa...aa: Buffer group number

bb...bb: Return code of the function that returned the error

S: Continues processing.

KFCA10199-E

mmm `error occurred during buffer pool management`
`initialization. reason code=`*aa...aa* `detail code=`*bb...bb*

mmm: MCF identifier or NET identifier

aa...aa: Return code of the function that returned the error

bb...bb: Maintenance information

S: Continues processing.

KFCA10210-E

mmm `internal error detected during message processing. system`
`function=`*aa...aa*`, reason code=`*bb...bb*`, process name=`*cc...cc*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (issued system call or C library)

bb...bb: Maintenance information (OS error number or return value from C library)

cc...cc: Maintenance information (issuing function name)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10211-E

mmm `maintenance info1=`*aa...aa*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

S: Terminates processing.

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O: Contact the maintenance personnel.

KFCA10212-E

mmm `maintenance info1=`*aa...aa*`, maintenance info2=`*bb...bb*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10213-E

mmm `maintenance info1=`*aa...aa*`, maintenance info2=`*bb...bb cc...cc*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

cc...cc: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10214-E

mmm `maintenance info1=`*aa...aa*`, maintenance info2=`*bb...bb cc...cc dd...dd*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

cc...cc: Maintenance information (other information necessary for error investigation)

dd...dd: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10215-E

mmm `maintenance info1=`*aa...aa*`, maintenance info2=`*bb...bb cc...cc dd...dd ee...ee*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

cc...cc: Maintenance information (other information necessary for error investigation)

dd...dd: Maintenance information (other information necessary for error investigation)

ee...ee: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10220-E

mmm `internal error detected during message processing.`
`function=`*aa...aa*`, reason code=`*bb...bb*`, process name=`*cc...cc*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (offered function name)

bb...bb: Maintenance information (return code from offered function)

cc...cc: Maintenance information (issuing function name)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10221-E (S)

mmm `maintenance info1=`*aa...aa*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10222-E

mmm `maintenance info1=`*aa...aa*`, maintenance info2=`*bb...bb*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10223-E

mmm maintenance info1=*aa...aa*, maintenance info2=*bb...bb cc...cc*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

cc...cc: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10224-E

mmm maintenance info1=*aa...aa*, maintenance info2=*bb...bb cc...cc dd...dd*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

cc...cc: Maintenance information (other information necessary for error investigation)

dd...dd: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10225-E

mmm maintenance info1=*aa...aa*, maintenance info2=*bb...bb cc...cc dd...dd ee...ee*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

cc...cc: Maintenance information (other information necessary for error investigation)

dd...dd: Maintenance information (other information necessary for error investigation)

ee...ee: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10230-E

mmm `internal error detected during message processing. process name1=`*aa...aa*`, reason code=`*bb...bb*`, process name2=`*cc...cc*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (issued function name)

bb...bb: Maintenance information (return code of issued function)

cc...cc: Maintenance information (issuing function name)

S: Terminates processing.

O: Check and, if necessary, correct the size of the shared memory (`mcfmcomn -p` *MCF-work-area-length*) specified in the MCF manager definition. If the problem cannot be corrected, contact maintenance personnel.

KFCA10231-E

mmm `maintenance info1=`*aa...aa*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10232-E

mmm `maintenance info1=`*aa...aa*`, maintenance info2=`*bb...bb*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10233-E

mmm `maintenance info1=`*aa...aa*`, maintenance info2=`*bb...bb cc...cc*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

cc...cc: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10234-E

mmm `maintenance info1=`*aa...aa*`, maintenance info2=`*bb...bb cc...cc dd...dd*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

cc...cc: Maintenance information (other information necessary for error investigation)

dd...dd: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Check and, if necessary, correct the size of the shared memory (`mcfmcomn -p` *MCF-work-area-length*) specified in the MCF manager definition. If the problem cannot be corrected, contact maintenance personnel.

KFCA10235-E

mmm `maintenance info1=`*aa...aa*`, maintenance info2=`*bb...bb cc...cc dd...dd ee...ee*

mmm: MCF identifier or NET identifier

aa...aa: Maintenance information (detailed processing code)

bb...bb: Maintenance information (other information necessary for error investigation)

cc...cc: Maintenance information (other information necessary for error investigation)

dd...dd: Maintenance information (other information necessary for error investigation)

ee...ee: Maintenance information (other information necessary for error investigation)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10240-E

mmm `MCF static shared memory is insufficient. insufficient`
`memory=`*aa....aa*`KB memory type=`*bb....bb*

mmm: MCF identifier

aa...aa: Memory capacity to be allocated (Kbytes)

bb...bb: Type of insufficient shared memory

SYS: The total size of the static shared memory (specified with the
`static_shmpool_size` operand in the system environment definition) was
insufficient for acquiring the size of the MCF work area (specified with the `-p`
option in the `mcfmcomn` definition command).

PRC: The total size of the static shared memory (specified with the
`static_shmpool_size` operand in the system environment definition) was
insufficient for acquiring the size of the MCF trace buffer area. (The area size is
obtained by multiplying the value of the `size` operand of the `-t` option in the
`mcfttrc` definition command by two.)

S: Terminates processing.

O: Check whether appropriate values are specified for the `static_shmpool_size`
operand, the `-p` option in the `mcfmcomn` definition command, and the `size` operand
of the `-t` option in the `mcfttrc` definition command.

KFCA10241-E

mmm `memory in process is insufficient.`

mmm: MCF identifier

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA10242-I

mmm `allocate to additional MCF static shared memory. additional`
`memory=`*aa....aa*`KB memory type=`*bb....bb*

mmm: MCF identifier

aa....aa: Additional memory capacity to be allocated (KB)

*bb....bb***:** Type of insufficient shared memory

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SYS: MCF work area

PRC: MCF trace buffer area

S: Allocates additional static shared memory and continues processing.

O: For insufficient SYS shared memory, make sure an appropriate value is specified for the MCF work area length by the -p option in the mcfmcomn definition command. For insufficient PRC shared memory, make sure an appropriate value is specified for the MCF trace buffer size by the -t option of the size operand in the mcfttrc definition command.

KFCA10260-I

mmm get to trace data is start.

mmm: MCF identifier

S: Continues processing.

KFCA10261-I

mmm get to trace data is terminate.

mmm: MCF identifier

S: Continues processing.

KFCA10262-E (E)

mmm get to preparation trace data failed. issued function=*aa....aa* reason code=*bb....bb* processing function=*cc....cc* command name=*dd....dd*

mmm: MCF identifier

aa....aa: Issued function name

bb....bb: Reason code (return code from the issued function)

cc....cc: Processing function name (issue source function name)

S: Ignores the command and continues processing. The system also outputs the *KFCA10274-E* message to the message log.

O: Contact maintenance personnel.

KFCA10263-W (E)

mmm getting to trace data is request get to trace start. command name=*aa...aa*

mmm: MCF identifier

aa...aa: Command name (issuing command name)

S: Ignores the command and continues processing.

KFCA10264-W

mmm `command ignored because of fallback output operation trace file. command name=`*aa...aa*

mmm: MCF identifier

aa...aa: Command name (issue command name)

S: Ignores the command and continues processing.

O: Execute the command again after the trace file output is completed.

KFCA10265-E (E)

mmm `command suspension because of output operation trace file failed. command name=`*aa....aa*

mmm: MCF identifier

aa....aa: Command name (issued command name)

S: Cancels the command processing and continues processing. The system also outputs the *KFCA10276-E* message to the message log.

O: Save the log message and contact maintenance personnel.

KFCA10266-W (E+L)

mmm `get to trace data is no start.`

This message appears in either of the following situations:

1. When the `mcftswptr` command for forcible swapping MCF trace files is executed, but the acquisition of trace data has already terminated because the `mcftstptr` command for terminating the MCF trace acquisition was executed.

2. When an MCF communication service detected an error and attempted forcible swapping of MCF trace files, but forcible swapping had already been performed by another MCF communication service detecting an error.

mmm: MCF identifier

S: Does either of the following:

- When the cause of the message output is 1: Ignores the command and

continues processing.

- When the cause of the message output is 2: Terminates the system abnormally without forcibly swapping MCF trace files.

O: If you want to execute the forcible swapping command (`mcftswptr`), use the `mcftstrtr` command to start the acquisition of the MCF trace, and then execute the command.

KFCA10267-W

mmm `trace file can not be output because of no disk output appointing in trace environment definition.`

This message appears when either of the following occurs in an environment in which a definition that disables the MCF-trace disk output function (`mcfttrc -t "disk=no"`) is specified:

1. The `mcftswptr` command for forcible swapping of MCF trace files is executed.

2. An MCF communication service detects an error and terminates abnormally (this message appears when forcible swapping of MCF trace files is performed during abnormal termination processing).

mmm: MCF identifier

S: Does either of the following:

- When the cause of the message output is 1: Ignores the command and continues processing.
- When the cause of the message output is 2: Terminates the system abnormally without forcibly swapping MCF trace files.

O: If you want to execute the forcible swapping command (`mcftswptr`), specify a definition that enables the disk output function (`mcfttrc -t "disk=yes"`) in the MCF trace environment definition.

KFCA10268-W

mmm `trace file can not be output because of omission is trace information output demand exit function.`

No output request is made with the trace file.

mmm: MCF identifier

S: Continues processing.

Countermeasure: If trace file output is necessary, specify the trace information output request exit function before executing the command again.

KFCA10269-E

mmm `suspension is trace file output because of error occurred during trace file I/O processing.`

Because a failure occurred during the trace file input or output processing, no output will be provided with the trace file.

mmm: MCF identifier

S: Interrupts the trace file output processing and continue processing. This message is preceded by *KFCA10274-E* or *KFCA10276-E*.

O: Contact the maintenance personnel.

Countermeasure: Examine the cause for the failure according to *KFCA10274-E* or *KFCA10276-E* appearing before this message.

KFCA10270-I

mmm `output to trace file started.`

mmm: MCF identifier or NET identifier

S: Continues processing.

KFCA10271-I

mmm `output to trace file terminated.`

mmm: MCF identifier or NET identifier

S: Continues processing. Message *KFCA10276-E* may be output before this message.

O: Delete the used trace file.

KFCA10272-E

mmm `cannot allocate memory necessary for trace I/O processing. issued function=`*aa...aa*`, reason code=`*bb...bb*`, processing function=`*cc...cc*

mmm: MCF identifier or NET identifier

aa...aa: Issued function name (system subroutine)

bb...bb: Reason code (OS error number)

cc...cc: Processing function name (name of the function that issued the system subroutine)

S: Performs the trace output control in the fallback mode. Message *KFCA10271-I* will be output after this message.

O: Contact the maintenance personnel.

Countermeasure: Review the size of the intra-process shared memory.

KFCA10273-E

mmm error occurred during trace file I/O processing. issued function=*aa...aa*, reason code=*bb...bb*, processing function=*cc...cc*

mmm: MCF identifier

aa...aa: Issued function name

bb...bb: Error reason code (OS error number)

cc...cc: Processing function name (issue source function name)

S: Terminates output of the MCF trace file and continues processing.

O: Contact the maintenance personnel.

Countermeasure: Remove the cause for the input/output failure according to the error reason code. To restart output of the MCF trace file, shut down OpenTP1, and then restart OpenTP1.

KFCA10274-E

mmm error occurred during status file I/O processing. issued function=*aa...aa*, reason code=*bb...bb*, processing function=*cc...cc*

mmm: MCF identifier

aa...aa: Issued function name

bb...bb: Reason code (return code from the issued function)

cc...cc: Processing function name (issuing function name)

S: Continues processing while terminating trace file output.

O: Contact the maintenance personnel.

KFCA10276-E

mmm trace output failed. issued function=*aa...aa*, reason code=*bb...bb*, processing function=*cc...cc*

mmm: MCF identifier or NET identifier

aa...aa: Issued function name

bb...bb: Reason code (return code from the issued function)

cc...cc: Processing function name (issuing function name)

S: Continues processing while terminating trace file output.

O: Contact the maintenance personnel.

KFCA10277-I (S+L)

mmm `trace option changed from` *aa...aa* `to` *bb...bb*`.`

The definition setting in the MCF trace option has been changed. Starting with this message, the new trace option is used to acquire trace data.

mmm: MCF identifier or NET identifier

aa...aa: Trace option before change

bb...bb: Trace option after change

S: Continues processing after changing the trace option for trace control information.

KFCA10278-I

mmm `trace file swapping completed.`

mmm: MCF identifier

S: Continues processing.

KFCA10279-W

mmm `trace file swapping failed.`

Output to the trace file has failed.

mmm: MCF identifier

S: Continues processing after terminating output to the MCF trace file. This message is preceded by *KFCA10273-E*.

Countermeasure: Identify the cause in accordance with *KFCA10273-E* appearing before this message.

KFCA10280-W

mmm `command ignored because of trace file can not output disposal. command name=`*aa...aa*

The command is ignored because of failure to perform trace file output. This is either because an input/output failure has occurred in the trace file or because the MCF trace

environment definition has no disk output specification.

mmm: MCF identifier

aa...aa: Command name (issue command name)

S: Continues processing while ignoring this command. This message is preceded by *KFCA10267-W* or *KFCA10269-E*.

Countermeasure: To use this command, choose YES for the disk output in the MCF trace environment definition, and then retry.

KFCA10300-E (E)

cc...cc `definition command is specified in invalid order. line=`*ll...ll*

cc...cc: Name of the definition command specified in invalid order

ll...ll: Line number of the definition command specified in invalid order

S: Continues processing, ignoring the definition command.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition command and retry processing.

KFCA10301-E (E)

mmm *cc...cc* `definition command cannot be omitted.`

mmm: MCF identifier or blank

cc...cc: Name of the definition command with which an error occurred

S: Continues processing, ignoring the definition command.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify this definition command and retry processing.

KFCA10302-E (E)

mmm `number of` *cc...cc* `definition commands exceeds the limit.` `line=`*ll...ll*

mmm: MCF identifier or blank

cc...cc: Name of the definition command with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring the definition command.

O: Contact the OpenTP1 administrator.

Countermeasure: Adjust the number of the definition commands and retry processing.

KFCA10303-E (E)

mmm `characters` *nn...nn* `are invalid. line=`*ll...ll*

mmm: MCF identifier or blank

nn...nn: Invalid character string

ll...ll: Line number of invalid character string

S: Continues processing, ignoring the invalid character string.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct or delete the invalid character string, and retry processing.

KFCA10304-E (E)

`number of characters within double quotes exceeds 1024. line=`*ll...ll*

ll...ll: Line number on which an error occurred

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition command with which an error occurred, and retry processing.

KFCA10305-E (E)

mmm oo...oo `option of` *cc...cc* `definition command cannot be omitted.`
`line=`*ll...ll*

mmm: MCF identifier or blank

cc...cc: Name of the definition command with which an error occurred

oo...oo: Name of the option with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

`"0000"` is displayed if an option in one of the following definition commands is specified incorrectly:

- Command for starting the MCF definition object creation utility
- Command for starting the MCF definition linkage utility
- MCF definition object analysis command

S: Continues processing, ignoring this option.

639

O: Contact the OpenTP1 administrator.

Countermeasure: Specify this option and retry processing.

KFCA10306-E (E)

mmm oo...oo option of *cc...cc* definition command is invalid. line=*ll...ll*

mmm: MCF identifier or blank

cc...cc: Name of the definition command with which an error occurred

oo...oo: Name of the option with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

"0000" is displayed if an option in one of the following definition commands is specified incorrectly:

- Command for starting the MCF definition object creation utility
- Command for starting the MCF definition linkage utility
- MCF definition object analysis command

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10307-E (E)

mmm cc...cc definition command contains invalid characters (*nn...nn*). line=*ll...ll*

mmm: MCF identifier or blank

cc...cc: Name of the definition command with which an error occurred

nn...nn: Invalid character string

ll...ll: Line number of the definition command with which an error occurred

"0000" is displayed if an option in one of the following definition commands is specified incorrectly:

- Command for starting the MCF definition object creation utility
- Command for starting the MCF definition linkage utility
- MCF definition object analysis command

S: Continues processing, ignoring the invalid character string.

640

O: Contact the OpenTP1 administrator.

Countermeasure: Correct or delete the invalid character string, and retry processing.

KFCA10308-E (E)

```
when oo...oo1 option of cc...cc1 definition command specifies vv...vv,
oo...oo2 option of cc...cc2 definition command cannot be omitted.
line=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Value which caused the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10309-E (E)

```
when oo...oo1 option of cc...cc1 definition command specifies vv...vv,
oo...oo2 option of cc...cc2 definition command cannot be specified.
line=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Value which caused the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10310-E (E)

*oo...oo*1 option of *cc...cc*1 definition command specifies the same value (*vv...vv*) as *oo...oo*2 option of *cc...cc*2 definition command. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Duplicate values

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10311-E (E)

*oo...oo*1 option of *cc...cc*1 definition command must be the same value (*vv...vv*) as *oo...oo*2 option of *cc...cc*2 definition command. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Value which caused the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10313-E (E)

number of characters of the value specified with *oo...oo*1 option of *cc...cc*1 definition command must be the same as with *oo...oo*2 option of *cc...cc*2 definition command. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*cc...cc*2: Name of the definition command related to the error

*oo...oo*2: Name of the option related to the error

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10314-E (E)

*oo...oo*1 option of *cc...cc*1 definition command specifies the same value as *oo...oo*2 option of *cc...cc*2 definition command. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10315-E (E)

mmm *pp...pp* operand of *oo...oo* option in *cc...cc* definition command cannot be omitted. line=*ll...ll*

mmm: MCF identifier or blank

cc...cc: Name of the definition command with which an error occurred

oo...oo: Name of the option with which an error occurred

pp...pp: Name of the operand with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand and retry processing.

KFCA10316-E (E)

mmm pp...pp operand of *oo...oo* option in *cc...cc* definition command is invalid. line=*ll...ll*

mmm: MCF identifier or blank

cc...cc: Name of the definition command with which an error occurred

oo...oo: Name of the option with which an error occurred

pp...pp: Name of the operand with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand and retry processing.

KFCA10317-E (E)

mmm oo...oo option of *cc...cc* definition command contains invalid characters (*nn...nn*). line=*ll...ll*

mmm: MCF identifier or blank

cc...cc: Name of the definition command with which an error occurred

oo...oo: Name of the option with which an error occurred

nn...nn: Invalid character string

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring the invalid character string.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct or delete the invalid character string, and retry processing.

KFCA10318-E (E)

mmm when *pp...pp*1 operand of *oo...oo*1 option specifies *vv...vv* in *cc...cc*1 definition command, *pp...pp*2 operand of *oo...oo*2 option cannot be omitted in *cc...cc*2 definition command. line=*ll...ll*

mmm: MCF identifier or blank

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

vv...vv: Value that caused the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

*pp...pp*2: Name of the operand with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand and retry processing.

KFCA10319-E (E)

```
when pp...pp1 operand of oo...oo1 option specifies vv...vv in cc...cc1
definition command, pp...pp2 operand of oo...oo2 option cannot be
specified in cc...cc2 definition command. line=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

vv...vv: Value that caused the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

*pp...pp*2: Name of the operand with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand and retry processing.

KFCA10320-E (E)

```
pp...pp1 operand of oo...oo1 option in cc...cc1 definition command
specifies the same value (vv...vv) as pp...pp2 operand of oo...oo2
option in cc...cc2 definition command. line=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

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*pp...pp*1: Name of the operand related to the error

vv...vv: Value that caused the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

*pp...pp*2: Name of the operand with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand and retry processing.

KFCA10321-E

the value (*vv...vv*) specified with *pp...pp*1 operand of *oo...oo*1 option in *cc...cc*1 definition command is not defined by *pp...pp*2 operand of *oo...oo*2 option in *cc...cc*2 definition command. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

vv...vv: Value that caused the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

*pp...pp*2: Name of the operand with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand and retry processing.

KFCA10322-E

when *cc...cc*1 definition command is specified, *cc...cc*2 definition command cannot be omitted.

*cc...cc*1: Name of the definition command with which an error occurred

*cc...cc*2: Name of the definition command related to the error

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S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10323-E

```
when cc...cc1 definition command is omitted, cc...cc2 definition
command cannot be specified. line=ll...ll
```

*cc...cc*1: Name of the definition command with which an error occurred

*cc...cc*2: Name of the definition command related to the error

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10324-E

```
oo...oo option of cc...cc1 definition command specifies vv...vv, but the
associated definition command (cc...cc2) is not found. line=ll...ll
```

*cc...cc*1: Name of the definition command with which an error occurred

oo...oo: Name of the option with which an error occurred

vv...vv: Value that caused the error

*cc...cc*2: Name of the definition command related to the error

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10325-E

```
value of oo...oo option in cc...cc1 definition command is not
ascending and serial number starting from 1 under the previous
definition command (cc...cc2). line=ll...ll
```

*cc...cc*1: Name of the definition command with which an error occurred

oo...oo: Name of the option with which an error occurred

*cc...cc*2: Name of the definition command related to the error

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10326-E

```
number of characters of the value specified with oo...oo1 option
of cc...cc1 definition command is not the same as with oo...oo2 option
of cc...cc2 definition command. line=ll...ll
```

*cc...cc*1: Name of the definition command with which an error occurred

oo...oo: Name of the option with which an error occurred

*cc...cc*2: Name of the definition command related to the error

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10327-E

```
when oo...oo option of cc...cc1 definition command specifies vv...vv,
cc...cc2 definition command cannot be omitted. line=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

oo...oo: Name of the option related to the error

vv...vv: Value that caused the error

*cc...cc*2: Name of the definition command with which an error occurred

S: Continues processing, ignoring this definition command.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this definition command and retry processing.

KFCA10328-E

```
when oo...oo option of cc...cc1 definition command specifies vv...vv,
cc...cc2 definition command cannot be specified. line=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

oo...oo: Name of the option related to the error

vv...vv: Value that caused the error

*cc...cc*2: Name of the definition command with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this definition command.

O: Contact the OpenTP1 administrator.

Countermeasure: Delete this definition command and retry processing.

KFCA10329-E

*cc...cc*1 definition command does not have the associated definition command (*cc...cc*2). line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*cc...cc*2: Name of the definition command with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this definition command.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify this definition command and retry processing.

KFCA10330-E (E)

failure to open *ff...ff* file. reason code=*ee...ee*

ff...ff: File name

ee...ee: Maintenance information (OS error number)

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminates the cause of the error according to the preceding message, and retry processing.

KFCA10331-E (E)

failure to get memory. reason code=*ee...ee*

ee...ee: Maintenance information (OS error number)

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminates the cause of the error according to the preceding message, and retry processing.

KFCA10332-E (E)

definition object file name *kk...kk* is already used.

kk...kk: Definition object file name

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Change the definition object file name or delete the existing definition object file name, and retry processing.

KFCA10333-E (E)

pp...pp operand of *oo...oo* option does not specify value *vv...vv* in *cc...cc* definition command.

cc...cc: Name of the definition command with which an error occurred

oo...oo: Name of the option with which an error occurred

pp...pp: Name of the operand with which an error occurred

vv...vv: Value that caused the error

S: Continues processing, ignoring this definition command.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this definition command and retry processing.

KFCA10334-E (E)

pp...pp operand of *oo...oo* option in *cc...cc* definition command specifies more than total buffer count specified in the *cc...cc*2 definition command. line=*ll...ll*

*cc...cc*1: Name of the definition command with which an error occurred

oo...oo: Name of the option with which an error occurred

pp...pp: Name of the operand with which an error occurred

*cc...cc*2: Name of the definition command related to the error

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ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand and retry processing.

KFCA10335-E (E)

*oo...oo*1 option of *cc...cc*1 definition command and *oo...oo*2 option of *cc...cc*2 definition command are mutually exclusive. line=*ll...ll*

*cc...cc*1: Name of the definition command with which an error occurred

*oo...oo*1: Name of the option with which an error occurred

*cc...cc*2: Name of the definition command related to the error

*oo...oo*2: Name of the option related to the error

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10336-E (E)

when *cc...cc*1 definition command is specified, *cc...cc*2 definition command cannot be specified. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*cc...cc*2: Name of the definition command with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10337-E (E)

connection definition or program definition not found.

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10338-E (E)

when *pp...pp*1 operand of *oo...oo*1 option in *cc...cc*1 definition command is specified, *pp...pp*2 operand of *oo...oo*2 option in *cc...cc*2 definition command cannot be specified. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

*pp...pp*2: Name of the operand with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10339-E (E)

when *oo...oo*1 option of *cc...cc*1 definition command specifies *vv...vv*1, *vv...vv*2 cannot be specified with *oo...oo*2 option of *cc...cc*2 definition command. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*vv...vv*1: Value that caused the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

*vv...vv*2: Value that cannot be specified

ll...ll: Line number of the definition command with which an error occurred.

S: Continues processing, ignoring this definition command.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option and retry processing.

KFCA10340-W (E)

when *oo...oo*1 option of *cc...cc*1 definition command specifies *vv...vv*, *pp...pp* operand of *oo...oo*2 option in *cc...cc*2 definition command is ignored. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Value that caused the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

pp...pp: Name of the operand with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

KFCA10341-E (E)

when *pp...pp*1 operand of *oo...oo*1 option in *cc...cc*1 definition command specifies *vv...vv*1, *vv...vv*2 cannot be specified with *pp...pp*2 operand of *oo...oo*2 option in *cc...cc*2 subcommand. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*vv...vv*1: Value related to the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

*pp...pp*2: Name of the operand with which an error occurred

*vv...vv*2: Value that cannot be specified

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

KFCA10342-E (E)

when *pp...pp*1 operand of *oo...oo* option in *cc...cc*1 definition command specifies *vv...vv*1, *vv...vv*2 cannot be specified with *oo...oo*2 option of *cc...cc*2 definition command. line=*ll...ll*

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*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*vv...vv*1: Value related to the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option with which an error occurred

*vv...vv*2: Value that cannot be specified

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

KFCA10343-E (E)

when *oo...oo*1 option of *cc...cc*1 definition command specifies the same value as *oo...oo*2 option of *cc...cc*2 definition command, *oo...oo*3 options of both definition commands must be the same. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*cc...cc*2: Name of the definition command with which an error occurred

*oo...oo*2: Name of the option related to the error

*oo...oo*3: Name of the option with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this option.

KFCA10344-E (E)

when *oo...oo*1 option of *cc...cc*1 definition command specifies the same value as *oo...oo*2 option of *cc...cc*2 definition command, *pp...pp*3 operands of *oo...oo*3 options of both definition commands must be the same. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*cc...cc*2: Name of the definition command related to the error

*oo...oo*2: Name of the option related to the error

*oo...oo*3: Name of the option with which an error occurred

*pp...pp*3: Name of the operand with which an error occurred

ll...ll: Line number of the definition command with which an error occurred

S: Continues processing, ignoring this operand.

KFCA10345-W (S)

```
unseparated definition file; dd...dd1 definition was removed and
only dd...dd2 definition was converted into object.
```

*dd...dd*1: Removed definition type

*dd...dd*2: Converted definition type

KFCA10346-I (S)

```
definition object generation utility terminated abnormally.
```

S: Invalidates this command.

O: See the message that was output before this message.

KFCA10347-I (S)

```
definition object generation utility detected definition error
and terminated processing.
```

S: Invalidates this command.

O: See the message that was output before this message.

KFCA10348-I (S)

```
definition object generation utility started.
```

S: Starts the definition object generation utility processing.

If the value for the LANG environment variable is omitted or invalid, the message is output in English.

KFCA10349-I (S)

```
definition object generation utility terminated normally.
definition type=nn...nn, definition source file=ss...ss, definition
object file=oo...oo
```

nn...nn: Definition type (MCF manager definition, MCF communication configuration definition, MCF application definition, or NET communication configuration definition)

ss...ss: Definition source file name

oo...oo: Definition object file name

S: Terminates definition object generation utility processing.

> If the value for the LANG environment variable is omitted or invalid, the message is output in English.

KFCA10350-I (S)

mmm `MCF operation command was entered. command name=`*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Starts processing of the MCF operation command.

KFCA10351-E (E+O)

mmm `operation command cannot be accepted during MCF start processing. command name=`*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Invalidates this command.

O: Wait until MCF start processing terminates, and reenter the command.

KFCA10352-E (E+O)

mmm `operation command cannot be accepted during MCF termination processing. command name=`*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Invalidates this command.

KFCA10353-W (E)

mmm `input format of MCF operation command is invalid. command name=`*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Invalidates this command because of a syntax error in the command description.

O: Reenter the command with correct format.

KFCA10354-E (E+O)

mmm memory became insufficient while executing MCF operation command. command name=*aa...aa* size=*bb...bb*bytes area type=*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Size of memory attempted to be allocated

cc...cc: Type of the area where memory became insufficient

    PROCESS: Process-specific memory

    MCF_SHMPOOL: MCF work area

S: Terminates command processing.

O: Reenter the command. If the same error occurs again, contact the OpenTP1 administrator.

Countermeasure: When memory became insufficient in a process-specific area, modify the number of processes. Then, re-execute.

    When memory became insufficient in an MCF work area, modify the MCF work area size in the MCF manager definition. Also modify the total size of the static shared memory in the system environment definition. Then, re-execute.

KFCA10355-W (E)

mmm MCF operation command specifies invalid argument. command name=*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Invalidates the command and terminates command processing.

O: Check the following for the arguments specified by the command and reenter the command.

- An invalid character must not be used.

- The specification range must not be exceeded.

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KFCA10356-E (E+O)

mmm `timeout occurred while processing MCF operation command.`
`command name=`*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Terminates command processing.

O: Refer to the previous message output in the log or use the status display command to check the execution results of the command.

KFCA10357-E (E+O)

mmm `timeout occurred while processing MCF operation command.`
`command name=`*aa...aa* `ID=`*xx...xx*

mmm: MCF identifier

aa...aa: Command name

xx...xx: Connection name, logical terminal name, or service group name of the command target

S: Terminates command processing.

O: Refer to the previous message output in the log or use the status display command to check the execution results of the command.

KFCA10358-E (E+O)

mmm `internal function returned with error while processing MCF`
`operation command. command name=`*aa...aa* `internal function=`*tt...tt*
`return=`*cc...cc* `processing function=`*ff...ff*

mmm: MCF identifier

tt...tt: Internal function name that is returned with an error

aa...aa: Command name

ccccc: Return code of the internal function that is returned with an error

ff...ff: Name of the processing function

S: Suspends operation command processing.

O: If the communication service process does not terminate, contact your Hitachi customer engineer. If the communication service process terminates, activate it, then reenter the command.

KFCA10359-W (L+E)

mmm failure to respond to MCF operation command process. command name=*aa...aa* reason=*bb...bb* processing function=*cc...cc* position=*dd*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Reason code

    Reason codes and countermeasures are listed in the table below.

cc...cc: Processing function name (maintenance information)

dd: Serial number in the processing function (maintenance information)

S: Terminates command processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Refer to the reason code list, then take appropriate action.

Reason code	Meaning	Countermeasure	Output destination
-301	A specified argument is invalid.	Contact your Hitachi customer engineer.	Message log file
-302	A function issue order error occurred.		
-303	An unrecoverable or unexpected error occurred.		
-304	There is insufficient memory.	Check the amount of memory being used.	
-306	A network error occurred.	Determine the cause of the error by applying the following procedure: 1. Check the node connection status by using a command provided by the OS. 2. Check the execution status and output message of the MCF operation command input origin.	
-307	An exchange timeout occurred.		
-308	The input parameter length exceeds the limit.		
-314	There is no process provided by the relevant service.		

Reason code	Meaning	Countermeasure	Output destination
–19178	A request for an operation command was received by one of the following processes, but the number of sendable RPC communications in the response communicating the processing result exceeded the maximum: • MCF manager process	Take one of the following actions to reduce the number of service groups, services, applications, or logical terminals covered by a single operation command execution: • Do not use batch specification when executing operation commands. • Add prefix character strings when using batch specifications.	Standard error output

	• MCF communication process
	• Application start process
		Example:
		In this example, batches are specified with prefix character strings using the following conditions:
		No. of applications: 4,000
		Application names: APA*nnnn*, APB*nnnn*, APC*nnnn*, APD*nnnn* (*nnnn*: positive integer between 0001 and 1000)
		Example specifying batches with prefix character strings:
		`mcftactsg -g "APA*"`
		`mcftactsg -g "APB*"`
		`mcftactsg -g "APC*"`
		`mcftactsg -g "APD*"`
		
		Execute a show status command provided by the MCF (such as the `mcftlssg` command, which shows service group status) to determine whether the operation command request was processed normally.
		Carefully review whether the upper limits of status inheritance definitions for service groups, services, applications, or logical terminals (`mcfmsts -g` option, `mcfmsts -v` option, `mcftsts -a` option, or `mcftsts -l` option) have been exceeded.	

Reason code	Meaning	Countermeasure	Output destination
		If this message is output when one of the following operation commands is executed, reduce the number of applications or logical terminals the operation command is executed on, and then re-execute the command. • `mcfaclcap` • `mcfadltap` • `mcftactmj` • `mcftdctmj`	

KFCA10360-I (S)

`starts to show the status of CN,LE,BUF,SV,SVG,APP,SRV,TAP,UTM.`

`CN`: Connection

`LE`: Logical terminal

`BUF`: Buffer group

`SV`: Service

`SVG`: Service group

`APP`: Application

`SRV`: Network

`TAP`: Timer start application

`UTM`: User timer monitoring

S: Starts displaying the status.

KFCA10361-I (S)

mmm cc...cc pp...pp sss ddd bbbbbbbb

mmm: MCF identifier

cc...cc: Connection ID

pp...pp: Protocol type

    `UA`: User Agent

    `HDL`: HDLC

    `XP`: XMAP3

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TP: OSI TP

TCP: TCP/IP

NIF: HNA-NIF

HS1: HSC1 procedure

HS2: HSC2 procedure

X25: X25

560: HNA-560/20

CSB: NCSB

SL2: SLU-Type P-2

CT1: HNA-CTM-1

sss: Connection status

DCT: Inactive state

ACT: Active state

DCT/B: Being deactivated

ACT/B: Being activated

ddd: Maintenance information (detailed status information)

bbbbbbbb: Protocol-specific information

S: Displays the protocol common information for the connection status.

KFCA10362-I (S)

ll...ll   ttt   uu...uu   uu...uu

ll...ll: Additional information for the connection for each protocol

ttt: Additional information for the connection for each protocol

uu...uu: Additional information for the connection for each protocol

S: Displays the additional information, including the logical terminal that corresponds to this connection, as detailed information about the connection conditions.

KFCA10364-I (S)

mmm   ll...ll   sss 〔*ttt*〕

mmm: MCF identifier

ll...ll: Logical terminal name

sss: Logical terminal status

> ACT: Release from shutdown

> DCT: Shutdown

tttt: Whether the logical terminal is in the test mode (displayed when TP1/Message Control/Tester is used)

> TEST: In the test mode

> Blank: Not in the test mode

S: Displays the logical terminal status.

KFCA10365-I (S)

tt...tt nn...nn mm...mm xx...xx

tt...tt: Request message type

> SYNC: Synchronous

> IO: Asynchronous inquiry-response

> NORM: Asynchronous normal branch

> PRIO: Asynchronous priority branch

nn....nn: Number of unsent messages

mm....mm: First serial number of unsent messages

xx....xx: Last serial number of unsent messages

> If the serial numbers wrap, the first serial number may be greater than the last serial number.

S: Displays the status of the send queue.

KFCA10366-I (S)

mmm gg...gg NN...NN XX...XX YY...YY ZZ...ZZ

mmm: MCF identifier

gg...gg: Buffer group number

NN...NN: Number of buffers

XX....XX: Number of buffer in use

YY...YY: Number of extended buffers

ZZ....ZZ: Number of extended buffer in use

S: Displays the usage status of buffers.

KFCA10367-I (S)

mmm gg....gg iii ooo nnn [（*uuu*）] [*tttt*]

mmm: MCF identifier

gg....gg: Service group name

iii: Service group status (input)

ACT: Release from shutdown

DCT: Shutdown

***: For the SPP service group

ooo: Service group status (schedule)

ACT: Release from shutdown

DCT: Shutdown

***: For the SPP service group

nnn: Number of unprocessed received messages of the ITQ that correspond to the service group (can be displayed to the upper limit of int)

uuu: Maximum number of unprocessed received messages of the ITQ that correspond to the service group (can be displayed to the upper limit of int)

tttt: Whether the service group is in the test mode (displayed when TP1/Message Control/Tester is used)

TEST: In the test mode

Blank: Not in the test mode

S: Displays the status of the service group.

KFCA10368-I (S)

mmm vv...vv sss ooo

mmm: MCF identifier

vv...vv: Service name

sss: Service status (input)

ACT: Release from shutdown

DCT: Shutdown

`***`: For the SPP service

ooo: Service status (schedule)

`ACT`: Release from shutdown

`DCT`: Shutdown

`***`: For the SPP service

S: Displays the service status.

KFCA10369-I (S)

```
terminates to show the status of
CN,LE,BUF,SV,SVG,APP,SRV,TAP,UTM.
```

`CN`: Connection

`LE`: Logical terminal

`BUF`: Buffer group

SV: Service

`SVG`: Service group

`APP`: Application

`SRV`: Network

`TAP`: Timer start application

`UTM`: User timer monitoring

S: Terminates display of status.

KFCA10370-I (S)

mmm `MCF operation command was normally accepted. command name=`*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Terminates command processing.

KFCA10371-I (S)

mmm `MCF operation command was normally accepted. command name=`*aa...aa* `ID=`*xx...xx*

mmm: MCF identifier

aa...aa: Command name

xx...xx: Name of the connection, logical terminal, or service group that is the target of the command

S: Terminates command processing.

KFCA10372-E (E+O)

mmm MCF operation command terminated abnormally. command name=*aa...aa* error code=*nn...nn*

mmm: MCF identifier

aa...aa: Command name

nn...nn: Error code

The table shows the correspondence between the error codes and the countermeasures.

S: Terminates command processing.

O: Refer to the previous message and eliminate the cause of the error. Alternatively, contact the OpenTP1 administrator.

Error codes

Error code	Meaning	Countermeasure
-15201	OpenTP1 is being started.	Re-enter the command after OpenTP1 is started.
-15209	The inter-thread communication failed.	Contact maintenance personnel.
-15215	OpenTP1 is begin started.	Re-enter the command after OpenTP1 is started.
-15217	OpenTP1 is being terminated.	
-15240	The specified connection destination name is being used.	Wait until the specified connection destination name becomes available and re-enter the command.
-15241	The specified connection destination list identifier is invalid.	Check the specified connection destination name and the connection destination definition list.
-15242	The specified connection destination name does not exist in the specified connection destination list.	
-15243	An unrecoverable error or an unexpected error occurred.	Contact maintenance personnel.

Error code	Meaning	Countermeasure
-30300	An analysis error is found in the entered address information.	Refer to the previous message.
-30301	Memory is insufficient.	Check the amount of the memory available.
-30302	An unrecoverable error or an unexpected error occurred.	Contact maintenance personnel.
Other codes	Other errors	Contact the OpenTP1 administrator.

KFCA10373-E (E+O)

mmm `MCF operation command terminated abnormally. command name=`*aa...aa* `maintenance code=`*nn...nn* `ID=`*xx...xx*

mmm: MCF identifier

aa...aa: Command name

nn...nn: Maintenance code

xx...xx: Name of the connection, logical terminal, or service group that is the target of the command

S: Terminates command processing.

O: Refer to the previous message and eliminate the cause. Or, contact the OpenTP1 administrator.

KFCA10374-I (S)

`untransmitted messages were copied to a file. number of messages=`*nn...nn*

nn...nn: Number of copied messages

S: Displays the execution results of the `mcftdmpqu` command.

KFCA10375-I (S)

`file=`*aa...aa*

aa...aa: Output file name

Outputs `**...**` when the number of copied messages is `0`.

S: Displays the execution results of the `mcftdmpqu` command.

KFCA10378-I (S)

ii ooo

iii: Input hold status of the input queue

NOH: Releases input holding.

HLD: Holds the input.

***: For the SPP service group

ooo: Schedule (output) hold status of the input queue

NOH: Releases schedule holding.

HLD: Holds the schedule.

***: For the SPP service group

S: Displays the input queue status for the service group.

KFCA10379-I (S)

mmm kkk aa...aa iii ooo 〔*tttt*〕

mmm: MCF identifier

kkkk: Application type

aa...aa: Application name

iii: Application status (input)

ACT: Release from shutdown

DCT: Shutdown

***: For the SPP application

ooo: Application status (schedule)

ACT: Release from shutdown

DCT: Shutdown

***: For the SPP application

tttt: Whether the logical terminal is in test mode (displayed when TP1/Message Control/Tester is used)

TEST is displayed in test mode. A blank appears in non-test mode.

S: Displays the service status.

KFCA10380-E (E+O)

mmm failure to search for process specified in MCF operation
command. command name=*aa...aa* return=*bb...bb* detail=*cc..cc* position=*dd*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Return code (maintenance information)

cc...cc: Detail information (maintenance information)

dd: Generation location(maintenance information)

S: Invalidates this command and terminates processing.

O: Check if the correct process identifier is specified. If it is correct, contact the
OpenTP1 administrator.

Countermeasure: Check that the remote server is started up. Also check the maximum
number of socket file descriptors specified in the max_socket_descriptors
operand of the system service common information definition.

KFCA10381-E (E)

mmm connection name specified with MCF operation command is not
cataloged. command name=*aa...aa* connection name=*cc...cc*

mmm: MCF identifier

aa...aa: Command name

cc...cc: Specified connection name

S: Invalidates this command and terminates processing.

O: Specify the correct name and re-execute.

KFCA10382-E (E)

mmm logical terminal name specified with MCF operation command
is not cataloged. command name=*aa...aa* logical terminal name=*ll...ll*

mmm: MCF identifier

aa...aa: Command name

ll...ll: Specified logical terminal name

S: Invalidates this command and terminates processing.

O: Specify the correct name and re-execute.

KFCA10383-E (E)

mmm `service group name specified with MCF operation command is not cataloged. command name=`*aa...aa* `service group name=`*ss...ss*

mmm: MCF identifier

aa...aa: Command name

ss...ss: Specified service group name

S: Invalidates this command and terminates processing.

O: Specify the correct name and re-execute.

KFCA10384-E (E)

mmm `service name specified with MCF operation command is not cataloged. command name=`*aa...aa* `service name=`*ll...ll*

mmm: MCF identifier

aa...aa: Command name

ll...ll: Specified service name

S: Invalidates this command and terminates processing.

O: Specify the correct name and re-execute.

KFCA10385-E (E)

mmm `buffer group number specified with MCF operation command is not cataloged. command name=`*aa...aa* `buffer group number=`*nn...nn*

mmm: MCF identifier

aa...aa: Command name

nn...nn: Specified buffer group number

S: Invalidates this command and terminates processing.

O: Specify the correct buffer group number and re-execute.

KFCA10386-E (E)

mmm `application name specified with MCF operation command is not cataloged. command name=`*aa....aa* `application name=`*bb....bb* `application type=`*cc....cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Application name

cc...cc: Application type

S: Invalidates this command and terminates processing.

O: Specify the correct application name and re-execute.

KFCA10390-E (E)

mmm MCF operation command specifies invalid combination of
connection name and logical terminal name. command name=*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Invalidates this command and terminates processing.

O: Specify the correct connection name and the logical terminal name and re-execute.

KFCA10391-E (E+O)

mmm MCF operation command is not supported. command name=*aa...aa*

mmm: MCF identifier (`***` is displayed when the `-s` option is omitted.)

aa...aa: Command name

S: Cannot execute processing since the command is not supported by the protocol of
the target process. The system invalidates the command.

KFCA10392-E (E)

mmm program product required to execute MCF command is not
installed. command name=*aa...aa* program product=*bb...bb*

mmm: MCF identifier (`***` is displayed when the `-s` option is omitted.)

aa...aa: Command name

bb...bb: Program product name

S: Invalidates this command and terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Install the required program product according to the determined
procedure.

KFCA10393-E (E)

mmm `no application (UCMDEVT) to be activated by an MCF operation command event. command name=`*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Invalidates this command and terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Add the UCMDEVT definition to the MCF application definition.

KFCA10394-E (E)

mmm `error occurred because of the input message length of an MCF operation command event. command name=`*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Invalidates this command and terminates processing.

O: Specify an input message of 1 to 80 characters with the -t option, then re-execute.

KFCA10395-E (E)

mmm `unconnected logical terminal specified for connection specified by MCF operation command. command name=`*aa...aa*

mmm: MCF identifier

aa...aa: Command name

S: Invalidates this command and terminates processing.

O: Specify a valid connection name and logical terminal name, then re-execute.

KFCA10396-I (S)

mmm aa...aa bb...bb cc...cc dd...dd ee...ee ff...ff gg...gg

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Indicates whether a resource is recovered to the status it had before updating when a transaction in test mode ends.

back: Recovers the resource.

nobk: Does not recover the resource.

cc...cc: Indicates whether MHP trace information is to be acquired during transaction processing in test mode.

trac: Acquires MHP trace information

notr: Does not acquire MHP trace information.

dd...dd: Indicates whether a send message issued by a test mode transaction is to be invalidated.

swms: Invalidates the send message.

nosw: Does not invalidate the send message.

ee...ee: Indicates whether activation of the error event, which occurs when a test mode transaction terminates abnormally, is to be suppressed.

erre: Suppresses error event activation.

noer: Does not suppress error event activation.

ff...ff: Indicates whether the application activation message issued by the test mode transaction is to be invalidated.

exec: Invalidates the application activation message.

noex: Does not invalidate the application activation message.

gg...gg: Indicates whether the MHP automatic shutdown function is to be suppressed if the test mode transaction terminates abnormally.

hold: Suppresses the automatic shutdown function.

noho: Does not suppress the automatic shutdown function.

S: Displays the test mode status.

KFCA10397-I (S)

```
starting display of aa...aa status in test mode.
```

aa...aa: Display target

APP: Application

LE: Logical terminal

SVG: Service group

S: Starts display of the test mode status.

KFCA10398-I (S)

ending display of *aa...aa* status in test mode.

aa...aa: Display target

APP: Application

LE: Logical terminal

SVG: Service group

S: Ends display of the test mode status.

KFCA10399-I (S)

aaaaa bbbbbbbb

aaaaa: Alternate type

ALT_F: Alternate origin

ALT_T: Alternate destination

bbbbbbbb: Logical terminal name

When the logical terminal whose status is displayed is the logical terminal of the alternate origin, the corresponding logical terminal name of the alternate destination is also displayed. If the logical terminal whose status is displayed is the logical terminal of the alternate destination, the corresponding logical terminal name of the alternate origin is displayed.

S: Displays the alternate information corresponding to the logical terminal whose status is to be displayed.

KFCA10500-I (S)

input format: mcftactcn [-s communication process ID] {-c connection name | -g connection group name} [-u subconnection name] [-S XPservice name @ host name]

Indicates the input format of mcftactcn. This message appears when the input format is incorrect.

KFCA10501-I (S)

input format: mcftdctcn [-s communication process ID] {-c connection name | -g connection group name} [-u subconnection name] [-f]

674

Indicates the input format of `mcftdctcn`. This message appears when the input format is incorrect.

KFCA10502-I (S)

```
input format: mcftlscn [-s communication process ID] {-c
connection name | -g connection group name} [-d]
```

Indicates the input format of `mcftlscn`. This message appears when the input format is incorrect.

KFCA10503-I (S)

```
input format: mcftactle [-s communication process ID] [-c
connection name] -l logical terminal name [-t shutdown release
type]
```

Indicates the input format of `mcftactle`. This message appears when the input format is incorrect.

KFCA10504-I (S)

```
input format: mcftdctle [-s communication process ID] [-c
connection name] -l logical terminal name [-t shutdown release
type]
```

Indicates the input format of `mcftdctle`. This message appears when the input format is incorrect.

KFCA10505-I (S)

```
input format: mcftlsle [-s communication process ID] [-c
connection name] -l logical terminal name [-q]
```

Indicates the input format of `mcftlsle`. This message appears when the input format is incorrect.

KFCA10506-I (S)

```
input format: mcftspqle -s communication process ID -l logical
terminal name -t message type [-g]
```

Indicates the input format of `mcftspqle`. This message appears when the input format is incorrect.

KFCA10507-I (S)

input format: mcftdlqle [-s communication process ID] -l logical
terminal name [-d deletion type]

Indicates the input format of `mcftdlqle`. This message appears when the input format is incorrect.

KFCA10508-I (S)

input format: mcftswptr [-s communication process ID]

Indicates the input format of `mcftswptr`. This message appears when the input format is incorrect.

KFCA10509-I (S)

input format: mcftlsbuf -s communication process ID -b buffer
group number

Indicates the input format of `mcftlsbuf`. This message appears when the input format is incorrect.

KFCA10510-I (S)

input format: mcftactsv -v service name

Indicates the input format of `mcftactsv`. This message appears when the input format is incorrect.

KFCA10511-I (S)

input format: mcftdctsv -v service name [-t shutdown type]

Indicates the input format of `mcftdctsv`. This message appears when the input format is incorrect.

KFCA10512-I (S)

input format: mcftlssv -v service name

Indicates the input format of `mcftlssv`. This message appears when the input format is incorrect.

KFCA10513-I (S)

```
input format: mcftactsg -g service group name [-t shutdown
release type]
```

Indicates the input format of mcftactsg. This message appears when the input format is incorrect.

KFCA10514-I (S)

```
input format: mcftdctsg -g service group name [-t shutdown type]
[-r]
```

Indicates the input format of mcftdctsg. This message appears when the input format is incorrect.

KFCA10515-I (S)

```
input format:mcftlssg -g service group name [-q] [-m]
```

Indicates the input format of mcftlssg. This message appears when the input format is incorrect.

KFCA10516-I (S)

```
input format: mcfaactap -s communication process ID -a
application name [-K application type]
```

Indicates the input format of mcfaactap. This message appears when the input format is incorrect.

KFCA10517-I (S)

```
input format: mcfadctap -s communication process ID [-t shutdown
type] -a application name [-K application type]
```

Indicates the input format of mcfadctap. This message appears when the input format is incorrect.

KFCA10518-I (S)

```
input format: mcfalsap -s communication process ID -a
application name [-K application type]
```

Indicates the input format of mcfalsap. This message appears when the input format is incorrect.

KFCA10519-I (S)

```
input format: mcftdmpqu -k output unit type [-u output unit name]
-f dump file name [-a]
```

Indicates the input format of `mcftdmpqu`. This message appears when the input format is incorrect.

KFCA10520-I (S)

```
input format: mcfaclcap -s communication process ID -a
application name [-K application type]
```

Indicates the input format of `mcfaclcap`. This message appears when the input format is incorrect.

KFCA10521-I (S)

```
input format: mcftendct [-s communication process ID] -l logical
terminal name[-f]
```

Indicates the input format of `mcftendct`. This message appears when the input format is incorrect.

KFCA10522-I (S)

```
input format: mcftdlqsg -g service group name [-d deletion type]
```

Indicates the input format of `mcftdlqsg`.

KFCA10523-I (S)

```
input format: mcfthldiq -g service group name [-k holding type]
```

Indicates the input format of `mcfthldiq`.

KFCA10524-I (S)

```
input format: mcftrlsiq -g service group name [-k holding
release type]
```

Indicates the input format of `mcftrlsiq`.

KFCA10525-I (S)

```
input format: mcfthldoq [-s communication process identifier] -l
logical terminal name [-k holding type]
```

Indicates the input format of `mcfthldoq`.

KFCA10526-I (S)

```
input format: mcftrlsoq [-s communication process identifier] -l
logical terminal name [-k holding release type]
```

Indicates the input format of `mcftrlsoq`.

KFCA10527-I (S)

```
input format: mcftactmj [-s communication process ID] -l logical
terminal name
```

Indicates the input format of `mcftactmj`. This message appears when the input format is incorrect.

KFCA10528-I (S)

```
input format: mcftdctmj [-s communication process ID] -l logical
terminal name
```

Indicates the input format of `mcftdctmj`. This message appears when the input format is incorrect.

KFCA10529-I (S)

```
input format: mcfadltap [-s communication process ID] -a
application name
```

Indicates the input format of `mcfadltap`. This message appears when the input format is incorrect.

KFCA10530-I (S)

```
input format: mcftchcn [-s communication process identifier] -f
switching origin connection name -t switching destination
connection name
```

Indicates the input format of `mcftchcn`.

KFCA10531-I (S)

```
input format: mcftcngtr [-s communication process identifier] -k
trace option
```

Indicates the input format of `mcftcngtr`. This message is output if the input format is invalid.

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KFCA10532-I (S)

```
input format: mcfuevt-s communication process identifier
-t input message
```

Indicates the input format of `mcfuevt`.

KFCA10533-I (S)

```
input format: mcftules -l logical terminal name
[-e"[backout][trace][swmsg][errevt][execap][holdlimit]"]
```

Help message for `mcftules`

KFCA10534-I (S)

```
input format: mcftulee -l logical terminal name
```

Help message for `mcftulee`

KFCA10535-I (S)

```
input format: mcftulsle -l logical terminal name
```

Help message for `mcftulsle`

KFCA10536-I (S)

```
input format: mcfauaps -s communication process identifier -a
application name [-k application type]
[-e"[backout][trace][swmsg][errevt][execap][holdlimit]"]
```

Help message for `mcfauaps`

KFCA10537-I (S)

```
input format: mcfauape -s communication process identifier -a
application name [-k application type]
```

Help message for `mcfauape`

KFCA10538-I (S)

```
input format: mcfaulsap -s communication process identifier -a
application name [-k application type]
```

Help message for `mcfaulsap`

KFCA10539-I (S)

```
input format: mcftactss [-s communication process identifier][-c
connection name] -l logical terminal name
```

Indicates the input format of `mcftactss`.

KFCA10540-I (S)

```
input format: mcftdctss [-s communication process identifier]
[-c connection name] -l logical terminal name
```

Indicates the input format of `mcftdctss`.

KFCA10541-I (S)

```
input format: mcftstalt [-s communication process identifier] -f
logical terminal name of alternate origin
-t logical terminal name of alternate destination
```

Indicates the input format of `mcftstalt`.

KFCA10542-I (S)

```
input format: mcftedalt [-s communication process identifier] -l
logical terminal name
```

Indicates the input format of `mcftedalt`.

KFCA10543-I (S)

```
input format: mcfutfst [-u test user ID]
```

Help message for `mcfutfst`

KFCA10544-I (S)

```
input format: mcflsutf
```

Help message for `mcflsutf`

KFCA10547-I (S)

```
input format:mcftchrn -s communication process ID -Q remote
terminal definition list identifier
```

This is the input format of the `mcftchrn` command. The message is output if the input
format is incorrect.

KFCA10548-I (S)

```
input format: mcftusgs -g service group name [-e "[backout]
[trace] [swmsg] [errevt] [execap] [holdlimit]"]
```

This is a help message of the `mcftusgs` command.

KFCA10549-I (S)

```
input format: mcftusge -g service group name
```

This is a help message of the `mcftusge` command.

KFCA10550-I (S)

```
input format: mcftulssg -g service group name
```

This is a help message of the `mcftulssg` command.

KFCA10551-I (S)

```
input format: mcftalccn -s communication process ID
-c connection name -p protocol kind
```

Indicates the input format of `mcftalccn`.

KFCA10552-I (S)

```
input format:mcftdlccn -s communication process ID -c connection
name
```

Indicates the input format of `mcftdlccn`.

KFCA10559-I (S)

```
input format:mcftonln -s communication process ID
```

Indicates the input format of `mcftonln`.

KFCA10560-I (S)

```
input format:mcftofln -s communication process ID
```

Indicates the input format of `mcftofln`.

KFCA10561-I (S)

```
input format:mcftlsln [-s communication process ID] [-t]
```

Indicates the input format of `mcftlsln`.

KFCA10562-I (S)

```
input format:mcftlsutm [-s communication process ID] {-a
application name | -l logical terminal name}
```

Indicates the input format of `mcftlsutm`.

KFCA10563-I (S)

```
input format:mcfalstap [-s application activation schedule
process ID] -a application name
```

Indicates the input format of `mcfalstap`. This message appears when the input format is incorrect.

KFCA10604-E

mmm message input error was detected. connection name=*aa...aa*, logical terminal name=*bb...bb*, application name=*cc...cc*, application type=*dd...dd*, error code=*ee...ee*

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Application name

dd...dd: Application type

    `mcf`: MCF event

    `user`: User application

ee...ee: Error code

    `-11553`: The application is undefined.

        Check and, if necessary, correct the application definition.

    `-11577`: Local memory is insufficient.

        Allocate sufficient memory to enable operation of the MCF communication process.

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-11586: An attempt to start the application or the system event failed.

Determine the cause of the failure and take appropriate action.

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take action according to the error code.

KFCA10605-E

mmm message output error was detected. connection name=*aa...aa*, logical terminal name=*bb...bb*, error code=*cc...cc*

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Error code

-10207: Local memory is insufficient.

Allocate sufficient memory to enable operation of the MCF communication process.

-10333: An I/O error occurred in the queue file.

Determine the cause and take appropriate action.

-10341: The send buffer size is smaller than the message length read from the queue file.

Carefully review the buffer size of the MCF communication configuration definition mcftbuf command.

-11230: Memory is insufficient for TP1/Server Base.

Allocate sufficient memory to enable operation of TP1/Server Base.

-11519: The buffers for editing messages or the buffers for sending messages are insufficient.

Carefully review the number of buffers in the MCF communication configuration definition mcftbuf command.

-11548: The number of used buffers is invalid when control returns to OpenTP1 from the message output editing user exit routine.

Check and correct the user exit routine. Then re-create the MCF communication process.

-11580: The valid segment length is invalid when control returns to OpenTP1

from the message output editing user exit routine.

Check and correct the user exit routine. Then re-create the MCF communication process.

-11581: The edit buffer list address is invalid when control returns to OpenTP1 from the message output editing user exit routine.

Check and correct the user exit routine. Then re-create the MCF communication process.

0 or -19000 to -19999: Detailed return information from user exit routines

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take action according to the error code.

KFCA10606-E

mmm synchronous message response error was detected. connection name=*aa...aa*, logical terminal name=*bb...bb*, error code=*cc...cc*

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Error code

-10408: The UAP to which a response to the synchronization function was to be sent has already stopped. Another possibility is that the number of messages that were received exceeded the upper limit for RPC communication.

Other than above: An error other than the one shown above occurs.

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error indicated by the error code.

KFCA10607-W

mmm send message was discarded. connection name=*aa...aa*, logical terminal name=*bb...bb*, serial number=(*cc...cc*, *d*, *ee...eeff...ff*)

A send message was discarded due to one of the following events:

- A connection was released or established while a response message was waiting in the output queue.[#]

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- In inquiry response processing or continuation inquiry response processing, the next message or `init` online command (display initial screen) was received from a terminal while a response message was waiting in the output queue.[#]

- Some other error has occurred.

\#

On terminals where `manual` is specified for the `-a` option of the `msgadv` operand in the MCF communication configuration definition (`mcftalcle`), this includes a send message waiting in the output queue because the next message request queue is not pushed.

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Message output serial number (* when the number is not set)

d: Message type

n: Normal branch message

p: Priority branch message

o: Reply message

ee...eeff...ff: Message input serial number (maintenance information)

S: Continues processing.

O: If you cannot determine the cause of the error, contact the OpenTP1 administrator.

Countermeasure: Take corrective action according to the failure message, if any, appearing before this message. If the failure message is not available and the cause is not identifiable, contact the maintenance personnel.

KFCA10608-W

mmm `message transmission was suspended. connection name=`*aa...aa*`,`
`logical terminal name=`*bb...bb*`, serial number=(`*cc...cc*`,` *d*`,` *ee...eeff...ff*`)`

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Message output serial number (* when the number is not set)

d: Message type

n: Normal branch message

p: Priority branch message

o: Reply message

ee...eeff...ff: Message input serial number (maintenance information)

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take corrective action according to the failure message, if any, appearing before this message. If the failure message is not available and the cause is not identifiable, contact the maintenance personnel.

KFCA10609-E

mmm error occurred during journal acquisition. connection name=*aa...aa*, logical terminal name=*bb...bb*, journal type=*cccc*, reason code=*dd...dd*, maintenance code1=*ee...ee*, maintenance code2=*ff...ff*

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cccc: Journal category

IJ: input_journal

AJ: ack_journal

MJ: msg_journal

dd...dd: Reason code

00000001: The intra-process journal buffer is running short.

00000002: The system journal buffer is running short.

99999999: A logical error has occurred.

ee...ee: Maintenance code 1

ff...ff: Maintenance code 2

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take corrective action according to the reason code.

00000001: Enlarge the MCF communication configuration definition's journal buffer (mcftcomn -j) before executing the command again.

`00000002`: Increase the system journal service definition's maximum record length (`jnl_max_datasize`) before executing the command again.

`99999999`: Contact the maintenance personnel.

KFCA10610-E

mmm `failure to get application name. connection name=`*aa...aa*`,`
`logical terminal name=`*bb...bb*`, error code=`*cc...cc*

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Error code

> `-10207`: Local memory is insufficient.
>
>> Allocate sufficient memory to enable operation of the MCF communication process.
>
> `-11528`: The buffers for editing messages are insufficient.
>
>> Carefully review the number of buffers in the MCF communication configuration definition `mcftbuf` command.
>
> `-11548`: The number of used buffers is invalid when control returns to OpenTP1 from the message input editing user exit routine.
>
>> Check and correct the user exit routine. Then re-create the MCF communication process.
>
> `-11576`: The receive message segment begins with a space character (the application name is invalid).
>
>> Change the format of the application name sent from the remote system.
>
> `-11580`: The valid segment length is invalid when control returns to OpenTP1 from the message input editing user exit routine.
>
>> Check and correct the user exit routine. Then re-create the MCF communication process.
>
> `-11581`: The edit buffer list address is invalid when control returns to OpenTP1 from message input editing user exit routine.
>
>> Check and correct the user exit routine. Then re-create the MCF communication process.
>
> `-11582`, `-11592`: The format of the application name is invalid when control returns to OpenTP1 from the message input editing user exit routine.

Check and correct the user exit routine. Then re-create the MCF communication process.

−11583, −11593: The application name length is invalid when control returns to OpenTP1 from the message input editing user exit routine.

Check and correct the user exit routine. Then re-create the MCF communication process.

−11584, −11594: The first nine bytes of the receive message segment do not contain a space character (the application name length is invalid).

Change the length of the application name sent from the remote system.

−11585, −11595: The application name length is invalid in the receive message segment (the length is 0).

Change the length of the application name sent from the remote system.

0 or −19000 to −19999: Detailed return information from user exit routines

Other error codes: Maintenance information

Take corrective action as indicated in the error message that was output before this message.

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take action according to the error code.

KFCA10611-E

```
mmm user exit routine returned with error. connection
name=aa...aa, logical terminal name=bb...bb, type of user exit
routine=cccc error code=dd...dd
```

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: User exit routine type

min: Message input edit user exit routine

mout: Message output edit user exit routine

acn*X*: Association establishment user exit routine

X:

q: UINT request user exit routine

        `i`: UINT instruction user exit routine

        `p`: UINT confirmation user exit routine

dd...dd: User exit routine detailed return code (`0`,`-1900` to `-19999`) (information optionally added by a user exit routine)

S: Performs user exit routine error processing corresponding to a protocol.

O: Contact the OpenTP1 administrator.

KFCA10617-E

mmm `error occurred during message transmission completion processing. connection name=`*aa...aa*`, logical terminal name=`*bb...bb*`, error code=`*cc...cc*

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Error code

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error indicated by the error code.

KFCA10618-E

mmm `buffer allocation failed because of insufficient buffer. connection name=`*aa...aa*`, buffer type=`*bbbb*`, error code=`*cc...cc*

mmm: MCF identifier

aa...aa: Connection name

bbb: Buffer type

        `snd`: Send buffer

        `rcv`: Receive buffer

        `edt`: Edit buffer

        `cmd`: Command buffer

cc...cc: Error code (maintenance information)

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Change the number of buffers required for this connection.

KFCA10619-E

mmm `error occurred during mapping. connection name=`*aa...aa* `logical`
`terminal name=`*bb...bb* `error code=`*cc...cc* `maintenance code=`*dd...dd*

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Error code (`-11591`, `-11807`, `-17500` to `-17599`)

dd...dd: Maintenance code

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Take corrective action according to the mapping failure message, if
any, appearing before this message. If not, contact the maintenance personnel.

KFCA10620-E

mmm `parameter set by UOC is incorrect. connection name=`*aa...aa*
`logical terminal name=`*bb...bb* `UOC type=`*cccc* `error code=`*dd...dd*

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cccc: User exit routine type

> `min`: Message input editing UOC

> `mout`: Message output editing UOC

dd...dd: Error code (maintenance information)

> `-11548`: The number of buffers is invalid when control returns to OpenTP1 from
> the message input/output editing UOC.

>> Check and correct the UOC. Then re-create the MCF communication
>> process.

> `-11580`: The valid segment length is invalid when control returns to OpenTP1
> from the message input/output editing UOC.

>> Check and correct the UOC. Then re-create the MCF communication
>> process.

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-11581: The edit buffer list address is invalid when control returns to OpenTP1 from the message input/output editing UOC.

Check and correct the UOC. Then re-create the MCF communication process.

-11589: The send buffer list address is invalid when control returns to OpenTP1 from the message output editing UOC.

Check and correct the UOC. Then re-create the MCF communication process.

S: Performs the UOC error handling corresponding to each protocol.

O: Contact the OpenTP1 administrator.

Countermeasure: Refer to the error code list, then take appropriate action.

KFCA10697-E

mmm error occurred during internal processing; continues processing. connection name=*aa...aa*, logical terminal name=*bb...bb*, internal state=(*cc...cc*,*dd...dd*)

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Logical conflict code (maintenance information)

dd...dd: Error code (maintenance information)

S: Continues processing.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10698-E

mmm error occurred during internal processing; releases connection forcibly. connection name=*aa...aa*, logical terminal name=*bb...bb*, internal state=(*cc...cc*,*dd...dd*)

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Logical conflict code (maintenance information)

dd...dd: Error code (maintenance information)

S: Forcibly releases the connection.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10699-E

mmm error occurred during internal processing. connection
name=*aa...aa*, logical terminal name=*bb...bb*, internal
state=(*cc...cc*,*dd...dd*)

mmm: MCF identifier

aa...aa: Connection name

bb...bb: Logical terminal name

cc...cc: Logical conflict code (maintenance information)

dd...dd: Error code (maintenance information)

S: Abnormally terminates the MCF.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10700-I

mmm timer activation request for *aa...aa* was discarded during
rerun processing.

The reissued timer activation request was discarded by rerun processing.

mmm: MCF identifier

aa...aa: Application name

KFCA10701-E

mmm memory found insufficient while activating application.
module ID=*aa...aa*, error code=*bb...bb* maintenance codes=(*cc...cc*, *dd...dd*,
ee...ee)

The memory became insufficient while activating the application.

mmm: MCF identifier

aa...aa: Module ID

bb...bb: Error code

cc...cc: Maintenance code 1

dd...dd: Maintenance code 2

ee...ee: Maintenance code 3

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error according to the previous message and re-execute.

KFCA10702-E

mmm error was detected while activating application. module ID=*aa...aa*, error code=*bb...bb* maintenance codes=(*cc...cc*, *dd...dd*, *ee...ee*)

An error is detected while activating the application.

mmm: MCF identifier

aa...aa: Module ID

bb...bb: Error code

cc...cc: Maintenance code 1

dd...dd: Maintenance code 2

ee...ee: Maintenance code 3

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error according to the previous message and re-execute.

If the error code is -10338, remove any of the causes listed below before executing the command again.

- The application start service has not been activated.

- The corresponding logical terminal is missing.

- There is something wrong with the OpenTP1 system definition; for example, the application start process identifier is not set in the -p option of the application environment definition.

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KFCA10703-E

mmm application *aa...aa* specified in mcfaalcap command cannot operate with the type of logical terminal *bb...bb* specified in MCF communication configuration definition.

The application name defined by the mcfaalcap command of the MCF application definition and the type of the logical terminal definition in the MCF communication configuration definition are inconsistent. The system continues processing, ignoring the mcfaalcap command.

mmm: MCF identifier

aa...aa: Application name

bb...bb: Logical terminal name

S: Ignores the mcfaalcap command and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify the MCF application definition and the MCF communication configuration definition correctly and re-execute.

KFCA10704-I

mmm timer activation request for *aa...aa* was discarded.

The application specified by the MCF operation command mcfadltap deletes the timer start request in the application where timer start processing is underway.

mmm: MCF identifier

aa...aa: Application name

S: Terminates the MCF operation command mcfadltap and continues processing.

KFCA10705-E (E+L)

mmm error detected while discarding timer activation request. module ID=*aa...aa*, error code=*bb...bb* maintenance codes=(*cc...cc*, *dd...dd*, *ee...ee*)

An error is detected in the application process while processing the MCF operation command mcfadltap.

mmm: MCF identifier

aa...aa: Module ID

bb...bb: Error code

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cc...cc: Maintenance code 1

dd...dd: Maintenance code 2

ee...ee: Maintenance code 3

S: Ignores the MCF operation command `mcfadltap` and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error according to the previous message and re-execute.

KFCA10706-W (E)

mmm `timer activation request for` *aa...aa* `is not found.`

The application specified in the `mcfadltap` MCF operation command is not non-inquiry type, has not been requested to be activated by the timer, or has already been activated by the timer.

mmm: MCF identifier

aa...aa: Application name

S: Terminates the MCF operation command `mcfadltap` and continues processing.

KFCA10707-E

mmm `error detected during application activation schedule;`
`application activation request for` *aa...aa* `was discarded. input`
`logical terminal name=`*bb...bb*`, module ID=`*cc...cc*`, error code=`*dd...dd*
`maintenance codes=(`*ee...ee*`,` *ff...ff*`,` *gg...gg*`)`

The message is discarded since the error event activation failed due to an error in the application activation.

mmm: MCF identifier

aa...aa: Application name

bb...bb: Input logical terminal name

cc...cc: Module ID

dd...dd: Error code

ee...ee: Maintenance code 1

ff...ff: Maintenance code 2

gg...gg: Maintenance code 3

S: Ignores the application activation and continues processing. The message is

discarded.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error according to the immediately previous message and re-execute.

KFCA10708-E

mmm `error detected during timer activation schedule;` `application activation request for` *aa...aa* `was discarded. input` `logical terminal name=`*bb...bb*`, module ID=`*cc...cc*`, error code=`*dd...dd* `maintenance codes=(`*ee...ee*`,` *ff...ff*`,` *gg...gg*`)`

The message is discarded since the error event activation failed due to an error in the timer activation.

mmm: MCF identifier

aa...aa: Application name

bb...bb: Input logical terminal name

cc...cc: Module ID

dd...dd: Error code

ee...ee: Maintenance code 1

ff...ff: Maintenance code 2

gg...gg: Maintenance code 3

S: Ignores the timer activation and continues processing. The message is discarded.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error according to the immediately previous message and re-execute.

KFCA10709-W (E)

mmm *aa...aa* `is inquiry-response application. ignores timer-start` `deletion.`

The `mcfadltap` MCF operation command can delete only non-inquiry applications. The request to delete an inquiry-response application is ignored.

mmm: MCF identifier

aa...aa: Application name

S: Terminates the `mcfadltap` MCF operation command and continues processing.

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KFCA10710-W

mmm `timer activation request` *aa...aa* `was discarded because error`
`occurred in timer activation inheriting determination UOC.`
`return value=`*bb...bb*

UOC terminated with a function because the return value was invalid.

mmm: MCF identifier

aa...aa: Name of the application for which timer was registered

bb...bb: Return value from UOC

S: Discards the relevant timer activation request and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the timer inheriting determination UOC, then reactivate
OpenTP1.

KFCA10711-W

mmm `the timer activation request` *aa...aa* `was discarded because the`
`application attribute, changed by the timer activation`
`inheriting determination UOC, differs from that existing before`
`the change. change application name=`*bb...bb* `reason code=`*cc...cc*

mmm: MCF identifier

aa...aa: Name of the application whose timer activation was registered

bb...bb: Name of the application changed by UOC

cc...cc: Reason code

> `00000001`: The number of characters in the name of the application name
> changed by the UOC is invalid.

> `00000002`: The application type after the change differs from that before the
> change.

> `00000003`: The internal communication path name of the application after the
> change differs from that before the change.

> `00000004`: No logical terminal is specified in the definition of the application
> after the change.

> `00000005`: The MCF communication configuration definition does not contain
> the logical terminal specified in the definition of the application after the change.

> `00000007`: The logical terminal type specified for the application after the
> change differs from that before the change.

S: Discards the relevant timer activation request and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the timer inheriting determination UOC, then reactivate OpenTP1.

KFCA10712-I

mmm activation of application failed. error event is activated.
event-activating application name=*aa...aa*, application type=*bb...bb*,
reason code=*cc...cc*, maintenance code=*dd...dd*

mmm: MCF identifier

aa...aa: Name of the event-activating application

bb...bb: Type of the event-activating application

mcf: MCF event

user: User application

cc...cc: Reason code

00000001: The maximum number of input messages that can be stored specified in the application definition was exceeded.

00000002: The input queue became full.

00000003: An I/O error occurred in the input queue.

00000004: An I/O error occurred in the output queue.

00000005: Memory is insufficient.

00000006: The application has been shut down.

00000007: The service has been shut down.

00000008: The service group has been shut down.

00000009: A logical conflict occurred.

00000010: The specified maximum segment length is too small. Check the specification of the segsize argument of the -e option in the mcfmuap definition command in the MCF manager definition.

00000011: The message length is invalid.

00000013: The user server is not running.

00000014: The SPP cannot be activated.

00000095: Memory is insufficient.

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      `00000099`: The user server is not running.

dd...dd: Maintenance code

S: Activates the error event processing MHP.

KFCA10714-E (L)

mmm `memory found insufficient. module ID=`*aa....aa* `size=`*bb....bb*`bytes area type=`*cc....cc*

mmm: MCF identifier

aa...aa: Module ID (protection information)

bb...bb: Size of attempted allocation

*cc....cc***:** Type of area where memory was insufficient

      `PROCESS`: Process-specific memory

S: Terminates processing.

O: If this message is output during command input, re-execute the command. If you obtain the same result after re-execution, carefully review the system environment.

KFCA10801-E (E+L)

mmm `error occurred during preparation for mapping. function name=`*aa...aa*`, return code=`*bb...bb*`, detail code=`*ccc*`, caller function name=`*dd...dd*

mmm: MCF identifier

aa...aa: Name of the function for which the error occurred

bb...bb: Return value of *aa...aa*

ccc: Error detail code

dd...dd: Function of the caller

S: Terminates the mapping service.

O: Take appropriate action according to the output error information. Or, contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10802-E

mmm `error in mapping service definition file. line number=`*nn...nn*`, reason code=`*xx...xx*

mmm: MCF identifier

nn...nn: Number of the line containing an error

xx...xx: Reason code

> `00000001`: The number of characters exceeds the maximum.
>
> `00000002`: Another host is specified for the host name.
>
> `00000003`: The definition has an error.
>
> `00000004`: There are too many parameters.
>
> `00000005`: A semicolon (;) is missing.
>
> `00000006`: There are too few parameters.
>
> `00000007`: A mapping service ID is duplicated.
>
> `00000008`: The specified value is outside the allowable range.

S: Skips starting the faulty mapping service and continues processing. However, if all the mapping service definition files contain an error, terminates the mapping services.

O: Correct the line *nn...nn* in the mapping service definition file according to the reason code. Then, restart OpenTP1.

KFCA10803-I

mmm `preparing for mapping service. service name=`*aa...aa*

mmm: MCF identifier

aa...aa: Service name

S: Performs the mapping service start processing.

KFCA10804-I

mmm `starts mapping service. service name=`*aa...aa*

mmm: MCF identifier

aa...aa: Service name

S: Starts the mapping service.

KFCA10805-I

mmm `preparing for terminating mapping service.`

mmm: MCF identifier

S: Starts the mapping service termination processing.

KFCA10806-I

mmm `preparation for terminating mapping service is completed.`

mmm: MCF identifier

S: Performs the mapping service termination processing.

KFCA10810-E (E+L)

mmm `error occurred during preparation for terminating mapping service. function name=`*aa...aa*`, return code=`*bb...bb*`, detail information=`*ccc*`, caller function name=`*dd...dd*

mmm: MCF identifier

aa...aa: Name of the function for which the error occurred

bb...bb: Return value of *aa...aa*

ccc: Error detail code

dd...dd: Function name of the caller

S: Terminates the mapping service.

O: Take appropriate action according to the output error information. Or, contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10811-E

mmm `error occurred during file access in preparation for mapping service. file name=`*xx...xx*`, function name=`*aa...aa*`, return code=`*bb...bb*`, detail information=`*ccc*`, caller function name=`*dd...dd*

mmm: MCF identifier

xx...xx: Name of the file that could not be accessed

aa...aa: Name of the function for which the error occurred

bb...bb: Return value of *aa...aa*

ccc: Error detail code

dd...dd: Function name of the caller

S: When *xx...xx* is a mapping service definition file, terminates the mapping service.

When *xx...xx* is a mapping service attribute definition file, skips the mapping service and continues processing. However, if all the mapping attribute definition files could not be accessed, terminates the mapping services.

O: Correct the mapping service definition file or mapping attribute definition file, then restart OpenTP1.

KFCA10820-I

mmm `mapping service was activated. mapping service ID=`*XX...XX*

mmm: MCF identifier

XX...XX: Mapping service identifier

KFCA10830-E

mmm `<`*XX...XX*`> error occurred during mapping service. function name=`*aa...aa*`, return code=`*bb...bb*`, detailed information=`*ccc*`, caller function name=`*dd...dd*

mmm: MCF identifier

XX...XX: Mapping service identifier

aa...aa: Name of the function for which the error occurred

bb...bb: Return value of *aa...aa*

ccc: Error detail code

dd...dd: Function name of the caller

S: Terminates the mapping service.

O: Take appropriate action according to the output error information. Or, contact the OpenTP1 administrator.

KFCA10831-E

mmm `error in mapping service attribute definition file. file name=`*ff...ff*`, line number=`*nn...nn*`, reason code=`*xx...xx*

mmm: MCF identifier

ff...ff: Name of the definition file containing an error

nn...nn: Number of the line containing a definition error

xx...xx: Reason code

    `00000001`: The number of specified items exceeds the maximum.

00000002: The specified value is outside the allowable range.

00000003: A definition is duplicated.

00000004: A definition does not begin from MAPDEF.

00000005: There is a definition statement after the END statement.

00000006: The specification of = is missing.

00000007: A keyword is specified incorrectly.

00000008: An operand is missing.

00000009: The number of characters is outside the allowable range.

00000010: A PAGEC definition exists on the 56020 system.

00000011: A PAGEC definition has an error.

00000012: A parenthesis is duplicated.

00000013: A comma is missing.

00000014: An unauthorized terminal system name is specified.

00000015: An operand is specified incorrectly.

00000016: The specified path name does not exist.

S: Stops starting the mapping service and continues processing.

O: Correct the line *nn...nn* in the mapping service definition file according to the reason code. Then, restart OpenTP1.

KFCA10832-E

<*XX...XX*> no "=" Line No.=*YY...YY*

XX...XX: Mapping service identifier

YY...YY: Line number of the mapping service attribute definition file having no "="

S: Terminates the mapping service.

O: Correct the line indicated by Line No in the mapping service attribute definition file because the line has no "=," then reactivate the mapping service.

KFCA10833-E

<*XX...XX*> number of specified items *YY...YY* exceeds the upper limit.

XX...XX: Mapping service identifier

YY...YY: Specified mapping service attribute definition information that exceeds the

upper limit

S: Terminates the mapping service.

O: Reduce the number of mapping service attribute definition information items (*YY...YY*) to within the upper limit, then reactivate the mapping service.

KFCA10834-E

<XX...XX>YY...YY `exceeds the upper limit.`

XX...XX: Mapping service identifier

YY...YY: Mapping service attribute definition information which exceeds the upper limit

S: Terminates the mapping service.

O: Reduce the specified value of the mapping service attribute definition information (*YY...YY*) to within the upper limit, then reactivate the mapping service.

KFCA10835-E

<XX...XX>YY...YY `exceeds [`*ZZ...ZZ*`] characters.`

XX...XX: Mapping service identifier

YY...YY: Mapping service attribute definition information which exceeds the upper limit

ZZ...ZZ: Upper limit

S: Terminates the mapping service.

O: Reduce the specified value of the mapping service attribute definition information (*YY...YY*) to within the upper limit, then reactivate the mapping service.

KFCA10836-E

<XX...XX>YY...YY `is duplicated. <`*ZZ...ZZ*`>`

XX...XX: Mapping service identifier

YY...YY: Duplicated mapping service attribute definition information

ZZ...ZZ: Duplicate name

S: Terminates the mapping service.

O: Delete the duplicated mapping service attribute definition information, then reactivate the mapping service.

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KFCA10839-E

mmm <*XX...XX*> `logical error occurred. logical error code=`*YY...YY*

mmm: MCF identifier

XX...XX: Mapping service identifier

YY...YY: Logical error code

S: Terminates the mapping service.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10840-E

mmm <*XX...XX*> `Failed to loading for map file. [`*YY...YY*`]`

mmm: MCF identifier

XX...XX: Mapping service identifier

YY...YY: Physical map file name

S: Continues processing.

O: Specify an existing physical map file name by MAPNAME in the mapping service attribute definition file.

KFCA10841-E

mmm <*XX...XX*> `read area of LRU-managed physical map overflowed.`

mmm: MCF identifier

XX...XX: Mapping service identifier

S: Continues processing.

O: Check the specification of POOLSIZ in the mapping service attribute definition file.

KFCA10842-E

mmm <*XX...XX*> `Failed to loadig for PAGEC module. [`*YY...YY*`]`

mmm: MCF identifier

XX...XX: Mapping service identifier

YY...YY: PAGEC module name

S: Continues processing.

O: Specify an existing PAGEC module name by PGCMNAME in the mapping service attribute definition file.

KFCA10843-E

mmm <*XX...XX*> `read area of LRU-managed PAGEC module overflowed.`

mmm: MCF identifier

XX...XX: Mapping service identifier

S: Continues processing.

O: Check the specification of PGCPOLSZ in the mapping service attribute definition file.

KFCA10844-E

mmm <*XX...XX*> `buffer became insufficient.` *YY...YY*

mmm: MCF identifier

XX...XX: Service name or mapping service identifier

YY...YY: Buffer type

Eye-catcher of MPS control table: MPS control table

`MAP_AREA`: Physical area resident area

`PAGEC_AREA`: PAGEC module resident area

S: Terminates the mapping service.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10845-W

mmm <*XX...XX*> `Map file loaded from alternate path.[`*YY...YY*`]`

mmm: MCF identifier

XX...XX: Mapping service identifier

YY...YY: Physical map file name

S: Continues processing, reading from the alternate reading path.

O: Check the whereabouts of the physical map.

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KFCA10846-W

mmm <*XX...XX*> PAGEC module loaded from alternate path.[*YY...YY*]

mmm: MCF identifier

XX...XX: Mapping service identifier

YY...YY: PAGEC module name

S: Continues processing, reading from the alternate reading path.

O: Check the whereabouts of the PAGEC module.

KFCA10847-E

mmm <*XX...XX*> specified physical map could not be made to be resident. [*YY...YY*]

mmm: MCF identifier

XX...XX: Mapping service identifier

YY...YY: Physical map file name

S: Continues processing.

O: Place the physical map file on the standard path.

KFCA10848-E

mmm <*XX...XX*> specified PAGEC module could not be made to be resident. [*YY...YY*]

mmm: MCF identifier

XX...XX: Mapping service identifier

YY...YY: PAGEC module name

S: Continues processing.

O: Place the PAGEC module on the standard path.

KFCA10849-E

mmm <*XX....XX*> physical map could not load because of exceeds MAPCNT. physical map name=*YY....YY*

*mmm***:** MCF identifier

XX....XX: Mapping service identifier

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YY....YY: Physical map file name

S: Continues processing.

O: Carefully review the value specified for `MAPCNT` in the mapping service attribute definition file.

KFCA10850-E

mmm <*XX....XX*> `PAGEC module could not load because of exceeds PGCCNT. PAGEC module name=`*YY....YY*

*mmm***:** MCF identifier

XX....XX: Mapping service identifier

YY....YY: PAGEC module name

S: Continues processing.

O: Carefully review the value specified for `PGCCNT` in the mapping service attribute definition file.

KFCA10860-I

mmm <*XX...XX*> `debugging information is created. [`*YY...YY*`]`

mmm: MCF identifier

XX...XX: Mapping service identifier

YY...YY: Debugging information file name

KFCA10865-I (S)

`"input format: dcmapchg {-m | -a | -mM | -aM | -mP | -aP} mapping service ID path name"`

This message indicates the input format of the dcmapchg command.

S: Terminates the command.

KFCA10866-I (S)

`"input format: dcmapls {-s | -p | -d} mapping service ID"`

This message indicates the input format of the dcmapls command.

S: Terminates the command.

KFCA10870-E (S+L)

<*XX...XX*> option specification *YY...YY* is incorrect. specify it again.

XX...XX: Command name

YY...YY: Specified option mode

S: Terminates the command.

O: Reenter the command, specifying a correct option.

KFCA10871-E (S+L)

<*XX...XX*> mapping service ID *YY...YY* is incorrect. specify it again.

XX...XX: Command name

YY...YY: Specified mapping service identifier

S: Terminates the command.

O: Specify a valid mapping service identifier, then reenter the command.

KFCA10872-E (S+L)

<*XX...XX*> entered command is invalid. specify it again.

XX...XX: Command name

S: Terminates the command.

O: Specify the command correctly, then enter it again.

KFCA10875-E (S+L)

<*XX...XX*> message from mapping service was abnormal. mapping service ID=*YY...YY*

XX...XX: Command name

YY...YY: Specified option mode

S: Terminates the command.

O: Reenter the command. If this error recurs, contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10876-E (S+L)

<*XX...XX*> path name could not be changed. mapping service ID=*YY...YY*

XX...XX: Command name

YY...YY: Mapping service identifier

S: Terminates the command.

O: Reenter the command. If this error recurs, contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10877-E (S+L)

<*XX...XX*> mapping ID *YY...YY* is not defined in mapping service definition file.

XX...XX: Command name

YY...YY: Mapping service identifier

S: Terminates the command.

O: Reenter the command, specifying the mapping service identifier specified in the mapping service definition file.

KFCA10878-I (S+L)

<*XX...XX*> path name has been changed. mapping service ID=*YY...YY* *aa...aa=bb...bb*

XX...XX: Command name

YY...YY: Mapping service identifier

aa...aa: Path type (MAPPATH, ALTPATH, PGCSTDPN, or PGCALTPN)

bb...bb: New path name

S: Terminates the command.

KFCA10879-E (S+L)

<*XX...XX*> mapping service has not been activated. mapping service ID=*YY...YY*

XX...XX: Command name

YY...YY: Mapping service identifier

S: Terminates the command.

O: Activate the mapping service, then reenter the command.

KFCA10880-E (S+L)

<XX...XX> `path name` *YY...YY* `is incorrect. specify a correct path name.`

XX...XX: Command name

YY...YY: Path name

S: Terminates the command.

O: Specify a correct path name, then reenter the command.

KFCA10881-E (S+L)

<XX...XX> `map name list display failed.`
`mapping service ID=`*YY...YY*

XX...XX: Command name

YY...YY: Mapping service identifier

S: Terminates the command.

O: Reenter the command. If this error recurs, contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10882-I (S+L)

<XX...XX> `mode has been changed. mapping service ID=`*YY...YY*`,`
`DEBUG=`*aaa*

XX...XX: Command name

YY...YY: Mapping service identifier

aaa: Debugging mode (ON or OFF)

S: Terminates the command.

KFCA10883-E (S+L)

<XX...XX> `mode change failed. mapping service ID=`*YY...YY*

XX...XX: Command name

YY...YY: Mapping service identifier

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S: Terminates the command.

O: Reenter the command. If this error recurs, contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10886-E (S+L)

<XX...XX> error occurred during command execution. function
name=*aa...aa*, return code=*bb...bb*, detailed information=*ccc*, caller
function name=*dd...dd*

XX...XX: Command name

aa...aa: Name of the function for which the error occurred

bb...bb: Return value of *aa...aa*

ccc: Error detail code of *aa...aa*

dd...dd: Function name of the caller

S: Terminates the command.

O: Take appropriate action, according to the output error information. Or, contact the
OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA10887-I (S+L)

<XX...XX> current mode is DEBUG=*aaa*. mapping service ID=*YY...YY*

XX...XX: Command name

YY...YY: Mapping service identifier

aaa: Debugging mode (ON or OFF)

S: Terminates the command.

KFCA10888-I (S)

starts to show the status of MPS.

MPS: Mapping service

S: Starts the status display.

KFCA10889-I (S)

terminates to show the status of MPS.

MPS: Mapping service

S: Terminates the status display.

KFCA10890-I (S)

iiiiiii ttttttt pppppppp

ii...ii: Mapping service identifier

tt...tt: Path display type

MAPNAME: Resident physical map reading path

MAPPATH: Standard physical map reading path

ALTPATH: Alternative physical map reading path

PGCMNAME: Resident PAGEC module reading path

PGCSTDPN: Standard PAGEC module reading path

PGCALTPN: Alternative PAGEC module reading path

pp...pp: Path name

S: Displays the path name of the mapping service.

KFCA10891-I (S)

mmmmmmmm

mm...mm: Physical map name or PAGEC module name

S: Displays the physical map name or PAGEC module name.

KFCA10892-I (S)

mmmmmmmm sssss hhhhhhhh llllllll oooooooo

mm...mm: Physical map name or PAGEC module name

ss...ss: Physical map size or PAGEC module size (decimal)

hh...hh: Maintenance information 1 (hexadecimal)

ll...ll: Maintenance information 2 (hexadecimal)

oo...oo: Maintenance information 3 (hexadecimal)

S: Displays the physical map name or PAGEC module name and detail information.

KFCA10900-I

mmm `log file is changed from` *aa...aa* `to` *bb...bb*`. (E+L)`

After this message is displayed, the log messages are output to the new log file.

mmm: NET identifier

aa...aa: Old log file name

bb...bb: New log file name

Note: To have more than one generation of message log file, save the old message log file immediately after this message is displayed.

S: Continues processing.

KFCA10901-E (E+L)

mmm `I/O error occurred on log file` *aa...aa*`, so log message destination is changed to standard error output.`

After this message is displayed, the log messages are output to the standard error output.

mmm: NET identifier

aa...aa: Name of the log file for which the error occurred

S: After the log message output destination is changed to the standard error output, continues processing. If the log message console output option is specified, console output is suppressed while outputting to the standard error output.

O: Contact the maintenance personnel.

Countermeasure: Identify the cause of the I/O error (for example, the disk is full) and correct it.

KFCA10902-I (E+L)

mmm `log message destination is changed from standard error output to log file` *aa...aa*`.`

The log message output destination is changed from the standard error output to a log file.

mmm: NET identifier

aa...aa: Log file name

S: After the log message output destination is changed to the log file, continues processing.

KFCA10903-E (E+L)

mmm `error occurred while switching log file, so log message`
`destination is changed to standard error output.`

An error occurred while switching the log file. Therefore, the log message output destination is changed to the standard error output.

mmm: NET identifier

S: After the log message output destination is changed to the standard error output, continues processing.

KFCA10920-E (E+L)

mmm `*** message(`*aa...aa*`) cannot be output: memory shortage ***`

The message cannot be output because memory is insufficient.

mmm: NET identifier

aa...aa: ID of the message that could not be output

S: Continues processing.

O: Contact the maintenance personnel.

KFCA10921-E (E+L)

mmm `*** message(`*aa...aa*`) cannot be output: message file not found`
`***`

The message cannot be output because the message file is not found.

mmm: NET identifier

aa...aa: Sequence number for the message ID that could not be output

S: Continues processing.

O: Contact the maintenance personnel.

Countermeasure: Check if a correct object path name is specified in the log configuration definition.

KFCA10922-E (E+L)

mmm `*** message(`*aa...aa*`) cannot be output: message file I/O error`
`***`

The message cannot be output because an I/O error occurred on the message file.

mmm: NET identifier

aa...aa: Sequence number for the message ID that could not be output

S: Continues processing.

O: Contact the maintenance personnel.

KFCA10923-E (E+L)

mmm *** message(*aa...aa*) cannot be output: message file access denied ***

The message cannot be output because access to the message file is not authorized.

mmm: NET identifier

aa...aa: Sequence number for the message ID that could not be output

S: Continues processing.

O: Contact the maintenance personnel.

Countermeasure: If the message file is not assigned the read permission, assign it. If the directories on the path to the message file is not assigned the search permission, assign it.

KFCA10924-E (E+L)

mmm *** message(*aa...aa*) cannot be output: parameter too many ***

The message cannot be output because of a parameter error.

mmm: NET identifier

aa...aa: Sequence number for the message ID that could not be output

S: Continues processing.

O: Contact the maintenance personnel.

Countermeasure: Record the IDs of this message and the message that could not be output. Then, contact the maintenance personnel.

KFCA10925-E (E+L)

mmm *** message(*aa...aa*) cannot be output: message too long ***

The message cannot be output because the message length exceeds the upper limit.

mmm: NET identifier

aa...aa: Sequence number for the message ID that could not be output

S: Continues processing.

O: Contact the maintenance personnel.

Countermeasure: Record the IDs of this message and the message that could not be output. Then, contact the maintenance personnel.

KFCA10926-E (E+L)

mmm `*** message(`*aa...aa*`) cannot be output: invalid argument ***`

The message cannot be output because of a parameter error.

mmm: NET identifier

aa...aa: Sequence number for the message ID that could not be output

S: Continues processing.

O: Contact the maintenance personnel.

Countermeasure: Record the IDs of this message and the message that could not be output. Then, contact the maintenance personnel.

KFCA10927-E (E+L)

mmm `*** message(`*aa...aa*`) cannot be output: message not found ***`

The message cannot be output because the message file contains no messages.

mmm: NET identifier

aa...aa: Sequence number for the message ID that could not be output

S: Continues processing.

O: Contact the maintenance personnel.

Countermeasure: Record the IDs of this message and the message that could not be output. Then, contact the maintenance personnel.

KFCA10930-E (E+L)

mmm `logical conflict occurred on log output function. code number=`*aa...aa*

A logical conflict occurred on the log output function.

mmm: NET identifier

aa...aa: Code number

S: Terminates processing.

O: Contact the maintenance personnel. When the dump is output to the core file, save it and contact the maintenance personnel.

Countermeasure: Record the code number, then contact the maintenance personnel.

KFCA10931-E (E+L)

mmm `error occurred on system call` *aa...aa*`. return information=`*bbb*`, function where error occurred:` *cc...cc*

An error occurred on the system call issued in the function provided by the shared control.

mmm: NET identifier

aa...aa: Name of the issued system call (up to 31 characters)

bbb: Return code of the system call (errno)

cc...cc: Name of the function for which the error occurred (up to 31 characters)

S: Continues processing.

O: Contact the maintenance personnel.

KFCA10932-E (E+L)

mmm `communication error occurred. return information=`*aa...aa*`, function:` *bb...bb*

An error occurred on communication between threads.

mmm: NET identifier

aa...aa: Error code of the system call (errno)

bb...bb: Name of the system call for which the error occurred (up to 31 characters)

S: Terminates processing.

O: Contact the maintenance personnel. When the dump is output to the core file, save it and contact the maintenance personnel.

Countermeasure: Contact the maintenance personnel.

KFCA10933-E (E+L)

mmm `*** log cannot be started: memory shortage ***`

An error due to insufficient memory occurred while starting log output.

mmm: NET identifier

S: Terminates processing.

O: Contact the maintenance personnel.

Countermeasure: Reduce the number of processes or decrease the memory allocated to the other processes. Then, re-execute.

KFCA10935-E (E+L)

mmm *** log cannot be started: I/O error occurred in message file ***

An I/O error occurred on the message object file while starting log output.

mmm: NET identifier

S: Terminates processing.

O: Contact the maintenance personnel.

Countermeasure: When the dump is output to the core file, save it and contact the maintenance personnel.

KFCA10936-E (E+L)

mmm *** log cannot be started: message file not found ***

No message file is found.

mmm: NET identifier

S: Terminates processing.

O: Contact the maintenance personnel.

Countermeasure: Check if a correct object path name is specified in the log configuration definition.

KFCA10937-E (E+L)

mmm *** log cannot be started: message file access denied ***

Access to the message file is not authorized.

mmm: NET identifier

S: Terminates processing.

O: Contact the maintenance personnel.

Countermeasure: If the message object file is not assigned the read permission, assign it. If the directories on the path to the message object file is not assigned the search permission, assign it.

KFCA10938-E (E+L)

mmm `*** log cannot be started: message file version different`
`***`

The version of the message object file differs from that of the log output function.

mmm: NET identifier

S: Terminates processing.

O: Contact the maintenance personnel.

Countermeasure: Check if the version of the message object file is correct, then re-execute.

KFCA10939-E

mmm `*** log cannot be started: communication failure occurred.`
`code=`*aa...aa* `func=`*bb...bb*`***`

Start processing for the log output function is stopped because of a communication failure.

mmm: NET identifier

aa...aa: System call error number (errno)

bb...bb: System call name (up to 31 characters) involving the error

S: Terminates processing.

O: Identify the cause according to the code. If the core file has a dump output, store its content and contact the maintenance personnel.

KFCA10940-E (E+L)

mmm `sufficient memory to execute log output function could not`
`be secured.`

Start processing for the log output function is stopped because it has failed to secure the memory for NETM.

S: Terminates processing.

O: Contact the OpenTP1 administrator.

KFCA10941-E

mmm `*** cannot be started:contradiction occurred during log.`
`code=`*aa...aa*`***`

The log output function cannot be started because it has encountered a logical conflict.

mmm: NET identifier

aa...aa: Logical conflict code

S: Terminates processing.

O: If the core file is found to have a dump output, store its content and contact the maintenance personnel.

Countermeasure: Record the code and contact the maintenance personnel.

KFCA10942-E

mmm the output destination of the log message is not specified.

The log message output destination is missing because the operating system does not support the RAS message logging file (syslog file) output.

mmm: NET identifier

S: Terminates processing.

Countermeasure: Give the log output function definition (nettlog) the log message output destination (console) as a log file before executing the command again.

Chapter

7. Messages from KFCA11000 to KFCA11999

This chapter describes messages from KFCA11000 to KFCA11999.

7.1 Messages from KFCA11000 to KFCA11999

7.1 Messages from KFCA11000 to KFCA11999

KFCA11001-W

mmm `shared memory found insufficient while cataloging MCF`
`application definition. application name=`*aa...aa*`, application`
`type=`*bb...bb*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

S: Stops cataloging this application and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the shared memory size and reactivate OpenTP1.

KFCA11002-E

mmm `queue file I/O processing failed. queue file name=`*aa...aa*`,`
`queue group ID=`*bb...bb*`, reason code=`*cc...cc*`, detail code1=`*dd...dd*`,`
`detail code2=`*ee...ee*

mmm: MCF identifier

aa...aa: Queue file name

bb...bb: Queue group ID

cc...cc: Reason code (maintenance information)

dd...dd: Detail code 1 (maintenance information 1)

ee...ee: Detail code 2 (maintenance information 2)

S: Stops the I/O operation for the queue file and continues processing.

O: Collect the maintenance information and contact the maintenance personnel.

KFCA11003-W

mmm `shared memory found insufficient during input queue`
`rescheduling. service group name=`*aa...aa*

mmm: MCF identifier

aa...aa: Service group name

S: Does not reschedule the message and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the shared memory size and reactivate the OpenTP1.

KFCA11004-W

mmm `input queue rescheduling failed. service group name=`*aa...aa*`,` `detail code=`*bb...bb*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Detail code (maintenance information)

S: Stops rescheduling the input queue, places the service group in the shutdown state, and continues processing. The input queue that cannot be scheduled is guaranteed.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel. After the cause of the reschedule failure is eliminated, use the `mcftactsg` operation command and release the service group from the shutdown state.

KFCA11005-W

mmm `extended reservation definition is not cataloged.`

mmm: MCF identifier

S: Stops cataloging the application and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the MCF manager definition and correct it if necessary. Then reactivate OpenTP1.

KFCA11006-W

mmm `shared memory found insufficient while cataloging logical` `terminal definition. logical terminal name=`*aa...aa*

mmm: MCF identifier

aa...aa: Logical terminal name

S: Stops cataloging logical terminals, discards all the already cataloged logical terminals, queues, and window IDs in the connection, then continues processing.

O: Contact the OpenTP1 administrator.

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Countermeasure: Increase the shared memory size and reactivate OpenTP1.

KFCA11007-W

mmm `disk queue processing for transmission messages is in`
`fallback mode.`

mmm: MCF identifier

S: Stops cataloging the application and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of fallback disk queue processing for
transmission messages according to the previous message and reactivate OpenTP1.

KFCA11008-W

mmm `service group in MCF application definition is already`
`cataloged with queue group ID` *cc...cc*`. application name=`*aa...aa*`,`
`application type=`*bb...bb*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

mcf: MCF event

user: User application

cc...cc: Queue group ID (existing)

S: Ignores the value of the `quegrpid` operand in the `mcfaalcap` definition command,
and catalogs the service group using the existing queue group ID.

O: Check the value of the `quegrpid` operand in the `mcfaalcap` definition command
and correct it if necessary. Then reactivate OpenTP1.

KFCA11009-W

mmm `failure to catalog window ID or to remove window ID from`
`catalog. window ID=`*aa...aa* `error location=`*bb...bb*`, reason code=`*cc...cc*`,`
`detail code1=`*dd...dd*`, detail code2=`*ee...ee*

mmm: MCF identifier

aa...aa: Window ID (maintenance information)

bb...bb: Error location (maintenance information)

cc...cc: Reason code (maintenance information)

dd...dd: Detail code 1 (maintenance information 1)

ee...ee: Detail code 2 (maintenance information 2)

S: Stops cataloging or uncataloging the window ID and continues processing.

O: Collect the maintenance information and contact the maintenance personnel.

KFCA11010-W

```
mmm output queue rescheduling failed. logical terminal
name=aa...aa, reason code=bb...bb, detail code=cc...cc
```

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Reason code (maintenance information)

cc...cc: Detail code (maintenance information)

S: Discards all the already cataloged logical terminals, queues, and window IDs in the connection of the logical terminal where the error occurred, then continues processing.

O: Collect the maintenance information and contact the maintenance personnel.

KFCA11011-W

```
mmm MCF application definition cataloging was canceled.
application name=aa...aa, application type=bb...bb
```

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

   mcf: MCF event

   user: User application

S: Stops cataloging the application and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Perform the countermeasures described in the previous message.

KFCA11012-W

```
mmm local memory found insufficient while cataloging logical
terminal definition. logical terminal name=aa...aa
```

mmm: MCF identifier

aa...aa: Logical terminal name

S: Stops cataloging logical terminals, discards all the already cataloged logical terminals, queues, and window IDs in the connection, then continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the local memory size and reactivate OpenTP1.

KFCA11013-W

mmm definitions for logical terminal *aa...aa* is already cataloged; new definitions replace old ones.

mmm: MCF identifier

aa...aa: Logical terminal name

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the MCF communication configuration definition and correct it if necessary. Then reactivate OpenTP1.

KFCA11014-E

mmm service group *aa...aa* has been shut down.

The server process of the user server stopped abnormally because Y is specified for the hold operand or the term_watch_time operand is specified in the user service definition or the user service default definition. As a result, the schedule of the service group was placed in shutdown status and the user server was forcibly terminated.

Another possibility is that the service group was shut down because a schedule error occurred at restart.

mmm: MCF identifier

aa...aa: Service group name

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Perform the countermeasures described in the previous message. Eliminate the cause of the service group shutdown, and then execute the mcftactsg operation command to release the service group from the shutdown status. If the user server was forcibly terminated, execute the dcsvstart command to restart it, and then execute the mcftactsg command to release the service group from the shutdown status.

KFCA11015-E

mmm aa...aa `service terminated abnormally and has been shut down.`

The service was placed in shutdown status because it stopped abnormally or a rollback occurred.

mmm: MCF identifier

aa...aa: Service name

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the abnormal termination of the service or the rollback. Execute the `mcftactsv` command to release the service from the shutdown status.

KFCA11016-W

mmm `cataloging definitions of logical terminal` *aa...aa* `stopped.`

mmm: MCF identifier

aa...aa: Logical terminal name

S: Stops cataloging the logical terminal and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Perform the countermeasures described in the previous message.

KFCA11017-W

mmm `unrecoverable error occurred during internal processing.`
`error location=`*aa...aa*`, reason code=`*bb...bb*`, detail code=`*cc...cc*

mmm: MCF identifier

aa...aa: Error location (maintenance information)

bb...bb: Reason code (maintenance information)

cc...cc: Detail code (maintenance information)

S: Stops only the currently executed processing.

O: Collect the maintenance information and contact the maintenance personnel.

Countermeasure: Determine the cause of the error according to the message that was output before or after this message. If no such message was output or if the cause of the error cannot be found, collect the log file and the MFC trace indicated by the MCF

identifier. Then contact maintenance personnel.

KFCA11018-E

mmm cannot execute disk queue processing for transmission messages because error occurred in initial processing.

mmm: MCF identifier

S: Stops the initial disk queue processing for transmission messages and continues processing.

O: Collect the maintenance information and contact the maintenance personnel.

Countermeasure: Eliminate the cause of the failure and restart.

KFCA11019-W (E)

mmm MCF application definition is already cataloged; new definition replaces the old one. application name=*aa...aa*, application type=*bb...bb*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

    user: User application

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the MCF application definition and correct it if necessary. Then reactivate OpenTP1.

KFCA11020-W

mmm queue group ID specified for cataloging MCF application definition is not defined in queue definition. application name=*aa...aa*, application type=*bb...bb*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

user: User application

S: Stops cataloging this application and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the MCF application definition and the MCF manager definition and correct them if necessary. To execute the disk queue processing for transmission messages, stop MCF and reactivate it.

KFCA11021-W

mmm queue group ID specified for cataloging logical terminal definition is not defined in queue definition. logical terminal name=*aa...aa*

mmm: MCF identifier

aa...aa: Logical terminal name

S: Continues all the logical terminal name cataloging except the disk queue processing for transmission messages. The disk queue processing for transmission messages to the logical terminal cannot be performed in the currently operating MCF.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the logical terminal definition of the MCF communication configuration definition and the wait queue definition of the MCF manager definition and correct them if necessary. Then reactivate OpenTP1. To execute the disk queue processing for transmission messages, stop MCF once and reactivate it.

KFCA11022-E

mmm application was shut down because of abnormal termination of *aa...aa* service application name=*bb...bb*, application type=*cc...cc* application MCFID=*dd...dd*

mmm: MCF identifier

aa...aa: Service name

bb...bb: Application name

cc...cc: Application type

mcf: MCF event

user: User application

dd...dd: MCF identifier of the application activation origin

S: Continues processing.

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O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the abnormal termination of the service. Then enter the `mcfaactap` operation command and release the application from the shutdown state.

KFCA11023-E

mmm `MHP user server is not activated. service group name=`*aa...aa*

mmm: MCF identifier

aa...aa: Service group name

S: Places the service group in the shutdown state and continues processing.

O: Activate the MHP user server using the dcsvstart command and re-execute.

KFCA11024-W

mmm `input queue schedule processing failed. command=`*aa...aa*`,`
`service group name=`*bb...bb*`, detail code=`*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Service group name

cc...cc: Detail code (maintenance information)

S: Does not release the service group from the shutdown state.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the scheduling failure of the service group and execute the `mcftactsg` operation command.

KFCA11025-W

mmm `shared memory found insufficient while cataloging queue`
`definition. queue group ID=`*aa...aa*`, queue type=`*bb...bb*

mmm: MCF identifier

aa...aa: Queue group ID

bb...bb: Queue type

S: Stops the initial disk queue processing for transmission messages and terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the shared memory size and reactivate OpenTP1.

KFCA11026-W

mmm `extended reservation definition is not cataloged.`
`logical terminal name=`*aa...aa*

mmm: MCF identifier

aa...aa: Logical terminal name

S: Stops cataloging logical terminals, discards all the already cataloged logical terminals, queues, and window IDs in the connection, and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the MCF manager definition and correct it if necessary. Then reactivate OpenTP1.

KFCA11027-W

mmm `disk queue processing for transmission messages is in`
`fallback mode. logical terminal name=`*aa...aa*

mmm: MCF identifier

aa...aa: Logical terminal name

S: Stops cataloging logical terminals, discards all the already cataloged logical terminals, queues, and window IDs in the connection, and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of fallback disk queue processing for transmission messages described in the previous message and reactivate OpenTP1.

KFCA11028-W

mmm `shared memory found insufficient during cataloging extended`
`reservation definition.`

mmm: MCF identifier

S: Stops the initial disk queue processing for transmission messages and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the shared memory size and reactivate OpenTP1.

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KFCA11029-W

mmm error occurred while discarding messages being written in input queue. logical terminal name=*aa...aa*, reason code=*bb...bb*, detail code=*cc...cc*

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Reason code (maintenance information)

cc...cc: Detail code (maintenance information)

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the MCF communication configuration definition and correct it if necessary. Then reactivate OpenTP1.

KFCA11030-W

mmm message I/O error occurred during input reschedule processing; continues processing without rescheduling those messages. service group name=*aa...aa*

mmm: MCF identifier

aa...aa: Service group name

S: Continues processing without rescheduling the message where the I/O error occurred while rescheduling the input queue.

O: Collect the maintenance information and contact the maintenance personnel.

KFCA11031-W

mmm cataloged queue file failed to be released.

mmm: MCF identifier

S: Ignores the queue file I/O processing failure and continues processing.

KFCA11032-W

mmm failure to read messages from queue file during rescheduling processing.

mmm: MCF identifier

S: Ignores the queue file I/O processing failure and continues processing.

KFCA11033-W

mmm `queue file initialization failed. error location=`*aa...aa*`,`
`reason code=`*bb...bb*`, detail code=`*cc...cc*

mmm: MCF identifier

aa...aa: Error location (maintenance information)

bb...bb: Reason code (maintenance information)

cc...cc: Detail code (maintenance information)

S: Stops initializing the disk queue processing for transmission messages and continues processing. The disk queue processing for transmission messages cannot be executed in the currently operating MCF.

O: Collect the maintenance information and contact the maintenance personnel.

Countermeasure: Eliminate the cause of the failure. To execute the disk queue processing for transmission messages, stop OpenTP1 and reactivate it.

Also make sure that `Y` is specified in the `que_conf` operand of the system service configuration definition.

KFCA11036-W (E)

mmm aa...aa `service is already placed in shutdown state.`
`command=`*bb...bb*

mmm: MCF identifier

aa...aa: Service name

bb...bb: Command name

S: Invalidates the command and continues processing.

KFCA11037-W (E)

mmm aa...aa `service is already released from shutdown state.`
`command=`*bb...bb*

mmm: MCF identifier

aa...aa: Service name

bb...bb: Command name

S: Invalidates the command and continues processing.

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KFCA11038-W (E)

mmm `service group` *aa...aa* `is already placed in shutdown state.`
`command=`*bb...bb*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Command name

S: Invalidates the command and continues processing.

KFCA11039-W

mmm `invalid service request was issued. service group`
`name=`*aa...aa*`, maintenance info1=`*bb...bb*`, maintenance info2=`*cc...cc*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Maintenance information 1 (maintenance information)

cc...cc: Maintenance information 2 (maintenance information)

S: Continues processing.

O: Check whether the `dc_rpc_call` function called the MHP. If the cause of the error cannot be found, contact maintenance personnel.

KFCA11040-W

mmm `window ID failed to be released.`

mmm: MCF identifier

S: Continues processing.

KFCA11041-W

mmm `logical terminal definition is already cataloged; specified`
`logical terminal definition is being used by other MCF. logical`
`terminal name=`*aa...aa*

mmm: MCF identifier

aa...aa: Logical terminal name

S: Discards all the already cataloged logical terminals, queues, and window IDs in the connection of the logical terminal where the error occurred and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the MCF communication configuration definition and correct it if necessary. Then reactivate OpenTP1.

KFCA11042-W (E)

mmm `cannot release service group` *aa...aa* `from shutdown state because MHP user server is terminating. command=`*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Service group name

S: Continues processing without releasing the service group from the shutdown state.

KFCA11043-E (E)

mmm `cannot release service group` *aa...aa* `from shutdown state because MHP user server is not activated. command=`*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Service group name

S: Continues processing without releasing the service group from the shutdown state.

O: Activate the MHP user server using the dcsvstart command and reenter the `mcftactsg` command.

KFCA11044-W

mmm `queue group ID` *aa...aa* `is not cataloged in message queue service definition. logical terminal name=`*bb...bb*

mmm: MCF identifier

aa...aa: Queue group ID

bb...bb: Logical terminal name

S: Discards all the already cataloged logical terminals, queues, and window IDs in the connection of the logical terminal whose queue group ID is not cataloged in the message queue service definition and continues processing.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Check the MCF communication configuration definition and the

message queue service definition and correct them if necessary. Then reactivate OpenTP1.

KFCA11045-W

mmm `queue group ID` *aa...aa* `is not cataloged in message queue service definition.`

mmm: MCF identifier

aa...aa: Queue group ID

S: Continues processing.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11046-E

mmm `cannot put receive messages in input queue because` *aa...aa* `user server is not activated. service group name=`*bb...bb*

mmm: MCF identifier

aa...aa: Type of UAP (MHP or SPP)

bb...bb: Service group name

S: Informs ERREVT2 or ERREVT4 and continues processing.

O: Activate the user server using the dcsvstart command and re-execute.

KFCA11047-W

mmm `cannot put receive messages in input queue because` *aa...aa* `user server is terminating. service group name=`*bb...bb*

mmm: MCF identifier

aa...aa: Type of UAP (MHP or SPP)

bb...bb: Service group name

S: Informs ERREVT2 or ERREVT4 and continues processing.

O: Activate the user server using the dcsvstart command and re-execute.

KFCA11048-E

mmm `cannot put receive messages in input queue because` *aa...aa* `user server is in shutdown state. service group name=`*bb...bb*

mmm: MCF identifier

aa...aa: Type of UAP (MHP or SPP)

bb...bb: Service group name

S: Informs ERREVT2 or ERREVT4 and continues processing.

Countermeasure: Remove the cause of the user server shutdown, then release the shutdown.

KFCA11049-W

mmm `number of queue files has exceeded the sum of catalog limits`
`specified with extended reservation definition for service`
`groups and logical terminals.`

mmm: MCF identifier

S: Stops opening the queue file and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the upper limit of the extended reservation definition of the MCF manager definition and reactivate OpenTP1.

KFCA11050-W

mmm `number of logical terminals exceeds the catalog limit`
`specified with extended reservation definition.`

mmm: MCF identifier

S: Stops cataloging window IDs and continues processing. Or, MCF goes down.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the upper limit of the extended reservation definition of the MCF manager definition and re-execute.

KFCA11051-E

mmm `cannot put receive messages in input queue because service`
`group` *aa...aa* `is in shutdown state. application name=`*bb...bb*`,`
`application type=`*cc...cc*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Application name

cc...cc: Application type

mcf: MCF event

user: User application

S: Continues processing without cataloging the receive messages in the input queue.

O: Enter the `mcftactsg` command and re-execute.

KFCA11052-E

mmm `cannot put receive messages in input queue because` *aa...aa* `service is in shutdown state. application name=`*bb...bb*`, application type=`*cc...cc*

mmm: MCF identifier

aa...aa: Service name

bb...bb: Application name

cc...cc: Application type

mcf: MCF event

user: User application

S: Continues processing without cataloging the receive messages in the input queue.

O: Enter the `mcftactsv` command and re-execute.

KFCA11053-E (E)

mmm `cannot release service group` *aa...aa* `from shutdown state because MHP user server is in shutdown state. command=`*bb...bb*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Command name

S: Continues processing without releasing the service group from the shutdown state.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11054-E

mmm `error occurred during queue file I/O processing. application name=`*aa...aa*`, application type=`*bb...bb*`, logical terminal name=`*cc...cc*`, error location=`*dd...dd*`, reason code=`*ee...ee*

mmm: MCF identifier

aa...aa: Application name

      ******* is output for SPP.

bb...bb: Application type

      mcf: MCF event

      user: User application

         **** is output for SPP.

cc...cc: Logical terminal name

      ******* is output for SPP.

dd...dd: Error location (maintenance information)

ee...ee: Reason code (maintenance information)

S: Continues processing.

O: Collect the maintenance information and contact the maintenance personnel.

KFCA11056-W

```
mmm failure to write to input queue because the number of
enqueued input messages exceeds the limit. application
name=aa...aa, application type=bb...bb, connection name=cc...cc,
logical terminal name=dd...dd
```

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

      mcf: MCF event

      user: User application

cc...cc: Name of the connection used for input

      ******** is output if the name of the connection used for input is unknown.

dd...dd: Name of the logical terminal used for input

S: Either discards the received message or switches to the error event.

O: Contact the OpenTP1 administrator.

Countermeasure: Execute the `mcftlssg` command to check the schedule of the application and the number of currently queued messages, and then change the value specified in the MCF application definition (`mcfaalcap -n msgcnt`). Then, restart OpenTP1.

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KFCA11057-W

mmm `failure to write to output queue because number of enqueued` `output messages exceeds the limit. application name=`*aa...aa*`,` `application type=`*bb...bb*`, logical terminal name=`*cc...cc*

mmm: MCF identifier

aa...aa: Application name

 ******* is output for SPP.

bb...bb: Application type

 mcf: MCF event

 user: User application

 **** is output for SPP.

cc...cc: Name of the logical terminal used for output

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Wait for a while and re-execute the command. Alternatively, change the setting of the MCF communication configuration definition (`mcftalcle -m`), and then restart OpenTP1.

KFCA11058-E (E)

mmm *aa...aa* `file already exists.`

mmm: MCF identifier

aa...aa: Path name and file name

S: Does not perform dump output processing.

O: Change the file name where dump is output to. Or, delete the existing file name and re-execute.

KFCA11059-E

mmm `MHP user server is in shutdown state. service group` `name=`*aa...aa*

mmm: MCF identifier

aa...aa: Service group name

S: Places the service group in the shutdown state and continues processing.

KFCA11060-E

```
cannot start aa...aa service because it is in shutdown state.
application name=bb...bb, application type=cc...cc
```

aa...aa: Service name

bb...bb: Application name

cc...cc: Application type

　　mcf: MCF event

　　user: User application

S: Continues processing without starting the service.

O: Enter the mcftactsv operation command and re-execute.

KFCA11061-W

mmm MHP user server is terminating. service group name=*aa...aa*

mmm: MCF identifier

aa...aa: Service group name

S: Shuts down the service group and continues processing.

KFCA11062-W (E)

```
mmm application was already shut down by aa...aa command.
application name=bb...bb, application type=cc...cc
```

mmm: MCF identifier

aa...aa: Command name

bb...bb: Application name

cc...cc: Application type

　　mcf: MCF event

　　user: User application

S: Invalidates the command and terminates processing.

KFCA11063-W (E)

```
mmm application is already released from shutdown state. command
name=aa...aa, application name=bb...bb, application type=cc...cc
```

mmm: MCF identifier

aa...aa: Command name

bb...bb: Application name

cc...cc: Application type

mcf: MCF event

user: User application

S: Invalidates the command and terminates processing.

KFCA11064-W (E)

mmm service group *aa...aa* is already shut down by *bb...bb* command.

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Command name

S: Invalidates the command and terminates processing.

KFCA11065-W

mmm operation falls back because error occurred in initial processing during disk queue processing for transmission messages.

mmm: MCF identifier

S: Stops the initial disk queue processing of transmission messages. The system continues processing using the memory queue instead of the disk queue.

O: To execute the disk queue processing, collect the maintenance information and contact the maintenance personnel.

KFCA11066-W

mmm disk queue processing for send messages falls back. logical terminal name=*aa...aa*

mmm: MCF identifier

aa...aa: Logical terminal name

S: Continues processing using the memory queue for processing the send messages instead of the disk queue.

O: To execute the disk queue processing, collect the maintenance information and

contact the maintenance personnel.

KFCA11067-W

mmm `disk queue processing for receive messages falls back.`
`logical terminal name=`*aa...aa*

mmm: MCF identifier

aa...aa: Logical terminal name

S: Continues processing using the memory queue for processing the receive messages instead of the disk queue.

O: To execute the disk queue processing, collect the maintenance information and contact the maintenance personnel.

KFCA11068-W

mmm `disk queue processing for receive messages falls back.`
`application name=`*aa...aa*`, application type=`*bb...bb*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

    user: User application

S: Continues processing using the memory queue for processing the receive messages instead of the disk queue.

O: To execute the disk queue processing, collect the maintenance information and contact the maintenance personnel.

KFCA11069-W

mmm `cannot put receive messages in input queue because`
`application is in shutdown state. application name=`*aa...aa*`,`
`application type=`*bb...bb*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

user: User application

S: Continues processing without cataloging the receive messages in the input queue.

O: Contact the OpenTP1 administrator.

Countermeasure: Enter the `mcftactap` operation command and release the application from the shutdown state.

KFCA11070-W (E)

mmm `number of abnormal terminations of the application is already initialized. command name=`*aa...aa*`, application name=`*bb...bb*`, application type=`*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Application name

cc...cc: Application type

mcf: MCF event

user: User application

S: Invalidates the command and terminates processing.

KFCA11071-W

mmm `cannot start service because application is in shutdown state. application name=`*aa...aa*`, application type=`*bb...bb* `application MCFID=`*cc...cc*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

cc...cc: MCF identifier of the application activation origin

S: Continues processing without starting the service.

O: Enter the `mcftactap` command and re-execute.

KFCA11072-W (E)

mmm `relevant service group already held. command name=`*aa...aa* `service group name=`*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Service group name

S: Invalidates the relevant command and continues processing.

KFCA11073-W (E)

mmm relevant service group already released from holding.
command name=*aa...aa* service group name=*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Service group name

S: Invalidates the relevant command and continues processing.

KFCA11074-W (E)

mmm MHP user server is terminating; shuts down service group
aa...aa. command=*bb...bb*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Command name

S: Releases the input queue processing from the hold status. Shuts down the service
group and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause that placed the service group in the shutdown
state and release the service group from the shutdown state using the mcftactsg
operation command.

KFCA11075-W (E)

mmm MHP user server is not activated; shuts down service group
aa...aa. command=*bb...bb*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Command name

S: Releases the input queue processing from the hold status. Shuts down the service
group and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause the placed the service group in the shutdown state and release the service group from the shutdown state using the `mcftactsg` operation command.

KFCA11076-W (E)

mmm `MHP user server is in shutdown state; shuts down service group` *aa...aa*`. command=`*bb...bb*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Command name

S: Releases the input queue processing from the hold status. Shuts down the service group and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause that placed the service group in the shutdown state and release the service group from the shutdown state using the `mcftactsg` operation command.

KFCA11077-W (E)

mmm `specified service group not shut down (or held). command name=`*aa...aa* `service group name=`*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Service group name

S: Skips the relevant service group and continues processing.

O: Shut down or hold the service group, then re-execute.

KFCA11078-W

mmm `cannot put receive messages in input queue while performing delayed rerun. service group name=`*aa...aa*

mmm: MCF identifier

aa...aa: Service group name

S: Continues processing without cataloging the receive messages in the input queue.

O: Re-execute after the delayed rerun is terminated.

KFCA11079-W

mmm error occurred in input queue; cannot use input queue. service group name=*aa...aa*

mmm: MCF identifier

aa...aa: Service group name

S: Continues processing.

Countermeasure: Eliminate the cause of the error in the input queue described in the previous message and reactivate MCF.

KFCA11080-W

mmm cannot put receive messages in input queue because of input queue fault. service group name=*aa...aa*

mmm: MCF identifier

aa...aa: Service group name

S: Continues processing without cataloging the receive messages in the input queue.

Countermeasure: Eliminate the cause of the error in the input queue described in the previous message and reactivate MCF.

KFCA11081-W

mmm error occurred in output queue; cannot use output queue. logical terminal name=*aa...aa*

mmm: MCF identifier

aa...aa: Logical terminal name

S: Continues processing.

Countermeasure: Eliminate the cause of the error in the output queue described in the previous message and reactivate MCF.

KFCA11082-W

mmm failure to recover application status. application name=*aa...aa*, application type=*bb...bb*, reason code=*cc...cc*, detail code=*dd...dd*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

    user: User application

cc...cc: Reason code (maintenance information)

dd...dd: Detail code (maintenance information)

S: Catalogs with input and scheduling started up since recovering the application status failed.

O: To recover the application status, contact the maintenance personnel.

KFCA11083-W

mmm `failure to recover service status. service name=`*aa...aa*`, reason code=`*bb...bb*`, detail code=`*cc...cc*

mmm: MCF identifier

aa...aa: Service name

bb...bb: Reason code (maintenance information)

cc...cc: Detail code (maintenance information)

S: Catalogs with input and scheduling started up since recovering the service status failed.

O: To recover the service status, contact the maintenance personnel.

KFCA11084-W

mmm `failure to recover service group status. service group name=`*aa...aa*`, reason code=`*bb...bb*`, detail code=`*cc...cc*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Reason code (maintenance information)

cc...cc: Detail code (maintenance information)

S: Catalogs with input and scheduling started up since recovering the service group status failed.

O: To recover the service group status, contact the maintenance personnel.

KFCA11085-I

mmm application status recovered. application name=*aa...aa*,
application type=*bb...bb*, status=*cc...cc dd...dd*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

mcf: MCF event

user: User application

cc...cc: Shutdown or active state for input

ACT: Active

DCT: Shutdown

dd...dd: Shutdown or active state for scheduling

ACT: Active

DCT: Shutdown

S: Recovers the application with the status indicated by *cc...cc* and *dd...dd*.

KFCA11086-I

mmm service status recovered. service name=*aa...aa*, status=*bb...bb*
cc...cc

mmm: MCF identifier

aa...aa: Service name

bb...bb: Shutdown or active state for input

ACT: Active

DCT: Shutdown

cc...cc: Shutdown or active state for scheduling

ACT: Active

DCT: Shutdown

S: Recovers the service with the status indicated by *bb...bb* and *cc...cc*.

KFCA11087-I

mmm `service group status recovered. service group name=`*aa...aa*`,`
`status=`*bb...bb* *cc...cc* *dd...dd* *ee...ee*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Shutdown or active state for input

    ACT: Active

    DCT: Shutdown

cc...cc: Shutdown or active state for scheduling

    ACT: Active

    DCT: Shutdown

dd...dd: Input held or holding released

    NOH: Releases input holding.

    HLD: Holds the input.

ee...ee: Schedule held or holding released

    NOH: Releases schedule holding.

    HLD: Holds the schedule.

S: Restores the service group status to that indicated by *bb...bb*, *cc...cc*, *dd...dd*, and
ee...ee.

KFCA11088-W (E)

mmm *aa...aa* `command is processed normally, but the status failed`
`to continue. ID=`*bb...bb* `error location=`*cc...cc*`, reason code=`*dd...dd*`,`
`detail code=`*ee...ee*

mmm: MCF identifier

aa...aa: Command name

bb...bb: ID

    `mcfaactap`, `mcfadctap`: Application name

    `mcftactsg`, `mcftdctsg`, `mcfthldiq`, or `mcftrlsiq`: Service group name

    `mcftactsv`, `mcftdctsv`: Service name

cc...cc: Error location (maintenance information)

dd...dd: Reason code (maintenance information)

ee...ee: Detail code (maintenance information)

S: Does not continue the status to the rerun if the status is changed by the command.

O: To continue the status to the rerun, contact the maintenance personnel.

KFCA11089-W (E)

mmm although *aa...aa* command was processed normally, status failed
to continue since the number of status continuations exceeded
the upper limit specified in definition. ID=*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: ID

 mcfaactap, mcfadctap: Application name

 mcftactsg, mcftdctsg, mcfthldiq, mcftrlsiq: Service group name

 mcftactsv, mcftdctsv: Service name

S: Does not continue the status to the rerun if the status is changed by the command.

O: Correct the upper limit specification for the number of status continuations in the
MCF manager or the MCF communication configuration definition.

KFCA11090-W

mmm service group is secured because it is involved in secured
transaction. service group name=*aa...aa*

mmm: MCF identifier

aa...aa: Service group name

S: Secures the service group.

O: Do not attempt to access the service group until it is unsecured.

KFCA11091-E

mmm received message cannot be registered to the input queue
because service group or application is secured. service group
name=*aa...aa* application name=*bb...bb* application type=*cc...cc*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Application name

cc...cc: Application type

    mcf: MCF event

    user: User application

S: Continues processing without registering the received message to the input queue.

O: Do not attempt to access the service group or application until it is unsecured.

KFCA11092-W

mmm application is secured because secured logical terminal has been accessed. logical terminal name=*aa...aa* application name=*bb...bb* application type=*cc...cc* application MCFID=*dd...dd*

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Application name

cc...cc: Application type

    mcf: MCF event

    user: User application

dd...dd: MCF identifier of application starter

S: Secures the application.

O: Do not attempt to access the application until it is unsecured.

KFCA11093-I

mmm application is unsecured because logical terminal has been unsecured. logical terminal name=*aa...aa* application name=*bb...bb* application type=*cc...cc* application MCFID=*dd...dd*

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Application name

cc...cc: Application type

    mcf: MCF event

    user: User application

dd...dd: MCF identifier of application starter

S: Unsecures the application.

KFCA11094-I

mmm service group is unsecured because the transaction it has been involved is unsecured. service group name=*aa...aa*

mmm: MCF identifier

aa...aa: Service group name

S: Unsecures the service group.

KFCA11095-E

mmm secured application prevents service start. application name=*aa...aa* application type=*bb...bb* application MCFID=*cc...cc*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

　　mcf: MCF event

　　user: User application

cc...cc: MCF identifier of application starter

S: Starts ERREVT2.

O: Do not attempt to access the application until it is unsecured.

KFCA11096-W (E)

mmm SPP resources prevent the input queue from collecting dump. command name=*aa...aa* service group name=*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Service group name

S: Invalidates the service group to allow processing to continue.

KFCA11097-W (E)

mmm SPP resources prevent the deletion of the input queue. command name=*aa...aa* service group name=*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Service group name

S: Invalidates the service group to allow processing to continue.

KFCA11098-W (E)

mmm `SPP resources prevent shutting down of the resource or freeing of a shut down resource. command name=`*aa...aa* `resource type=`*bb...bb* `resource name=`*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Resource type

   SRV: Service

   SVG: Service group

cc...cc: Resource name

S: Invalidates the command to allow processing to continue.

KFCA11099-W (E)

mmm `SPP resources prevent shutting down of the application or freeing of a shut down application. command name=`*aa...aa* `application name=`*bb...bb* `application type=`*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Application name

cc...cc: Application type

   mcf: MCF identifier

   user: User application

S: Invalidates the command to allow processing to continue.

KFCA11100-E

mmm `error occurred when activating application. activation target application=`*aa...aa*`, activation source application=`*bb...bb*`, application type=`*cc...cc*`, reason code=`*dd...dd*`, maintenance code=`*ee...ee*

mmm: MCF identifier

aa...aa: Activation target application

bb...bb: Activation source application

cc...cc: Activation source application type

    mcf: MCF event

    user: User application

dd...dd: Reason code

    `00000001`: The number of enqueued input messages exceeds the limit specified in the MCF application definition.

    `00000002`: The input queue is full.

    `00000003`: An I/O error occurred in the input queue.

    `00000004`: An I/O error occurred in the output queue.

    `00000005`: Memory is insufficient.

    `00000006`: The application is in the shutdown state.

    `00000007`: The service is in the shutdown state.

    `00000008`: The service group is in the shutdown state.

    `00000009`: A logic conflict occurred.

    `00000010`: The maximum segment length specified in the MCF manager definition is too short.

    `00000011`: The length of the message sent by the `dc_mcf_execap` function is invalid.

ee...ee: Maintenance code

S: Ignores activation of the application and discards the message.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11103-E

```
mmm error occurred when activating error event aa...aa.
name of logical terminal used for input=bb...bb, reason code=cc...cc,
maintenance code=dd...dd
```

mmm: MCF identifier

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aa...aa: Error event to be activated

bb...bb: Name of the logical terminal used for input

cc...cc: Reason code

`00000001`: The number of enqueued input messages exceeds the limit specified in the MCF application definition.

`00000002`: The input queue is full.

`00000003`: An I/O error occurred in the input queue.

`00000004`: An I/O error occurred in the output queue.

`00000005`: Memory is insufficient.

`00000006`: The application is in the shutdown state.

`00000007`: The service is in the shutdown state.

`00000008`: The service group is in the shutdown state.

`00000009`: A logic conflict occurred.

`00000010`: The maximum segment length specified in the MCF manager definition is too short.

`00000011`: The length of the message sent by the `dc_mcf_execap` function is invalid.

`00000012`: The error event indicated by *aa...aa* is not defined in the MCF application definition.

dd...dd: Maintenance code

S: Ignores activation of the error event and discards the message.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11104-E

mmm `cataloging to transaction is impossible. reason code1=`*aa...aa*`, reason code2=`*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

`00000001`: Areas cannot be allocated in process memory.

`00000002`: An MCF communication function has been called from other than the

transaction.

00000003: `atomic_update=N` is specified in the user service definition or MCF is not cataloged in the resource manager switch.

bb...bb: Maintenance code

S: Continues processing. If the reason code indicates 00000001 after transaction cataloging is complete, the user process is abnormally terminated.

O: Contact the OpenTP1 administrator.

Countermeasure: Perform one of the following countermeasures depending on the type of reason code 1:

00000001: Allocate sufficient process-specific memory and re-execute.

00000002: Start the transaction before the MCF communication function if the MCF communication function is issued from SPP without starting the transaction. Then re-execute.

00000003: Specify `atomic_update=Y` in the user service definition or catalog MCF in the resource manager switch and reperform a linkage.

If the reason is unknown, contact the maintenance personnel.

KFCA11105-E

mmm `commit preparation processing cannot be performed since error occurred during processing. reason code1=`*aa...aa*`, reason code2=`*bb...bb*`, transaction ID=`*cc...cc*

mmm: MCF identifier

aa...aa: Reason code

00000002: Shared memory cannot be accessed.

00000003: Commit preparation processing for the input queue or the output queue cannot be performed since an error occurred in the queue service.

00000004: Shared memory cannot be initialized.

00000005: No CJ data can be acquired.

bb...bb: Maintenance code

cc...cc: Transaction ID (BID)

S: Rolls back this transaction.

O: Contact the OpenTP1 administrator.

KFCA11106-E

mmm `commit processing cannot be performed since error occurred during processing. reason code1=`*aa...aa*`, reason code2=`*bb...bb*`, transaction ID=`*cc...cc*

mmm: MCF identifier

aa...aa: Reason code

> `00000002`: Shared memory cannot be accessed.

> `00000003`: Commit processing for the input queue or the output queue cannot be performed since an error occurred in the queue service.

> `00000004`: The event cannot be validated.

> `00000005`: Shared memory cannot be initialized.

> `00000006`: The message cannot be validated.

> `00000007`: The temporary storage area for continuous inquiry-response cannot be released.

> `00000008`: The transaction cannot be unsecured.

bb...bb: Maintenance code

cc...cc: Transaction ID (BID)

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

KFCA11107-E

mmm `service group` *aa...aa* `cannot be activated. reason code1=`*bb...bb*`, reason code2=`*cc...cc*

mmm: MCF identifier

aa...aa: Reason code

> Reason codes and their countermeasures are shown in the table below.

bb...bb: Maintenance code

cc...cc: Service group name

S: Terminates scheduling services.

O: Contact the OpenTP1 administrator.

Countermeasure: Take corrective action according to the reason code. If the cause

cannot be determined, contact maintenance personnel.

Reason code	Meaning	Countermeasure
00000001	The `service` operand is not specified in the user service definition.	Carefully review the user service definition or the RPC interface definition.
00000002	The entry point name specified in the `service` operand in the user service definition is not defined in the RPC interface definition.	
00000003	The specified service is not defined in the user service definition.	
00000004	The service cannot be loaded due to insufficient memory. This reason code appears only when the facility for dynamic loading of service functions is used.	Insufficient memory. Correct the cause of the insufficient memory, and then restart the user server.
00000005	The UAP shared library specified in the `service` operand in the user service definition cannot be read, or the specified entry point name cannot be resolved. This reason code appears only when the facility for dynamic loading of service functions is used.	Take the countermeasure shown for the *KFCA00344-E* message, which appears earlier in this manual.

KFCA11108-E

mmm `rollback processing cannot be performed since error occurred. reason code1=`*aa...aa*`, reason code2=`*bb...bb*`, transaction ID=`*cc...cc*

mmm: MCF identifier

aa...aa: Reason code

    `00000001`: The message cannot be invalidated.

    `00000002`: The journal service is not activated.

    `00000003`: Shared memory cannot be accessed.

    `00000004`: An error occurred in the initial setting of memory.

    `00000005`: The transaction cannot be unsecured.

bb...bb: Maintenance code

cc...cc: Transaction ID (BID)

S: Terminates rollback processing.

O: Contact the OpenTP1 administrator.

KFCA11110-E

`mmm performs rollback processing since some MCF communication functions are not issued. reason code=`*aa...aa*`, application name=`*bb...bb*`, application type=`*cc...cc*

mmm: MCF identifier

aa...aa: Reason code

    `00000001`: Replies are not issued from the UAP of inquiry-response or continuous inquiry-response-type.

    `00000002`: The UAP is terminated without issuing the MCF communication function specifying EMI.

    `00000003`: A message reception request is not issued.

bb...bb: Application name

cc...cc: Application type

    mcf: MCF event

    user: User application

S: Terminates the user process.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the UAP and re-execute.

KFCA11111-E

`mmm error occurred when starting service. service group name=`*aa...aa*`, service name=`*bb...bb*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Service name

S: Activates the error event.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11112-E

mmm `error occurred when scheduling services. reason code1=`*aa...aa*`,` `reason code2=`*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

> `00000001`: An error occurred in the transaction manager.

> `00000002`: An error occurred in shared memory.

bb...bb: Maintenance code

S: Terminates the user process abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11113-E

mmm `cannot acquire area for storing MCF manager definition` `information. reason code=`*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance code

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the shared memory size and restart.

KFCA11114-E

mmm `cannot perform restart processing since journals cannot be` `acquired. reason code1=`*aa...aa*`, reason code2=`*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

> `00000001`: An error was detected during queue service journal acquisition.

> `00000002`: An error was detected during secure journal acquisition.

bb...bb: Maintenance code

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

KFCA11115-E

mmm cannot acquire output serial numbers. service group name=*aa...aa*, service name=*bb...bb*, logical terminal of output destination=*cc...cc*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Service name

cc...cc: Name of the logical terminal of the output destination

S: Rolls back this transaction.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11116-E

mmm dump cannot be acquired since error occurred during processing. reason code=*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance code

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: If the cause is unknown, contact the maintenance personnel.

KFCA11117-E

mmm number of issued MCF communication functions exceeds the limit. application name=*aa...aa*, application type=*bb...bb*, limit=*cc...cc*, issued function=*dd...dd*

The number of MCF communication functions which were issued after the service started until it ended exceeds the limit.

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

> mcf: MCF event

> user: User application

cc...cc: Limit

dd...dd: Issued function

S: Rolls back the transaction.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the value specified for the `mcf_service_max_count` operand in the user service definition or user service default definition. If the operand is not specified, check the value specified for the `-d` option of the `mcfmuap` definition command in the MCF manager definition. Then, correct the cause of the error and re-execute.

KFCA11118-E

mmm cannot release resource even though error occurred in MCF communication functions. reason code1=*aa...aa*, reason code2=*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

> `00000001`: Shared memory cannot be accessed.

> `00000002`: The output queue cannot be reset.

> `00000003`: The event cannot be invalidated.

> `00000004`: Application activation preparation cannot be invalidated.

bb...bb: Maintenance code

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error and re-execute.

KFCA11119-E

mmm cannot monitor since error occurred in transaction time monitoring. application name=*aa...aa*, application type=*bb...bb*, reason code=*cc...cc*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

    user: User application

cc...cc: Maintenance code

S: Continues processing without monitoring the transaction.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11121-E

mmm `cannot activate service due to unrecoverable error. reason code1=`*aa...aa*`, reason code2=`*bb...bb*`, service group name=`*cc...cc*

mmm: MCF identifier

aa...aa: Maintenance code

bb...bb: Maintenance code

cc...cc: Service group name

S: Terminates scheduling services.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

    If the cause is unknown, contact the maintenance personnel.

KFCA11122-E

mmm `cannot activate service group` *aa...aa* `since process-specific memory is insufficient. reason code=`*bb...bb*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Maintenance code

S: Terminates scheduling services.

O: Contact the OpenTP1 administrator.

Countermeasure: Allocate sufficient process-specific memory and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11123-E

mmm `abnormally terminates user process since error occurred in transaction manager. maintenance code=`*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance code

S: Terminates the user process abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11124-E

mmm `cannot activate error event. reason code1=`*aa...aa*`, reason code2=`*bb...bb*`, error event name=`*cc...cc* `name of logical terminal used for input=`*dd...dd*

mmm: MCF identifier

aa...aa: Reason code

    `00000001`: The error event is not defined.

    `00000002`: An error occurred while referring to the application definition.

    `00000003`: The logical terminal name or the internal channel is incorrect in the application definition.

    `00000004`: The logical terminal for the application cannot be used.

    `00000005`: The contents of the application definition and the MCF communication configuration definition do not match.

    `00000006`: Memory is insufficient.

    `00000007`: The region managed by the MCF cannot be accessed.

    `00000008`: Impossible scheduling

bb...bb: Maintenance code

cc...cc: Error event name

dd...dd: Name of the logical terminal used for input

S: Continues processing.

O: Contact the OpenTP1 administrator.

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Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11125-E

mmm error occurred during application activation. activation target application=*aa...aa*, reason code=*bb...bb*, maintenance code=*cc...cc*

mmm: MCF identifier

aa...aa: Name of the activation target application

bb...bb: Reason code

00000001: The number of enqueued input messages exceeds the limit specified in the MCF application definition.

00000002: The input queue is full.

00000003: An I/O error occurred in the input queue.

00000004: An I/O error occurred in the output queue.

00000005: Memory is insufficient.

00000006: The application is in the shutdown state.

00000007: The service is in the shutdown state.

00000008: The service group is in the shutdown state.

00000009: A logic conflict occurred.

00000010: The maximum segment length specified in the MCF manager definition is too short.

00000011: The length of the message sent by the dc_mcf_execap function is invalid.

cc...cc: Maintenance code

S: Ignores application activation and discards the message.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11129-E

mmm number of issued MCF communication functions exceeds the
limit. service group name=*aa...aa*, service name=*bb...bb*, limit=*cc...cc*,
issued function=*dd...dd*

The number MCF communication functions which were issued from the time the
service started until it ended exceeds the limit.

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Service name

cc...cc: Limit

dd...dd: Issued function

S: Rolls back the transaction if startup of the transaction is declared. If startup of the
transaction is not declared, the system terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the value specified for the mcf_service_max_count
operand in the user service definition or user service default definition. If the operand
is not specified, check the value specified for the -d option of the mcfmuap definition
command in the MCF manager definition. Then, correct the cause of the error and then
re-execute.

KFCA11130-E

mmm cannot wait for determination of the transaction in READY
status. reason code=*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance code

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message
and reactivate OpenTP1.

KFCA11133-E

mmm cannot access area managed by the MCF communication
function. service group name=*aa...aa*

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mmm: MCF identifier

aa...aa: Service group name

S: Rolls back the transaction if startup of the transaction is declared. If startup of the transaction is not declared, the system terminates abnormally.

If rollback processing is currently performed, the system terminates abnormally.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11134-E

`mmm` cannot acquire journals. application name=*aa...aa*, application type=*bb...bb*, reason code1=*cc...cc*, reason code2=*dd...dd*, journal type=*ee...ee*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

mcf: MCF event

user: User application

cc...cc: Reason code

`00000003`: A nonrecoverable error has occurred.

`00000004`: The intra-process journal buffer is running short.

`00000005`: The system journal buffer is running short.

dd...dd: Maintenance code

ee...ee: Journal category

GJ: `get_journal`

OJ: `output_journal`

S: Continues processing without acquiring the journal.

O: Contact the OpenTP1 administrator.

Countermeasure: Take corrective action according to reason code.

`00000003`: Contact the maintenance personnel.

`00000004`: Increase the journal buffer size in the user service definition (`mcf_jnl_buff_size`) or that in the MCF manager definition (`mcfmuap -j`) before executing the command again.

00000005: Increase the system journal service definition's maximum record length (`jnl_max_datasize`) before executing the command again.

KFCA11135-E

mmm cannot acquire journals. service group name=*aa...aa*, service name=*bb...bb*, reason code1=*cc...cc*, reason code2=*dd...dd*, journal type=*ee...ee*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Service name

cc...cc: Reason code

00000003: A nonrecoverable error has occurred.

00000004: The intra-process journal buffer is running short.

00000005: The system journal buffer is running short.

dd...dd: Maintenance code

ee...ee: Journal category

GJ: `get_journal`

OJ: `output_journal`

S: Continues processing without acquiring the journal.

O: Contact the OpenTP1 administrator.

Countermeasure:

00000003: Contact the maintenance personnel.

00000004: Increase the journal buffer size in the user service definition (`mcf_jnl_buff_size`) or that in the MCF manager definition (`mcfmuap -j`) before executing the command again.

00000005: Increase the system journal service definition's maximum record length (`jnl_max_datasize`) before executing the command again.

KFCA11136-E

mmm cannot activate service since specified service is not defined in user service definition. reason code=*aa...aa*, service group name=*bb...bb*, service name=*cc...cc*

mmm: MCF identifier

aa...aa: Maintenance code

bb...bb: Service group name

cc...cc: Service name

S: Continues processing without activating the service. When ERREVT2 is defined, activates it.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the user service definition and re-execute.

KFCA11137-E

```
mmm error occurred while scheduling services. reason
code1=aa...aa, reason code2=bb...bb
```

mmm: MCF identifier

aa...aa: Reason code

    `00000001`: An error occurred in the transaction manager.

    `00000002`: An error occurred in shared memory.

bb...bb: Maintenance code

S: Terminates scheduling services.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11138-E

```
mmm cannot activate error event since error occurred in MCF
event handling MHP. MCF event name=aa...aa name of logical terminal
used for input=bb...bb
```

mmm: MCF identifier

aa...aa: MCF event name

bb...bb: Name of the logical terminal used for input

S: Discards the error event because an error occurred in it, making reporting the error event impossible.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11139-E

mmm cannot access shared memory since exclusive control cannot be acquired. reason code1=*aa...aa*, reason code2=*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

00000001: Exclusive control cannot be acquired even though the specified time elapsed.

00000002: An error occurred when referring to the user information corresponding to a process.

00000003: An error occurred when updating the user information corresponding to a process.

00000004: The exclusive control area cannot be accessed.

bb...bb: Maintenance code

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11140-E

mmm dynamic shared memory cannot be allocated. reason code1=*aa....aa* memory requirement=*bb....bb*

mmm: MCF identifier

aa...aa: Maintenance code

bb...bb: Required memory size

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Increase the total amount of dynamic shared memory at maximum usage (dynamic_shmpool_size) in the system environment definition, and then retry.

KFCA11141-E

mmm shared memory cannot be released. reason code1=*aa...aa*, reason code2=*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

    `00000001`: Shared memory cannot be accessed.

bb...bb: Maintenance code

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11142-E

mmm `cannot refer to MCF manager definition. reason code=`*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance code

S: Terminates abnormally.

O: Contact the maintenance personnel.

KFCA11143-E

mmm `cannot perform start processing since local memory is insufficient. reason code=`*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance code

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA11144-E

mmm `cannot perform output serial number processing since error occurred during processing. service group name=`*aa...aa*`, service name=`*bb...bb*`, reason code=`*cc...cc*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Service name

cc...cc: Maintenance code

S: Invalidates the processing performed by the service.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11146-E

mmm cannot perform commit preparation processing since error occurred during processing. reason code1=*aa...aa*, reason code2=*bb...bb*, transaction ID=*cc...cc*

mmm: MCF identifier

aa...aa: Reason code

00000002: The versions of the library and the executable file do not match.

bb...bb: Maintenance code

cc...cc: Transaction ID (BID)

S: Rolls back this transaction.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error according to the following reason code and the countermeasure and re-execute.

00000002: Match the versions of the library and the executable file.

If the cause is unknown, contact the maintenance personnel.

KFCA11148-E

mmm cannot acquire output serial numbers. application name=*aa...aa*, application type=*bb...bb*, logical terminal of output destination=*cc...cc*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

mcf: MCF event

user: User application

cc...cc: Name of the logical terminal of the output destination

S: Invalidates the processing performed by the application.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11149-E

mmm `cannot catalog to transaction. reason code1=`*aa...aa*`, reason code2=`*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

> `00000001`: An error occurred in the transaction manager.

> `00000002`: The service definition cannot be read.

> `00000003`: Transaction journal acquisition cannot be started.

> `00000004`: An error occurred during dynamic cataloging release of the transaction manager.

bb...bb: Maintenance code

S:

> When the reason code is `00000001` to `00000003`:

>> Terminates the user process abnormally.

> When the reason code is `00000004`:

>> Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11150-E

mmm `cannot perform commit processing since error occurred during processing. reason code1=`*aa...aa*`, reason code2=`*bb...bb*`, transaction ID=`*cc...cc*

mmm: MCF identifier

aa...aa: Reason code

> `00000001`: The versions of the library and the executable file do not match.

bb...bb: Maintenance code

cc...cc: Transaction ID (BID)

S: Terminates the user process.

O: Contact the OpenTP1 administrator.

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Countermeasure: Eliminate the cause of the error according to the following reason code and the countermeasure and re-execute.

00000001: Match the versions of the library and the executable file.

KFCA11152-E

mmm `cannot refer to shared memory. reason code1=`*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance code

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11153-E

mmm `cannot release management areas used by MCF communication functions. transaction ID=`*aa...aa*

mmm: MCF identifier

aa...aa: Transaction ID

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11155-E

mmm `cannot terminate transaction. reason code1=`*aa...aa*`, reason code2=`*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

00000001: An error occurred during journal output.

00000002: An error occurred during journal buffer release.

bb...bb: Maintenance code

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11156-E

mmm cannot perform commit processing since error occurred during processing. reason code1=*aa...aa*, reason code2=*bb...bb*, transaction ID=*cc...cc*

mmm: MCF identifier

aa...aa: Reason code

00000001: Shared memory cannot be accessed.

00000002: Commit processing for the input queue or the output queue cannot be performed since an error occurred in the queue service.

bb...bb: Maintenance code

cc...cc: Transaction ID (BID)

S: Rolls back this transaction.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11158-E

mmm performs rollback processing since some MCF communication functions are not issued. reason code=*aa...aa*, service group name=*bb...bb*, service name=*cc...cc*

mmm: MCF identifier

aa...aa: Reason code

00000001: The UAP is terminated without issuing the MCF communication function specifying EMI.

bb...bb: Service group name

cc...cc: Service name

S: Rolls back this transaction.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the UAP and re-execute.

KFCA11159-E

mmm `cannot perform start processing since MCF start mode is` `unknown. reason code=`*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance code

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11160-E

mmm `cannot check process area since it cannot be referred to.` `reason code=`*aa...aa*`, process ID=`*bb...bb*

Error events might not be activated if this message is output.

mmm: MCF identifier

aa...aa: Maintenance code

bb...bb: Process ID

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11161-E

mmm `monitoring cannot be terminated since error occurred during` `MHP maximum elapsed time monitoring. reason code1=`*aa...aa*`, reason` `code2=`*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

> `00000001`: The monitoring request is not made using the timer ID specified by the argument. Or, the monitoring request is deleted due to a time out.

> `00000002`: The timer service does not exist on the same node.

> `00000003`: An error is found in the wall clock of shared memory or in the reference procedure of the time monitoring table.

00000004: The requested time monitoring information cannot be referred.

00000005: Other errors occurred.

bb...bb: Maintenance code

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11162-E

mmm `cannot perform rollback processing since error occurred.`
`reason code1=`*aa...aa*`, reason code2=`*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

00000001: The message cannot be invalidated.

00000002: The journal service is not activated.

00000003: An error occurred in shared memory.

00000004: An error occurred in the initial setting of memory.

00000005: The management area cannot be referred.

bb...bb: Maintenance code

S: Terminates rollback processing abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11163-E

mmm `cannot reschedule UAP. reason code1=`*aa...aa*`, reason`
`code2=`*bb...bb*`, application name=`*cc...cc*`, name of logical terminal`
`used for input=`*dd...dd*

mmm: MCF identifier

aa...aa: Reason code

00000001: The application name is not defined in the application definition.

00000002: The logical terminal name or the internal channel name in the MCF

application definition is invalid.

    `00000003`: The logical terminal cannot be used for the application.

    `00000004`: The contents of the application definition and the MCF communication configuration definition do not match.

    `00000005`: Memory is insufficient.

bb...bb: Maintenance code

cc...cc: Application name

dd...dd: Name of the logical terminal used for input

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11165-E

mmm `terminates user process abnormally since error occurred during rollback processing. reason code=`*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance code

S: Terminates the user process abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11166-E

mmm `unrecoverable error occurred. reason code1=`*aa...aa*`, reason code2=`*bb...bb*

mmm: MCF identifier

aa...aa: Reason code

    `00000001`: An error occurred in the initial setting of memory.

    `00000002`: An error occurred in the MCF.

bb...bb: Maintenance code

S: Terminates the user process abnormally.

O: Contact the OpenTP1 administrator.

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Countermeasure: Contact the maintenance personnel.

KFCA11167-E

mmm `cannot monitor since error occurred during transaction time monitoring. service group name=`*aa...aa*`, service name=`*bb...bb*`, reason code=`*cc...cc*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Service name

cc...cc: Maintenance code

S: Continues processing without performing time monitoring for the transaction.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11168-E

mmm `cannot release areas managed by MCF communication functions. reason code1=`*aa...aa*`, reason code2=`*bb...bb*`, process ID=`*cc...cc*

mmm: MCF identifier

aa...aa: Reason code

　　`00000001`: The area managed by the MCF communication function cannot be accessed.

bb...bb: Maintenance code

cc...cc: Process ID

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11169-E

mmm `cannot report error to MCF communication service. reason code1=`*aa...aa*`, reason code2=`*bb...bb*`, application name=`*cc...cc*`, name of logical terminal used for input=`*dd...dd*

mmm: MCF identifier

aa...aa: Reason code

00000001: Memory is insufficient.

00000002: The region managed by the MCF cannot be accessed.

00000003: An error occurred in the MCF.

bb...bb: Maintenance code

cc...cc: Application name

dd...dd: Name of the logical terminal used for input

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Enter the logical terminal shutdown command, if necessary, to relieve the terminal from the in-progress status.

While responding to a continuous inquiry, enter the forced continuous inquiry response termination command to relieve the terminal from the in-progress status.

KFCA11170-E

mmm cannot report error to MCF communication service. reason code1=*aa...aa*, reason code2=*bb...bb*, logical terminal of output destination=*cc...cc*

mmm: MCF identifier

aa...aa: Reason code 1

00000001: Memory is insufficient.

00000002: Shared memory cannot be accessed.

bb...bb: Maintenance code

cc...cc: Name of the logical terminal of the output destination

S:

When the reason code is 00000001:

Continues processing.

When the reason code is 00000002:

Terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11171-E

mmm `cannot allocate the table for managing logical terminals.`
`reason code1=`*aa...aa*`, reason code2=`*bb...bb*`, application name=`*cc...cc*`,`
`logical terminal name=`*dd...dd*

mmm: MCF identifier

aa...aa: Reason code 1

> `00000001`: Memory is insufficient.

> `00000002`: Shared memory cannot be accessed.

bb...bb: Maintenance code

cc...cc: Application name

dd...dd: Logical terminal name

S:

> When the reason code is `00000001`:

>> Continues processing.

> When the reason code is `00000002`:

>> Rolls back this transaction.

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11172-W

mmm `abnormally terminates user process since secure logical`
`terminal was used. application name=`*aa...aa* `application type=`*bb...bb*
`logical terminal name=`*cc...cc*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

> mcf: MCF event

> user: User application

cc...cc: Logical terminal name

S: Abnormally terminates the user process.

KFCA11173-W

mmm abnormally terminates user process since secure logical terminal was used. service group name=*aa...aa* service name=*bb...bb* logical terminal name=*cc...cc*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Service name

cc...cc: Logical terminal name

S: Abnormally terminates the user process.

KFCA11174-E

mmm application is terminated abnormally upon detection of an unrecoverable error. application name=*aa...aa* application type=*bb...bb* reason code=*cc...cc* maintenance code=*dd...dd*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

    user: User application

cc...cc: Reason code

    00000001: The output queue message cannot be discarded.

    00000002: The application startup event cannot be discarded.

    00000003: The message transmission event cannot be discarded.

    00000004: The input queue message cannot be discarded.

    00000005: The application cannot be shut down.

dd...dd: Maintenance code

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11175-E

mmm `error was detected upon application termination.`
`application name=`*aa...aa* `application type=`*bb...bb* `reason code=`*cc...cc*
`maintenance code=`*dd...dd*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

    user: User application

cc...cc: Reason code

    `00000001`: The input and output queues are not ready to be validated.

    `00000002`: The input and output queues cannot be validated.

    `00000003`: No journal can be ejected.

dd...dd: Maintenance code

S: Invalidates the processing performed by the application.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11176-E

mmm `error was detected upon application termination.`
`application name=`*aa...aa* `application type=`*bb...bb* `reason code=`*cc...cc*
`maintenance code=`*dd...dd*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

    user: User application

cc...cc: Reason code

    `00000001`: The continuous inquiry-response temporary data cannot be updated.

    `00000002`: The application startup event cannot be validated.

00000003: The message transmission event cannot be validated.

00000004: The output queue message cannot be discarded.

dd...dd: Maintenance code

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11177-E

mmm MHP limit interval cannot be supervised. application name=*aa...aa* application type=*bb...bb* reason code=*cc...cc* maintenance code=*dd...dd*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

mcf: MCF event

user: User application

cc...cc: Reason code

00000001: MHP limit interval supervision cannot be started.

00000002: MHP limit interval supervision cannot be ended.

00000003: MHP limit interval supervision cannot be interrupted.

00000004: MHP limit interval supervision cannot be restarted.

dd...dd: Maintenance code

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11178-E

mmm application is canceled because of missing MCF communication functions. reason code=*aa...aa* application name=*bb...bb* application type=*cc...cc*

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mmm: MCF identifier

aa...aa: Reason code

> `00000001`: The inquiry-response type or continuous inquiry-response type UAP has not yet issued a response.

> `00000002`: The UAP has terminated without issuing the MCF communication function specified by the EMI.

> `00000003`: No message reception request has been issued.

bb...bb: Application name

cc...cc: Application type

> mcf: MCF event

> user: User application

S: Invalidates the processing performed by the application.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the UAP, then re-execute.

KFCA11179-E

> *mmm* error was detected upon application startup. application name=*aa...aa* application type=*bb...bb* reason code=*cc...cc* maintenance code=*dd...dd*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

> mcf: MCF event

> user: User application

cc...cc: Reason code

> `00000001`: No region can be allocated in the process memory.

dd...dd: Maintenance code

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute.

KFCA11180-E

mmm `cannot perform output serial number processing. service group name=`*aa...aa* `service name=`*bb...bb* `destination logical terminal name=`*cc...cc*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Service name

cc...cc: Destination logical terminal name

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify the maximum number of logical terminals that use output sequence numbers in the MCF manager definition [the MCF manager common definition (`mcfmcomn -n`): sequence number appended to number of logical terminals]. Then, re-execute.

KFCA11181-E

mmm `error was detected in the commit preparation processing requested by another node. detail code=`*aa...aa* `maintenance code=`*bb...bb* `transaction ID=`*cc...cc* `requesting source system node ID=`*dd...dd*

mmm: MCF identifier

aa...aa: Detail code

> `00000001`: No journal can be acquired.

> `00000002`: Commit preparation processing for the input queue or the output queue cannot be performed since an error occurred in the queue service.

bb...bb: Maintenance code

cc...cc: Transaction ID (BID)

dd...dd: Requesting source system node ID

S: Rolls back the transaction.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11182-E

mmm `error was detected during commit processing requested by`
`another node. detail code=`*aa...aa* `maintenance code=`*bb...bb*
`transaction ID=`*cc...cc* `requesting source system node ID=`*dd...dd*

mmm: MCF identifier

aa...aa: Detail code

`00000001`: No journal can be acquired.

`00000002`: Commit preparation processing for the input queue or the output queue cannot be performed since an error occurred in the queue service.

`00000003`: The transaction cannot be unsecured.

`00000004`: The event cannot be validated.

`00000005`: The region managed by the MCF cannot be freed.

bb...bb: Maintenance code

cc...cc: Transaction ID (BID)

dd...dd: Requesting source system node ID

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11183-E

mmm `error was detected during rollback requested by another`
`node. detail code=`*aa...aa* `maintenance code=`*bb...bb* `transaction`
`ID=`*cc...cc* `requesting source system node ID=`*dd...dd*

mmm: MCF identifier

aa...aa: Detail code

`00000001`: No journal can be acquired.

`00000002`: The input and output queues cannot be rolled back because of a queue service error.

`00000003`: The transaction cannot be unsecured.

`00000004`: The event cannot be invalidated.

`00000005`: The region managed by the MCF cannot be freed.

bb...bb: Maintenance code

cc...cc: Transaction ID (BID)

dd...dd: Requesting source system node ID

S: Terminates abnormally.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11184-E

mmm `invalid character string has been specified for xa_open function. detail code=`*aa...aa* `specified characters=`*bb...bb* `server name=`*cc...cc*

mmm: MCF identifier

aa...aa: Detail code

> `00000001`: An invalid MCF identifier has been specified.

bb...bb: Specified characters

cc...cc: Failed server name

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Assign a valid MCF identifier to the character string for the `xa_open` function, then re-execute.

KFCA11185-E

mmm `invalid character string has been specified for xa_close function. detail code=`*aa...aa* `specified characters=`*bb...bb* `server name=`*cc...cc*

mmm: MCF identifier

aa...aa: Detail code

> `00000001`: An invalid MCF identifier has been specified.

> `00000002`: The MCF identifier assigned to the character string for the `xa_open` function differs from that assigned to the character string for the `xa_close` function.

bb...bb: Specified characters

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cc...cc: Failed server name

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Assign a valid MCF identifier to the character string for the `xa_close` function, then re-execute.

KFCA11186-W

mmm `user process is terminated abnormally because MCF service is restarting. application name=`*aa...aa* `application type=`*bb...bb*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

    user: User application

S: Terminates abnormally.

KFCA11187-W

mmm `user process is terminated abnormally because MCF service is restarting. service group name=`*aa...aa* `service name=`*bb...bb*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Service name

S: Terminates abnormally.

KFCA11188-E

mmm `error was detected in the MCF node. service group name=`*aa...aa* `service name=`*bb...bb* `reason code=`*cc...cc* `maintenance code=`*dd...dd*

mmm: MCF identifier

aa...aa: Service group name

bb...bb: Service name

cc...cc: Reason code

    `00000001`: Transaction journal acquisition cannot be started.

dd...dd: Maintenance code

S: Abnormally terminates the user process.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the message output at the MCF node and re-execute.

KFCA11189-E

mmm `invalid resource manager extension was assigned during transaction service definition. specified characters=`*aa...aa*

mmm: MCF identifier

aa...aa: Specified characters

S: Terminates the processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Assign a valid MCF manager process identifier to the `trnstring -i` option for the transaction service definition, then restart the OpenTP1 system.

KFCA11190-E

mmm `invalid resource manager extension was specified. detail code=`*aa...aa* `specified characters=`*bb...bb* `server name=`*cc...cc*

mmm: MCF identifier

aa...aa: Detail code

   `00000001`: An invalid MCF manager process identifier has been specified.

bb...bb: Specified characters

cc...cc: Failed server name

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: With the user server name displayed, correct the characters assigned to the `trnrmid -i` option of the user service definition or user service default definition. Then, re-execute.

   With no user server name displayed, correct the characters assigned to the `trnstring -i` option of the transaction service definition. Then, re-execute.

KFCA11191-E

mm MCF manager process identifier is not specified as
transaction service definition trnstring -i option. MCF manager
process identifier=*aa...aa*

mmm: MCF identifier

aa...aa: MCF manager process identifier

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify correct MCF manager process identifier as transaction
service definition trnstring -i option, and re-execute.

KFCA11192-E

mmm error was detected upon MHP termination. reason code=*aa...aa*
maintenance code=*bb...bb* application name=*cc...cc* application
type=*dd...dd* name of logical terminal used for input=*ee...ee*

mmm: MCF identifier

aa...aa: Reason code

> 00000001: The memory is running short.

> 00000002: It is impossible to gain access to the area controlled by the MCF.

> 00000003: A failure has occurred within the MCF.

bb...bb: Maintenance code

cc...cc: Application name

dd...dd: Application category

> mcf: MCF event

> user: User application

ee...ee: Input source logical terminal name

S:

> When reason code = 00000001:

>> Continues processing.

> When reason code = 00000002 or 00000003:

>> Causes an abnormal end if the user server encounters a failure; continues

processing if the system service encounters a failure.

O: Contact the OpenTP1 administrator.

Countermeasure: If an in-process condition on the logical terminal cannot be resolved, enter a logical terminal shutdown command (`mcftdctle`) to resolve the in-process condition. After this, contact the maintenance personnel.

KFCA11194-I

mmm `starts error event. event name=`*aa...aa* `reason code=`*bb...bb* `application name=`*cc...cc*

mmm: MCF identifier

aa...aa: Error event name

bb...bb: Reason code

The reason codes that may be displayed for error event 2 or error event 4 are:

`0010`: The MHP service for the application name does not exist.

`0020`: Failed to start the MHP because an RPC error occurred or the server is inactive.

`0030`: Failed to add a message to the input queue because the memory was insufficient.

`0031`: Failed to add a message to the input queue because the queue file was full.

`0032`: Failed to add a message to the input queue because the maximum number of storable input messages is reached.

`0033`: An error occurred while a message is being added to the input queue.

`0040`: The MHP application is shut down.

`0041`: The MHP application is shut down in the secure status.

`0042`: The MHP service or MHP service group is shut down.

`0043`: The MHP service group is shut down in the secure status.

`0050`: An error occurred in the MHP before passing a segment to the function for receiving an MHP segment.

The reason codes that may be displayed for error event 1 or error event 3 are:

`****`

cc...cc: Name of the application that caused an error event to occur

S: Starts an error event.

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KFCA11195-E

mmm `trn_tran_process_count specified in transaction service definition exceeds the upper limit in using the MCF service.`

mmm: MCF identifier

S: Terminates processing.

Countermeasure: To use the MCF service, make sure that the value specified in the `trn_tran_process_count` operand in the transaction service definition is within the range shown below. After correcting the value of the `trn_tran_process_count` operand, restart OpenTP1.

- For a 32-bit version: 1 to 7484

- For a 64-bit version: 1 to 6893

KFCA11196-W

mmm `a function issued by a UAP has failed. function name=`*aa....aa* `name=`*bb....bb* `detail code=`*cc....cc*

*mmm***:** MCF identifier

*aa....aa***:** Name of issued function

    `tactcn`: `dc_mcf_tactcn` function

    `tactle`: `dc_mcf_tactle` function

    `tdctcn`: `dc_mcf_tdctcn` function

    `tdctle`: `dc_mcf_tdctle` function

    `tlscn`: `dc_mcf_tlscn` function

*bb....bb***:** MCF communication process identifier, logical terminal name, or connection name

    Outputs ******** if the MCF communication process identifier, logical terminal name, or connection name is unknown.

*cc....cc***:** Detail code

    For TP1/NET/User Agent

        `13130`: Error occurred in TP1/NET/User Agent.

        `13131`: Not accepted because connection was not established.

        `13132`: Not accepted because connection is already established.

        `13133`: Not accepted because connection is being established.

13134: Not accepted because connection is being released.

13135: Not accepted because logical terminal shutdown has not been released.

13136: Not accepted because logical terminal cannot be used in combination.

13137: Not accepted because logical terminal shutdown has already been released.

13138: Not accepted because logical terminal shutdown is being released.

13139: Not accepted because logical terminal is shutting down.

13141: Not accepted because logical terminal is in process.

13142: Not accepted because notification of release of denial of reception is pending from other system.

13143: Not accepted because connection is call type.

For TP1/NET/HDLC

14012: Not accepted because connection is being established.

14013: Not accepted because connection is already established.

14014: Not accepted because connection is being released.

14015: Not accepted because connection was not established.

14016: Not accepted because automatic startup was specified for logical terminal.

14017: Not accepted because logical terminal shutdown has already been released.

14018: Not accepted because logical terminal shutdown has not been released.

For TP1/NET/X25

14012, 16833: Not accepted because connection is being established.

14013, 16832: Not accepted because connection is already established.

14014, 16834: Not accepted because connection is being released.

14015, 16831: Not accepted because connection was not established.

14016: Not accepted because automatic startup was specified for logical terminal.

14017, 16836: Not accepted because logical terminal shutdown has already been released.

`14018`, `16835`: Not accepted because logical terminal shutdown has not been released.

`16838`: Not accepted because logical terminal is in process.

`16839`: Not accepted because connection is in call mode.

For TP1/NET/OSI-TP

`13931`: Not accepted because connection was not established.

`13932`: Not accepted because connection is already established.

`13933`: Not accepted because connection is being established.

`13934`: Not accepted because connection is being released.

`13941`: Not accepted because connection is in process.

`13942`: Not accepted because connection is in call mode.

For TP1/NET/XMAP3

`13601`: An error occurred in TP1/NET/XMAP3 while logical terminal was shutting down.

`13602`: An error occurred in TP1/NET/XMAP3 while logical terminal shutdown release was in process.

`13603`: An error occurred in TP1/NET/XMAP3 during connection release processing.

`13604`: An error occurred in TP1/NET/XMAP3 while a connection was being established.

`13607`: Not accepted because logical terminal is responding to continuous inquiry.

`13608`: Not accepted because logical terminal shutdown has not been released.

`13609`: Not accepted because logical terminal shutdown has already been released.

`13610`: Not accepted because connection is being released.

`13611`: Not accepted because connection was not established.

`13612`: Not accepted because connection is already established.

`13613`: Not accepted because terminal status of logical terminal is shutdown-released.

`13614`: Not accepted because terminal status of logical terminal is shutdown-not-released.

`13615`: Not accepted because queue status of logical terminal is shutdown-released.

`13616`: Not accepted because queue status of logical terminal is shutdown-not-released.

`13619`: Not accepted because of online termination.

`13665`: Not accepted because connection was not established.

`13686`: Not accepted because normal release is not supported.

`13694`: An error occurred in TP1/NET/XMAP3 while terminal status of logical terminal was releasing-shutdown.

`13695`: An error occurred in TP1/NET/XMAP3 while terminal status of logical terminal was shutting-down.

`13696`: An error occurred in TP1/NET/XMAP3 while queue status of logical terminal was releasing-shutdown.

`13697`: An error occurred in TP1/NET/XMAP3 while queue status of logical terminal was shutting-down.

For TP1/NET/HSC

`14012`: Not accepted because connection is being established.

`14013`: Not accepted because connection is already established.

`14014`: Not accepted because connection is being released.

`14015`: Not accepted because connection was not established.

`14016`: Not accepted because automatic startup was specified for logical terminal.

`14017`: Not accepted because logical terminal shutdown has already been released.

`14018`: Not accepted because logical terminal shutdown has not been released.

`14424`: Not accepted because all lines under connection are in use.

For TP1/NET/NCSB

`15631`: Not accepted because connection was not established.

`15632`: Not accepted because connection is already established.

`15633`: Not accepted because connection is being established.

`15634`: Not accepted because connection is being released.

`15635`: Not accepted because logical terminal shutdown has not been

released.

15636: Not accepted because logical terminal shutdown has already been released.

15637: Not accepted because logical terminal is in process.

15641: Not accepted because connection is in process.

For TP1/NET/OSAS-NIF

13530: TP1/NET/OSAS-NIF is not in a state able to accept requests.

For TP1/NET/SLU-TypeP2

15330: An error occurred in TP1/NET/SLU-TypeP2.

15331: Not accepted because connection was not established.

15332: Not accepted because connection is already established.

15333: Not accepted because connection is being established.

15334: Not accepted because connection is being released.

15335: Not accepted because logical terminal shutdown has not been released.

15337: Not accepted because logical terminal shutdown has already been released.

15338: Not accepted because logical terminal is in process.

15339: Not accepted because logical terminal is shutting down.

15341: Not accepted because connection is in use.

15342: Not accepted because connection is host-started type.

For TP1/NET/TCP/IP

14818: Not accepted because connection is already established.

14819: Not accepted because connection is being established.

14820: Not accepted because connection was not established.

14821: Not accepted because logical terminal shutdown has already been released.

14822: Not accepted because logical terminal shutdown has not been released.

14825: Not accepted because logical terminal for the connection is not connected.

14829: Not accepted because connection is server type.

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    `14833`: Not accepted because logical terminal is shutting down.

    `14845`: Not accepted because connection is being released.

    `14860`: Not accepted because acceptance of request to establish server-type connection has already started.

    `14861`: Not accepted because acceptance of request to establish server-type connection has not started.

    `14862`: Not accepted because server-type connection does not exist.

For TP1/NET/X25-Extended

    `17730`: An error occurred in TP1/NET/X25-Extended.

    `17731`: Not accepted because connection was not established.

    `17732`: Not accepted because connection is already established.

    `17733`: Not accepted because connection is being established.

    `17734`: Not accepted because connection is being released.

    `17735`: Not accepted because logical terminal shutdown has not been released.

    `17736`: Not accepted because logical terminal shutdown has already been released.

    `17737`: Not accepted because logical terminal is in process.

    `17739`: Not accepted because connection is in call mode.

For TP1/NET/UDP

    `18923`: Not accepted because logical terminal shutdown has already been released.

    `18924`: Not accepted because logical terminal shutdown has not been released.

S: The function issued by the UAP returns an error.

O: Contact an OpenTP1 administrator.

Countermeasure: Carefully review the local system or the UAP.

KFCA11197-W

mmm `communication error occurred during the function issued by the UAP processing. function name=`*aa....aa* `name=`*bb....bb* `error location=`*cc....cc* `reason code=`*dd....dd* `detail code=`*ee....ee*

*mmm***:** MCF identifier

aa....aa: Name of issued function

    `adltap`: `dc_mcf_adltap` function

    `tactcn`: `dc_mcf_tactcn` function

    `tactle`: `dc_mcf_tactle` function

    `tdctcn`: `dc_mcf_tdctcn` function

    `tdctle`: `dc_mcf_tdctle` function

    `tdlqle`: `dc_mcf_tdlqle` function

    `tlscn`: `dc_mcf_tlscn` function

    `tlscom`: `dc_mcf_tlscom` function

    `tlsle`: `dc_mcf_tlsle` function

    `tlsln`: `dc_mcf_tlsln` function

    `tofln`: `dc_mcf_tofln` function

    `tonln`: `dc_mcf_tonln` function

bb....bb: MCF communication process identifier, logical terminal name, or connection name

Outputs ******** if the MCF communication process identifier, logical terminal name, or connection name is unknown.

cc....cc: Maintenance information (location of error)

dd....dd: Maintenance information (reason code)

ee....ee: Maintenance information (detail code)

S: The function issued by the UAP returns an error.

O: Contact an OpenTP1 administrator.

Countermeasure: Make sure the MCF manager process or MCF communication process is running.

If corrective action is not possible, obtain the following maintenance documentation (OpenTP1 standard output and file where standard errors are output).

In UNIX:

    `/tmp/betran.log` (default file name) in `$DCDIR/spool` directory

In Windows, if using the standard output redirect function:

    File in `%DCDIR%\spool` folder

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KFCA11198-W

mmm internal error occurred during the function issued by the
UAP processing. function name=*aa....aa* name=*bb....bb* error
location=*cc....cc* reason code=*dd....dd* detail code=*ee....ee*

*mmm***:** MCF identifier

*aa....aa***:** Name of issued function

> adltap: dc_mcf_adltap function
>
> tactcn: dc_mcf_tactcn function
>
> tactle: dc_mcf_tactle function
>
> tdctcn: dc_mcf_tdctcn function
>
> tdctle: dc_mcf_tdctle function
>
> tdlqle: dc_mcf_tdlqle function
>
> tlscn: dc_mcf_tlscn function
>
> tlscom: dc_mcf_tlscom function
>
> tlsle: dc_mcf_tlsle function
>
> tlsln: dc_mcf_tlsln function
>
> tofln: dc_mcf_tofln function
>
> tonln: dc_mcf_tonln function

*bb....bb***:** MCF communication process identifier, logical terminal name, or connection
name

> Outputs ∗∗∗∗∗∗∗∗ if the MCF communication process identifier, logical
> terminal name, or connection name is unknown.

*cc....cc***:** Maintenance information (location of error)

*dd....dd***:** Maintenance information (reason code)

*ee....ee***:** Maintenance information (detail code)

S: The function issued by the UAP returns an error.

O: Contact an OpenTP1 administrator.

Countermeasure: If corrective action is not possible, obtain the following maintenance
documentation (OpenTP1 standard output and file where standard errors are output).

> In UNIX:

> > /tmp/betran.log (default file name) in $DCDIR/spool directory

In Windows, if using the standard output redirect function:

File in `%DCDIR%\spool` folder

KFCA11210-E

mmm `internal error was detected while processing messages.`
`system function=`*aa...aa*`, reason code=`*bb...bb*`, processing name=`*cc...cc*

mmm: MCF identifier

aa...aa: Maintenance information (issued system call or C library)

bb...bb: Maintenance information (error number of the operating system or return value from the C library)

cc...cc: Maintenance information (function name of the issue source)

S: Terminates processing.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11211-E

mmm `maintenance information1=`*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance information (processing detail code)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA11220-E

mmm `internal error was detected while processing messages.`
`function name=`*aa...aa*`, reason code=`*bb...bb*`, processing name=`*cc...cc*

mmm: MCF identifier

aa...aa: Maintenance information (supplied function name)

bb...bb: Maintenance information (return code from the supplied function)

cc...cc: Maintenance information (function name of the issue source)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA11221-E

mmm `maintenance information1=`*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance information (processing detail code)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA11230-E

mmm `internal error was detected while processing messages.`
`processing name1=`*aa...aa*`, reason code=`*bb...bb*`, processing name2=`*cc...cc*

mmm: MCF identifier

aa...aa: Maintenance information (issued function name)

bb...bb: Maintenance information (return code of the issued function)

cc...cc: Maintenance information (function name of the issue source)

S: Continues processing.

O: Contact the maintenance personnel.

KFCA11231-E

mmm `maintenance information1=`*aa...aa*

mmm: MCF identifier

aa...aa: Maintenance information (processing detail code)

S: Terminates processing.

O: Contact the maintenance personnel.

KFCA11240-E

mmm `MCF shared memory is insufficient.`

mmm: MCF identifier

S: Terminates processing.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11241-E

mmm `memory in process is insufficient.`

mmm: MCF identifier

S: Terminates processing.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Allocate sufficient process memory before reexecuting the job step.

KFCA11242-E

mmm `intra-process journal buffer could not be acquired.`
`acquisition size=`*nn...nn* `maintenance information=`*aa...aa*

mmm: MCF identifier

nn...nn: Size of journal buffer to be acquired

aa...aa: Maintenance information

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Eliminate the cause of the error described in the previous message and re-execute. If the cause is unknown, contact the maintenance personnel.

KFCA11250-E

mmm `no journal can be acquired because a journal buffer is too`
`small. (error information:` *aa...aa*`,` *bb...bb*`,` *cc...cc*`)`

mmm: MCF identifier

aa...aa: Journal buffer size

bb...bb: Length of journal data to be acquired

cc...cc: Maintenance information

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the definition of the process for which you could not acquire the journal (journal buffer size in the user service definition (`mcf_jnl_buff_size`), MCF manager definition (`mcfmcomn -j`, `mcfmuap -j`), or MCF communication configuration definition (`mcftcomn -j`)).

KFCA11251-E

mmm `no journal can be acquired because the journal record data is too long. (error information: ` *aa...aa*`, ` *bb...bb*`)`

mmm: MCF identifier

aa...aa: Record data size

bb...bb: Maintenance information

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check the maximum record data length assigned to the `jnl_max_datasize` operand of the system definition (system journal definition).

KFCA11260-E

mmm `number of transaction branches that can be executed in parallel by the MCF service has exceeded the maximum. maintenance information 1=`*aa...aa* `maintenance information 2=`*bb...bb*

mmm: MCF identifier

aa...aa: Maintenance information

bb...bb: Maintenance information

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Re-execute the transaction. If this message recurs frequently, check the MCF manager common definitions and the number of other node transactions being processed in parallel (`mcfmcomn -r`).

KFCA11270-I (S)

mmm `changed message output serial number.`

mmm: MCF identifier

S: Displays the message output serial number (*KFCA11271-I*).

KFCA11271-I (S)

mmm `logical terminal name=`*aa...aa* `output serial number of priority branch=`*bb...bb* `output serial number of normal branch=`*cc...cc*

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Message output serial number of priority branch of the logical terminal

cc...cc: Message output serial number of normal branch of the logical terminal

KFCA11272-W (S)

mmm `message output serial number is specified an error. logical terminal name=`*aa...aa* `specified output serial number=`*bb...bb* `initial value=`*cc...cc* `maximum value=`*dd...dd*

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Specified message output serial number

cc...cc: Initial value of the message output serial number managed by MCF

dd...dd: Maximum value of the message output serial number managed by MCF

S: Invalidates the `mcftchgsq` command and terminates processing.

KFCA11273-W (S)

mmm `specified logical terminal is not acquired the message output serial number. logical terminal name=`*aa...aa* `specified output serial number=`*bb...bb* `initial value=`*cc...cc* `maximum value=`*dd...dd*

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Specified message output serial number

cc...cc: Initial value of the message output serial number managed by MCF

dd...dd: Maximum value of the message output serial number managed by MCF

S: Invalidates the `mcftchgsq` command and terminates processing.

KFCA11274-I (S)

mmm `indicate the message output serial number.`

mmm: MCF identifier

S: Displays the message output serial number (*KFCA11275-I*).

KFCA11275-I (S)

mmm `logical terminal name=`*aa...aa* `output serial number of priority branch=`*bb...bb* `output serial number of normal branch=`*cc...cc*

mmm: MCF identifier

aa...aa: Logical terminal name

bb...bb: Message output serial number of priority branch of the logical terminal

cc...cc: Message output serial number of normal branch of the logical terminal

KFCA11301-I (S)

`NET COMMAND ACCEPTED COMMAND=`*aa...aa*

The system accepted the indicated NET operation command.

aa...aa: Name of the operation command

KFCA11302-I (S)

`NORMAL TERMINATION COMPLETED FOR NET COMMAND COMMAND=`*aa...aa*

The system normally terminated the indicated NET operation command.

aa...aa: Name of the operation command

KFCA11311-E (S)

`INVALID NAME FOR OPERAND RC=`*aa...aa*

An option or a command argument is invalid.

aa...aa: Reason code

O: Take countermeasures according to the reason code.

Reason code	Cause of the error
-15618	The number of options or the number of command arguments is invalid.
-15619	An option or a command argument is invalid.
-15620	The port number is invalid.
-15621	The file name (path name) has more than 255 characters.

KFCA11312-E (S)

CONNECTION ERROR FUNCTION NAME1=*aa...aa* RC=*bb...bb* *cc...cc* FUNCTION NAME2=*dd...dd*

A connection error occurred.

aa...aa: Name of the function that returned the error

bb...bb: Reason code 1

cc...cc: Reason code 2 (errno)

dd...dd: Name of the function that issued the function that returned the error

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11313-E (S)

NET COMMAND ABNORMALLY END RC=*aa...aa* *bb...bb* FUNCTION NAME=*cc...cc*

An NET operation command abnormally terminated.

aa...aa: Reason code 1

bb...bb: Reason code 2

cc...cc: Name of the function where the error occurred

O: Take countermeasures according to the reason codes shown below. If the indicated reason codes are not shown below, contact the OpenTP1 administrator.

Reason code 1	Reason code 2	Cause
-15625	-16521	The path name is invalid. For example, the path name includes a non-existing directory or does not have a file name.

Countermeasure: Contact the maintenance personnel.

KFCA11314-E (S)

CAN'T ACCEPT NET COMMAND DURING INITIATION PROCESS RC=*aa...aa* *bb...bb* FUNCTION NAME=*cc...cc*

The system cannot accept the NET operation command because the system is activating a communication process.

aa...aa: Reason code 1 (Maintenance information)

bb...bb: Reason code 2 (Maintenance information)

cc...cc: Name of the function (Maintenance information)

O: Wait until the communication process is activated and then re-execute the operation command.

KFCA11315-E (S)

CAN'T ACCEPT NET COMMAND DURING STOPPING PROCESS RC=*aa...aa bb...bb* FUNCTION NAME=*cc...cc*

The system cannot accept the NET operation command because the system is terminating the communication process.

aa...aa: Reason code 1 (Maintenance information)

bb...bb: Reason code 2 (Maintenance information)

cc...cc: Name of the function (Maintenance information)

KFCA11316-E (S)

CODE1=*aa...aa* CODE2=*bb...bb* CODE3=*cc...cc*

aa...aa: Operation command name

bb...bb: Port number

cc...cc: Path name

KFCA11321-E

mmm error occurred during preparation for NET acceptance thread. system function name=*aa...aa*, reason code=*bb...bb cc...cc*, process name=*dd...dd*

mmm: NET identifier

aa...aa: Maintenance information (system call or C library)

bb...bb: Maintenance information (return value from the issuer function)

cc...cc: Maintenance information (error number)

dd...dd: Maintenance information (issuer function name)

S: Continues processing, accepting the NET operation command in the fallback mode.

O: When bind is displayed in *aa...aa* and 226 is displayed in *cc...cc* the cause and countermeasure of the error is either of the following. If neither of them does not apply, contact the maintenance personnel.

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Cause of the error	Countermeasure
TP1/NET/Library was restarted before the TCP IP monitoring time (30 sec.) expires.	Wait until the TCP IP monitoring time (30 sec.) expires, then restart TP1/NET/Library.
The port number has already been used.	Change the specification of the `nettcomn -p port-number` definition command. Or change the value specified as the port number of the definition command mqttenv -p.

KFCA11322-E

mmm error occurred while processing NET acceptance thread. `system function name=`*aa...aa*`, reason code=`*bb...bb cc...cc*`, process name=`*dd...dd*

mmm: NET identifier

aa...aa: Maintenance information (system call or C library)

bb...bb: Maintenance information (return value from the issuer function)

cc...cc: Maintenance information (error number)

dd...dd: Maintenance information (issuer function name)

S: Continues processing, accepting the NET operation command in the fallback mode.

O: Contact the maintenance personnel.

KFCA11323-E

mmm error occurred while processing NET acceptance thread. `function name=`*aa...aa*`, reason code=`*bb...bb cc...cc*`, process name=`*dd...dd*

mmm: NET identifier

aa...aa: Maintenance information (name of the provided function)

bb...bb: Maintenance information (return value from the issuer function)

cc...cc: Maintenance information (return value from the provided function)

dd...dd: Maintenance information (issuer function name)

S: Continues processing, accepting the NET operation command in the fallback mode.

O: Contact the maintenance personnel.

KFCA11324-E

mmm maintenance information 1=*aa...aa*, maintenance information 2=*bb...bb*, maintenance information 3=*cc...cc*

mmm: NET identifier

aa...aa: Maintenance information (necessary for checking other errors)

bb...bb: Maintenance information (necessary for checking other errors)

cc...cc: Maintenance information (necessary for checking other errors)

S: Continues processing, accepting the NET operation command in the fallback mode.

O: Contact the maintenance personnel.

KFCA11325-E

mmm error occurred while processing NET command processing thread. function name=*aa...aa*, reason code=*bb...bb cc...cc*, process name=*dd...dd*

mmm: NET identifier

aa...aa: Maintenance information (name of the provided function)

bb...bb: Maintenance information (return value from the issuer function)

cc...cc: Maintenance information (return value from the provided function)

dd...dd: Maintenance information (issuer function name)

S: Continues processing, accepting the NET operation command in the fallback mode.

O: Contact the maintenance personnel.

KFCA11326-E (S)

NO SUCH PROCESS. PID=*aa...aa*

The process that has the specified process number does not exist.

aa...aa: Process number

S: Abandons processing of the command for the specified process.

O: Specify a correct process number and then re-execute the command.

KFCA11327-E (S)

```
NETTKILL COMMAND SPECIFIES INVALID ARGUMENT. USAGE:nettkill
[-f|-df]pid[pid...]
```

The argument of the command is invalid.

S: Terminates the command.

O: Specify correct options in the command and then re-execute the command.

KFCA11328-E (S)

```
INTERNAL PROCESSING FUNCTION ERROR. FUNCTION NAME=aa...aa
DETAIL CODE=bb...bb
```

An error occurred in the indicated internal function.

aa...aa: Name of the function where an error occurred

bb...bb: Reason code

S: Abandons the command execution (if this message is output by the nettkill command). After outputting this message, the system does not accept the nettkill command (if this message is output by a communication application).

O: Contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11401-E

```
"malloc(aa...aa)" failed. pid=bb...bb. type=0Xcc...cc
```

The process-specific area cannot be secured because the malloc C standard function returned by an error.

aa...aa: Size specified in the malloc function issued inside TP1/NET/Library

bb...bb: ID of the process that issued the malloc function

cc...cc: Type code (identification information set for each TP1/NET/Library component)

S: When the system operation can be continued, continues processing. Otherwise, terminates abnormally.

O: Record the contents of the message, then contact the OpenTP1 administrator.

Countermeasure: Reduce the program consumption size in the process-specific area or increase the system resource (swap area). Then, re-execute processing.

KFCA11402-E

"*aa...aa*(*bb...bb*)" failed. errno=*cc...cc*:*dd...dd*

An error occurred on a system call issued inside TP1/NET/Library.

aa...aa: System call name (up to 15 alphanumeric characters)

bb...bb: Name of the module or function that issued the system call (up to 63 alphanumeric characters)

cc...cc: Value of errno at the system call error (up to three decimal numbers)

dd...dd: Internal function name or module name

  (up to 63 half-size alphanumeric characters)

S: Takes one of the following actions, according to the degree of severity.

- Cancels processing and terminates the process abnormally.

- Cancels processing and returns control to the issuer of the current service.

- Continues processing.

O: Contact the maintenance personnel.

  When the dump is output to the core file, save it and contact the maintenance personnel.

KFCA11403-E

aa...aa(pid=*bb...bb*) killed by *cc...cc*.

The server process will terminate abnormally.

aa...aa: Name of the server to terminate abnormally

bb...bb: ID of the server process to terminate abnormally

cc...cc: Component error code

  Component ID (one alphabetic character) plus six-digit serial number in the component

S: Cancels processing and terminates the process abnormally.

O: Record the contents of the message. When the dump is output to the core file, save it and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11500-E (E)

ff...ff `file specified in` *oo...oo* `option of definition command` *cc...cc* `cannot be bound.`

cc...cc: Definition command name where the error occurred

oo...oo: Option name where the error occurred

ff...ff: File name

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the file name and retry processing. In addition, make sure that the version of TP1/NET/Library is the correct version for the protocol product you are using.

KFCA11501-I (S)

`definition object binding utility processing has started.`

The definition object binding utility starts.

S: When environment variable LANG is assigned no value or when the specified value is invalid, messages are displayed in English.

KFCA11502-I (S)

`system has terminated since definition error was detected in definition object binding utility processing.`

KFCA11503-I (S)

`definition object binding utility processing has terminated abnormally.`

KFCA11504-I (S)

`definition object binding utility processing has terminated normally. input object file name common definition=`*ii...ii*1`,` *dd...dd* `definition=`*ii...ii*2`, definition object file name=`*oo...oo*

*ii...ii*1: Input object file name

*ii...ii*2: Input object file name

dd...dd: Definition type

oo...oo: Definition object file name

S: Terminates definition object binding utility processing.

> When environment variable LANG is assigned no value or when the specified value is invalid, messages are displayed in English.

KFCA11505-E (S)

```
combination of values specified in oo...oo1 option and oo...oo2
option of definition command cc...cc1 is the same as the
combination specified in definition command cc...cc2. line=ll...ll
```

*cc...cc*1: Definition command name where the error occurred

*oo...oo*1: Option name where the error occurred

*oo...oo*2: Option name where the error occurred

*cc...cc*2: Definition command name related to the error

ll...ll: Line number of the definition command where the error occurred

S: Ignores this option and continues processing.

KFCA11506-E (E)

```
definition error exists in definition command cc...cc2 specified
by oo...oo1 option of definition command cc...cc1. line=ll...ll
```

*cc...cc*1: Definition command name related to the error

*oo...oo*1: Option name related to the error

*cc...cc*2: Definition command name where the error occurred

ll...ll: Line number of the definition command related to the error

S: Ignores this option and continues processing.

KFCA11507-E (E)

```
when value vv...vv1 is specified to pp...pp1 operand of oo...oo1 option
of definition command cc...cc1, oo...oo2 option of cc...cc2 command
related to the definition command cannot be specified. line=ll...ll
```

*cc...cc*1: Definition command name related to the error

*oo...oo*1: Option name related to the error

*pp...pp*1: Operand name related to the error

*vv...vv*1: Specified value related to the error

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*cc...cc*2: Definition command name where the error occurred

*oo...oo*2: Option name where the error occurred

ll...ll: Line number of the definition command where the error occurred

S: Ignores this option and continues processing.

KFCA11508-E (E)

```
two or more (cc...cc2) commands following the (cc...cc1) command
cannot be assigned values (vv...vv1) for the (pp...pp1) operand of
the (oo...oo1) option. line number=ll...ll
```

*cc...cc*1: Name of command for which the error occurred

*oo...oo*1: Name of the invalid option

*pp...pp*1: Name of the invalid operand

*vv...vv*1: Specified invalid value

*cc...cc*2: Name of the invalid command

ll...ll: Number of the line containing the invalid definition command

S: Ignores this option and continues processing.

KFCA11509-E (E)

```
when a set of the value assigned to the (oo...oo1) option of
definition command (cc...cc1) and the value assigned to the (oo...oo2)
option is equal to the set of values specified using another
definition command (cc...cc2), the (pp...pp1) operand for the (oo...oo3)
option of the related definition command must also be assigned
the same set of values.
line number=ll...ll
```

*cc...cc*1: Name of the invalid definition command

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*oo...oo*3: Name of the invalid option

*pp...pp*1: Name of the invalid operand

ll...ll: Number of the line containing the invalid definition command

S: Ignores this operand and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand, then re-execute.

KFCA11510-E (E)

```
mmm the (pp...pp1) operand for the (oo...oo1) option of definition
command (cc...cc1) is not specified in the correct sequence. line
number=ll...ll
```

mmm: MCF identifier or blank

*cc...cc*1: Name of the invalid definition command

*oo...oo*1: Name of the invalid option

*pp...pp*1: Name of the invalid operand

ll...ll: Number of the line containing the invalid definition command

S: Ignores this operand and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand, then re-execute.

KFCA11511-E (E)

```
when the value (vv...vv1) is assigned to the (pp...pp1) operand for
the (oo...oo1) option of the definition command (cc...cc1), the
(pp...pp2) operand for the (oo...oo3) option of the (cc...cc1) command
pointed to by the (oo...oo2) option is assigned a value that is not
within the appropriate range.
line number=ll...ll
```

*cc...cc*1: Name of invalid definition command

*oo...oo*1: Name of the option for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*oo...oo*3: Name of the option for which the error occurred

*pp...pp*1: Name of the operand for which the error occurred

*pp...pp*2: Name of the operand for which the error occurred

*vv...vv*1: Specified value for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Ignores this operand and continues processing.

O: Contact the OpenTP1 administrator.

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Countermeasure: Correct this operand, then re-execute.

KFCA11512-E (E)

```
definition command (cc...cc) must be assigned the (oo...oo1) or
(oo...oo2) option. line number=ll...ll
```

cc...cc: Name of invalid definition command

*oo...oo*1: Name 1 of the option for which the error occurred

*oo...oo*2: Name 2 of the option for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Ignores this option and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this definition command, then re-execute.

KFCA11513-E (E)

```
when the (vv...vv1) value is assigned to the (pp...pp1) operand for
the (oo...oo1) option of the definition command (cc...cc1), the value
of (vv...vv2) cannot be assigned to the (pp...pp2) operand of the
(oo...oo2) option of the definition command (cc...cc2). line
number=ll...ll
```

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*pp...pp*1: Name of the operand for which the error occurred

*vv...vv*1: Value on which the restriction is based

*cc...cc*2: Name of the invalid definition command

*oo...oo*2: Name of the invalid option

*pp...pp*2: Name of the invalid operand

*vv...vv*2: Value which cannot be assigned

ll...ll: Number of the line containing the invalid definition command

S: Ignores this operand and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand, then re-execute.

KFCA11514-E (E)

```
mmm when a value of (vv...vv) is assigned to the (pp...pp1) operand
for the (oo...oo1) option of definition command (cc...cc1),
definition command (cc...cc2) requires specification of the
(oo...oo2) option.
line number=ll...ll
```

mmm: MCF identifier or blank

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*pp...pp*1: Name of the operand for which the error occurred

vv...vv: Value on which the restriction is based

*cc...cc*2: Name of the invalid definition command

*oo...oo*2: Name of the invalid option

ll...ll: Number of the line containing the invalid definition command

S: Ignores this operand and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand, then re-execute.

KFCA11515-E (E)

```
the (pp...pp1) operand for the (oo...oo1) option of definition
command (cc...cc1) can be assigned only the value specified for the
(oo...oo3) option of definition command (cc...cc2) which assigns the
value of (vv...vv) to the (pp...pp2) operand for the (oo...oo2) option.
line number=ll...ll
```

*cc...cc*1: Name of the invalid definition command

*oo...oo*1: Name of the invalid option

*pp...pp*1: Name of the invalid operand

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*oo...oo*3: Name of the option for which the error occurred

*pp...pp*2: Name of the operand for which the error occurred

vv...vv: Value on which the restriction is based

ll...ll: Number of the line containing the invalid definition command

S: Ignores this operand and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand, then re-execute.

KFCA11516-E (E)

```
when definition command (cc...cc1) is assigned the (oo...oo) option,
definition command (cc...cc2) cannot be specified. line number=ll...ll
```

*cc...cc*1: Name of the definition command for which the error occurred

oo...oo: Name of the option for which the error occurred

*cc...cc*2: Name of the invalid definition command

ll...ll: Number of the line containing the invalid definition command

S: Ignores this definition command and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Delete the definition command, then re-execute processing.

KFCA11517-E (E)

```
when the (oo...oo1) option is specified for the definition command
(cc...cc1), the (oo...oo2) option of the definition command (cc...cc2)
cannot be assigned the value of (vv...vv2).
line number=ll...ll
```

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*cc...cc*2: Name of the invalid definition command

*oo...oo*2: Name of the invalid option

*vv...vv*2: Value that cannot be assigned

ll...ll: Number of the line containing the invalid definition command

S: Ignores this definition command and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option, then re-execute.

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KFCA11518-E (E)

```
when the (oo...oo1) option is specified for definition command
(cc...cc1), a value of (vv...vv22) cannot be assigned to the (pp...pp2)
operand of the (oo...oo2) option of the definition command (cc...cc2).
line number=ll...ll
```

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*cc...cc*2: Name of the invalid definition command

*oo...oo*2: Name of the invalid option

*pp...pp*2: Name of the invalid operand

*vv...vv*2: Value that cannot be assigned

ll...ll: Number of the line containing the invalid definition command

S: Ignores this definition command and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand, then re-execute.

KFCA11519-E (E)

```
mmm when the (pp...pp1) operand is specified for the (oo...oo1)
option of the definition command (cc...cc1), the (oo...oo2) option of
the definition command (cc...cc2) requires the (pp...pp2) operand.
line number=ll...ll
```

mmm: MCF identifier or blank

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*pp...pp*1: Name of the operand for which the error occurred

*cc...cc*2: Name of the invalid definition command

*oo...oo*2: Name of the invalid option

*pp...pp*2: Name of the invalid operand

ll...ll: Number of the line containing the invalid definition command

S: Ignores this operand and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand, then re-execute.

KFCA11520-E (E)

mmm when the (*pp...pp*1) operand is not specified for the (*oo...oo*1) option of the definition command (*cc...cc*1), the (*oo...oo*2) option of the definition command (*cc...cc*2) cannot be assigned the (*pp...pp*2) operand. line number=*ll...ll*

mmm: MCF identifier or blank

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*pp...pp*1: Name of the operand for which the error occurred

*cc...cc*2: Name of the invalid definition command

*oo...oo*2: Name of the invalid option

*pp...pp*2: Name of the invalid operand

ll...ll: Number of the line containing the invalid definition command

S: Ignores this operand and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand, then re-execute.

KFCA11521-E (E)

when the (*pp...pp*1) operand is not specified for the (*oo...oo*1) option of definition command (*cc...cc*1), definition command (*cc...cc*2) requires the (*pp...pp*2) operand for the (*oo...oo*2) option. line number=*ll...ll*

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*pp...pp*1: Name of the operand for which the error occurred

*cc...cc*2: Name of the invalid definition command

*oo...oo*2: Name of the invalid option

*pp...pp*2: Name of the invalid operand

ll...ll: Number of the line containing the invalid definition command

S: Ignores this operand, and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this operand, then re-execute.

KFCA11522-E (E)

mmm number of operands for the (*oo...oo*) option of definition command (*cc...cc*) exceeds the maximum number (*vv...vv*) permitted for the system. line number=*ll...ll*

mmm: MCF identifier or blank

cc...cc: Name of the definition command for which the error occurred

oo...oo: Name of the option for which the error occurred

vv...vv: Maximum value

ll...ll: Number of the line containing the invalid definition command

S: Ignores this option and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option, then re-execute.

KFCA11523-E (E)

the number of (*oo...oo*) options specified for definition command (*cc...cc*) exceeds the maximum. line number=*ll...ll*

cc...cc: Name of the definition command for which the error occurred

oo...oo: Name of the option for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Ignores this option and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option, then re-execute.

KFCA11524-E (E)

the value of (*vv...vv*) assigned to the (*oo...oo*) option of definition command (*cc...cc*) is the same as another value specified for the option. line number=*ll...ll*

cc...cc: Name of the definition command for which the error occurred

oo...oo: Name of the option for which the error occurred

vv...vv: Specified duplicate value

ll...ll: Number of the line containing the invalid definition command

S: Ignores this option and continues processing.

825

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option, then re-execute.

KFCA11525-E (E)

```
when the value specified for the T selector of the (oo...oo1)
option in definition command (cc...cc1) is equal to the value
specified for the T selector of the (oo...oo2) option in the
definition command (cc...cc2), the (pp...pp3) operand for the (oo...oo3)
option of the definition command must be assigned the same value.
line number=ll...ll
```

*cc...cc*1: Name of a definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*oo...oo*3: Name of the invalid option

*pp...pp*3: Name of the invalid operand

ll...ll: Number of the line containing the invalid definition command

S: Ignores this option and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option, then re-execute.

KFCA11526-E (E)

```
when the set of values assigned to the T selector for the (oo...oo1)
option of the definition command (cc...cc1) and to the T selector
for the (oo...oo2) option is equal to a set of values using another
definition command (cc...cc2), the (oo...oo3) option of the
definition command must be assigned the same set of values. line
number=ll...ll
```

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*cc...cc*2: Name of a definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*oo...oo*3: Name of the invalid option

ll...ll: Number of the line containing the invalid definition command

S: Ignores this option and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option, then re-execute.

KFCA11527-E (E)

```
the value of (vv...vv) assigned to the (pp...pp1) operand for the
(oo...oo) option of definition command (cc...cc) is equal to the value
assigned to the (pp...pp2) operand in the option. line number=ll...ll
```

cc...cc: Name of the invalid definition command

oo...oo: Name of the invalid option

*pp...pp*1: Name of the invalid operand

*pp...pp*2: Name of the operand for which the error occurred

vv...vv: Specified invalid value

ll...ll: Number of the line containing the invalid definition command

S: Ignores this option and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option, then re-execute.

KFCA11528-E (E)

```
definition command (cc...cc2) does not support the value of (vv...vv),
assigned to the (pp...pp) operand in the (oo...oo) option of the
definition command (cc...cc1). line number=ll...ll
```

*cc...cc*1: Name of the invalid definition command

oo...oo: Name of the invalid option

pp...pp: Name of the invalid operand

vv...vv: Specified invalid value

*cc...cc*2: Name of the definition command for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Ignores this option and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct this option, then re-execute.

KFCA11529-E (E)

definition command (*cc...cc*) is assigned an illegal argument value of (*vv...vv*). line number=*ll...ll*

cc...cc: Name of the invalid definition command

vv...vv: Invalid argument value

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify a valid argument, then re-execute.

KFCA11530-E (E)

definition command (*cc...cc*) must be assigned an argument. line number=*ll...ll*

cc...cc: Name of invalid definition command

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify a valid argument, then re-execute.

KFCA11531-E (E)

definition command (*cc...cc*) is double assigned argument (*vv...vv*). line number=*ll...ll*

cc...cc: Name of the invalid definition command

vv...vv: Invalid argument value

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify a valid argument, then re-execute.

KFCA11532-E (E)

definition source file (*ff...ff*) contains invalid data.

ff...ff: Name of the invalid definition source file

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition source file, then re-execute.

KFCA11533-E (E)

```
definition command (cc...cc) cannot be omitted. line number=ll...ll
```

cc...cc: Name of the invalid definition command

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify the definition command, then re-execute.

KFCA11534-E (E)

```
more than one (oo...oo) option is specified in definition command
(cc...cc). line number=ll...ll
```

cc...cc: Name of the invalid definition command

oo...oo: Name of the invalid option

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the option, then re-execute.

KFCA11535-E (E)

```
option (oo...oo) of definition command (cc...cc) is assigned more than
one (pp...pp) operand. line number=ll...ll
```

cc...cc: Name of the invalid definition command

oo...oo: Name of the invalid option

pp...pp: Name of the invalid operand

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operand, then re-execute.

KFCA11536-E (E)

```
the number of objects created using definition command (cc...cc)
exceeds the maximum. line number=ll...ll
```

cc...cc: Name of the invalid definition command

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Modify the number of objects created, then re-execute.

KFCA11537-E (E)

```
when definition command (cc...cc1) is specified, definition command
(cc...cc2) requires the (oo...oo2) option. line number=ll...ll
```

*cc...cc*1: Name of the definition command for which the error occurred

*cc...cc*2: Name of the invalid definition command

*oo...oo*2: Name of the invalid option

ll...ll: Number of the line containing the invalid definition command

S: Terminates the processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify the -r option or delete the `mcfmrclnt` definition command, then re-execute.

KFCA11538-E (E)

```
when the value of (vv...vv1) assigned to the (pp...pp1) operand for
the (oo...oo1) option of definition command (cc...cc1) is equal to
the value specified using another definition command (cc...cc1),
the (pp...pp2) operand for the (oo...oo2) option of definition
command (cc...cc2) must be assigned the same value. line number=ll...ll
```

*cc...cc*1: Name of the definition command for which the error occurred

*cc...cc*2: Name of the invalid definition command

*oo...oo*1: Name of the option for which the error occurred

*oo...oo*2: Name of the invalid option

*pp...pp*1: Name of the operand for which the error occurred

*pp...pp*2: Name of the invalid operand

*vv...vv*1: Specified value for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Terminates the processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the invalid value assigned to the operand, then re-execute.

KFCA11539-W (E)

```
definition object file name (oo...oo) is double specified in
definition source file (ff...ff). line number=ll...ll
```

ff...ff: Name of the definition source file in which the definition object file name is double specified

oo...oo: Specified definition object file name

ll...ll: Number of the line containing the specified definition object file name

S: Ignores all definition commands related to the definition object file. Does not create the definition object file.

KFCA11540-I (S)

```
definition object file (oo...oo) has been created.
```

oo...oo: Name of the created definition object file

S: When environment variable LANG is assigned no value, or when the assigned value is invalid, the message is displayed in English.

KFCA11541-I (S)

```
definition object creation utility has been terminated normally.
definition type=nn...nn definition source file=ss...ss
```

nn...nn: Definition type (Definition of list of send/receive destination terminal IDs)

ss...ss: Definition source file name

S: With environment variable LANG is assigned no value or when the assigned value is invalid, the message is displayed in English.

831

KFCA11542-W (E)

```
The following language(s) are not available: LANG=nn...nn
continuing processing using the language "C".
```

nn...nn: Value assigned to environment variable (LANG)

S: Continues processing.

O: When using a language other than English, contact the OpenTP1 administrator.

Countermeasure: Assign environment variable (`LANG`) a language type, then re-execute.

> Japanese: `ja_JP.SJIS`

> English: `C`

KFCA11543-E (E)

```
when vv...vv is specified by operand pp...pp1 of option oo...oo1 in
definition command cc...cc1, either or both of operands pp...pp2 and
pp...pp3 must be specified by option oo...oo2 in definition command
cc...cc2. line number=ll...ll
```

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*pp...pp*1: Name of the operand for which the error occurred

vv...vv: Specification value for which the error occurred

*cc...cc*2: Name of the definition command related to the error

*oo...oo*2: Name of the option for which the error occurred

*pp...pp*2: Name of the operand for which the error occurred

*pp...pp*3: Name of the operand for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify the *pp...pp*2 or *pp...pp*3 operand of the *oo...oo*2 option in the command for which the error occurred, then re-execute processing. Or, change the value *vv...vv* specified by the *pp...pp*1 operand, then re-execute processing.

KFCA11544-E (E)

when *vv...vv* is specified by option *oo...oo*1 in definition command *cc...cc*1, option *oo...oo*2 in definition command *cc...cc*2 cannot be specified together with operand *pp...pp* in option *oo...oo*3. line number=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Specification value related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*oo...oo*3: Name of the option for which the error occurred

pp...pp: Name of the operand for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition commands, then re-execute processing.

KFCA11545-E (E)

when *vv...vv* is specified by option *oo...oo*1 in definition command *cc...cc*1, operand *pp...pp* must be specified by option *oo...oo*2 in definition command *cc...cc*2. line number=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Specification value related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

pp...pp: Name of the operand for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition commands, then re-execute processing.

KFCA11546-E (E)

> when *vv...vv* is specified by option *oo...oo*1 in definition command *cc...cc*1, option *oo...oo*2 in definition command *cc...cc*2 cannot be omitted together with operand *pp...pp* in option *oo...oo*3. line number=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Specification value related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*oo...oo*3: Name of the option for which the error occurred

pp...pp: Name of the operand for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition commands, then re-execute processing.

KFCA11547-E (E)

> when *vv...vv* is specified by option *oo...oo*1 in definition command *cc...cc*1 and combination of operands *pp...pp*1 and *pp...pp*2 of option *oo...oo*2 match the combination specified in definition command *cc...cc*2, specification values of *oo...oo*3 options in both definition commands must also match. line number=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Specification value related to the error

*oo...oo*2: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*pp...pp*2: Name of the operand related to the error

*cc...cc*2: Name of the definition command related to the error

*oo...oo*3: Name of the option for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the options, then re-execute processing.

KFCA11548-E (E)

```
when vv...vv is specified by option oo...oo1 in definition command
cc...cc1, buffer size for buffer group number specified by operand
pp...pp in option oo...oo2 must match that in definition command
cc...cc2. line number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Specification value related to the error

*oo...oo*2: Name of the option for which the error occurred

pp...pp: Name of the operand for which the error occurred

*cc...cc*2: Name of the definition command related to the error

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, then re-execute processing.

KFCA11549-E (E)

```
when vv...vv is specified by operand pp...pp1 of option oo...oo1 in
definition command cc...cc1, operand pp...pp2 of option oo...oo2 in
subordinate command cc...cc2 cannot be specified. line number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

vv...vv: Specification value related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*pp...pp*2: Name of the operand for which the error occurred

ll...ll: Number of the line containing the invalid definition command

835

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, then re-execute processing.

KFCA11550-E (E)

```
value of option oo...oo in both definition command cc...cc2, which is
subordinate to definition command cc...cc1, and sibling definition
command cc...cc3 must match. line number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*cc...cc*2: Name of the definition command for which the error occurred

oo...oo: Name of the option for which the error occurred

*cc...cc*3: Name of the definition command related to the error

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the options, then re-execute processing.

KFCA11551-E (E)

```
value of operand pp...pp of option oo...oo in definition command
cc...cc2, which is subordinate to definition command cc...cc1, must
match that in sibling definition command cc...cc3. line number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*cc...cc*2: Name of the definition command for which the error occurred

oo...oo: Name of the option for which the error occurred

pp...pp: Name of the operand for which the error occurred

*cc...cc*3: Name of the definition command related to the error

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operand, then re-execute processing.

KFCA11552-E (E)

```
values of options oo...oo1 and oo...oo2 in definition command cc...cc1
must match those in subordinate command cc...cc2. line number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the options, then re-execute processing.

KFCA11553-E (E)

```
combination of values of option oo...oo1 in definition command
cc...cc1 and option oo...oo2 in definition command cc...cc2 (or option
oo...oo3 in definition command cc...cc3) is same as combination of
values specified in definition command cc...cc4. line number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option for which the error occurred

*cc...cc*2: Name of the definition command related to the error

*oo...oo*2: Name of the option for which the error occurred

*cc...cc*3: Name of the definition command for which the error occurred

*oo...oo*3: Name of the option for which the error occurred

*cc...cc*4: Name of the definition command related to the error

ll...ll: Number of the line containing the invalid definition command

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the options, then re-execute processing.

KFCA11556-E (E)

aa...aa option of *bb...bb* definition command must be the same value *cc...cc* as *dd...dd* option of another *ee...ee* definition command. line=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

vv...vv: Specified value for which the error occurred

*cc...cc*2: Name of the definition command related to the error

*oo...oo*2: Name of the option related to the error

ll...ll: Line number of the definition command related to the error

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the options, then re-execute processing.

KFCA11557-E

the number of (*cc....cc1*) difinition commands specified in (*cc....cc2*) definition command exceeds the maximum. line number=*aa....aa*,reason=*bb....bb*

cc....cc1: Name of the definition command for which the error occurred

cc....cc2: Name of the definition command related to the error

aa....aa: Line number

bb....bb: Reason code

S: Analysis of the definition information that generated the error stops.

O: Take the corrective action according to the reason code, and then re-execute the command.

Reason code	Reason for error	Countermeasure
1	Two or more MCF communication configuration definitions (`mcftalcle`) are defined in the connection definition for the print service.	Correct the `type` operand in the MCF communication configuration definition (`mcftalccn -S`), or delete the `mcftalcle` definition command under the MCF communication configuration definition (`mcftalccn`).

KFCA11559-E (E)

```
the value specified in the (pp...pp1) operand of the (oo...oo1)
option of the definition command (cc...cc1) exceeds the value
specified in the (pp...pp2) operand of the (oo...oo2) option of the
corresponding definition command (cc...cc2). line number=ll...ll
```

*cc...cc*1: Definition command name involving the error

*oo...oo*1: Option name involving the error

*pp...pp*1: Operand name involving the error

*cc...cc*2: Definition command name relating to the error

*oo...oo*2: Option name relating to the error

*pp...pp*2: Operand name relating to the error

ll...ll: Definition command line number involving the error

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, and then re-execute processing.

KFCA11560-E (E)

```
if the value specified in the (pp...pp1) operand of the (oo...oo1)
option of the definition command (cc...cc1) is (vv...vv1), there must
be the corresponding definition command (cc...cc2) that specifies
vv...vv2 in the (pp...pp2) operand of the (oo...oo2) option. line
number=ll...ll
```

*cc...cc*1: Definition command name relating to the error

*oo...oo*1: Option name relating to the error

*pp...pp*1: Operand name relating to the error

*vv...vv*1: Specified value relating to the error

*cc...cc*2: Definition command name relating to the error

*oo...oo*2: Option name relating to the error

*pp...pp*2: Operand name relating to the error

*vv...vv*2: Specified value relating to the error

ll...ll: Definition command line number involving the error

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Specify the definition command, then re-execute processing.

KFCA11561-E (E)

```
more than one corresponding definition command (cc...cc2) that
specifies (vv...vv2) in the (pp...pp2) operand of the (oo...oo2) option
when the value specified in the (pp...pp1) operand of the (oo...oo1)
option of the definition command (cc...cc1) is (vv...vv1).
line number=ll...ll
```

*cc...cc*1: Definition command name relating to the error

*oo...oo*1: Option name relating to the error

*pp...pp*1: Operand name relating to the error

*vv...vv*1: Specified value relating to the error

*cc...cc*2: Definition command name relating to the error

*oo...oo*2: Option name relating to the error

*pp...pp*2: Operand name relating to the error

*vv...vv*2: Specified value relating to the error

ll...ll: Definition command line number involving the error

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition commands, then re-execute processing.

KFCA11562-E (E)

```
the value specified in the (pp...pp1) operand of the (oo...oo1)
option of the definition command (cc...cc1) must exceed the value
specified in the (pp...pp2) operand of the (oo...oo2) option of the
definition command (cc...cc2). line number=ll...ll
```

*cc...cc*1: Definition command name involving the error

*oo...oo*1: Option name involving the error

*pp...pp*1: Operand name involving the error

*cc...cc*2: Definition command name relating to the error

*oo...oo*2: Option name relating to the error

*pp...pp*2: Operand name relating to the error

ll...ll: Definition command line number involving the error

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, and then re-execute processing.

KFCA11563-E (E)

when the (*oo...oo*1) option of the definition command (*cc...cc*1)
specifies (*vv...vv*1), (*vv...vv*2) cannot be specified in the (*pp...pp*2)
operand of the (*oo...oo*2) option of the definition command (*cc...cc*2).
line number=*ll...ll*

*cc...cc*1: Definition command name relating to the error

*oo...oo*1: Option name relating to the error

*vv...vv*1: Specified value relating to the error

*cc...cc*2: Definition command name involving the error

*oo...oo*2: Option name involving the error

*pp...pp*2: Operand name involving the error

*vv...vv*2: Specified value involving the error

ll...ll: Definition command line number involving the error

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, and then re-execute processing.

KFCA11564-E (E)

(*pp...pp*1) operand of (*oo...oo*1) option in (*cc...cc*1) definition command
must be the same value as (*pp...pp*2) operand of (*oo...oo*2) option in
(*cc...cc*2) definition command. line=*ll...ll*

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*pp...pp*1: Name of the operand for which the error occurred

*cc...cc*2: Name of the definition command related to the error

*oo...oo*2: Name of the option related to the error

*pp...pp*2: Name of the operand related to the error

841

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, and then re-execute processing.

KFCA11565-E (E)

```
when the (pp...pp1) operand is specified for the (oo...oo1) option
of the definition command (cc...cc1), a value of (vv...vv1) cannot be
assigned to the (pp...pp2) operand of the (oo...oo2) option of the
definition command (cc...cc2). line number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*pp...pp*2: Name of the operand for which the error occurred

*vv...vv*1: Invalid specified value

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, and then re-execute processing.

KFCA11566-E (E)

```
value of (oo...oo1) option in (cc...cc1) definition command is not
ascending and serial number starting from 00 under the previous
definition command (cc...cc2). line=ll...ll
```

*cc...cc*1: Name of the definition command for which the error occurred

*oo...oo*1: Name of the option for which the error occurred

*cc...cc*2: Name of the definition command related to the error

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the options, and then re-execute processing.

KFCA11567-E (E)

```
when the value (vv...vv1) of (oo...oo1) option of (cc...cc1) definition
command, the associated definition command (cc...cc2) must exist
with the value (vv...vv2) of (oo...oo2) option. line=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*vv...vv*1: Specified value related to the error

*cc...cc*2: Name of the definition command related to the error

*oo...oo*2: Name of the option related to the error

*vv...vv*2: Specified value related to the error

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the commands, then re-execute processing.

KFCA11568-E (E)

```
when the (vv...vv1) value is assigned to the (pp...pp1) operand and
the (pp...pp2) operand of the (oo...oo1) option of the definition
command (cc...cc1),the value of (vv...vv2) cannot be assigned to the
(pp...pp3) operand of the (oo...oo2) option of the definition command
(cc...cc2). line number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*pp...pp*2: Name of the operand related to the error

*vv...vv*1: Specified value related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*pp...pp*3: Name of the operand for which the error occurred

*vv...vv*2: Invalid specified value

ll...ll: Number of the line containing the invalid definition command

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S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, and then re-execute processing.

KFCA11569-E (E)

```
when the value specified for the T selector of the (oo...oo1)
option in definition command (cc...cc1) is equal to the value
specified for the T selector of the (oo...oo2) option in the
definition command (cc...cc2), the (oo...oo3) option of the
definition command must be assigned the same value. line
number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*cc...cc*2: Name of the definition command related to the error

*oo...oo*2: Name of the option related to the error

*oo...oo*3: Name of the option for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the options, and then re-execute processing.

KFCA11570-E (E)

```
when (oo...oo1) option of (cc...cc1) definition command specifies
(vv...vv1), in (cc...cc1) definition command, (pp...pp1) operand of
(oo...oo2) option cannot be specified in (cc...cc2) definition
command. line=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*vv...vv*1: Specified value related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*pp...pp*1: Name of the operand for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, and then re-execute processing.

KFCA11571-E (E)

```
when the value of (vv...vv1) assigned to the (pp...pp1) operand for
the (oo...oo1) option and (oo...oo2) option of definition command
(cc...cc1) is equal to the value specified using another definition
command (cc...cc2), the number of definition command (cc...cc3) must
be assigned the same number. line number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*vv...vv*1: Specified value related to the error

*oo...oo*2: Name of the option related to the error

*cc...cc*2: Name of the definition command related to the error

*cc...cc*3: Name of the definition command for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the commands, then re-execute processing.

KFCA11572-E (E)

```
when the value of (vv...vv1) assigned to the (pp...pp1) operand for
the (oo...oo1) option and (oo...oo2) option of definition command
(cc...cc1) is equal to the value specified using another definition
command (cc...cc2), the (oo...oo3) option of definition command
(cc...cc1) must be assigned the same value. line number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*vv...vv*1: Specified value related to the error

*oo...oo*2: Name of the option related to the error

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*cc...cc*2: Name of the definition command related to the error

*oo...oo*3: Name of the option for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the options, and then re-execute processing.

KFCA11573-E (E)

```
when the value of (vv...vv1) assigned to the (pp...pp1) operand for
the (oo...oo1) option and (oo...oo2) option of definition command
(cc...cc1) is equal to the value specified using another definition
command (cc...cc2), the (pp...pp2) operand for the (oo...oo3) option of
definition command (cc...cc1) must be assigned the same value. line
number=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*vv...vv*1: Specified value related to the error

*oo...oo*2: Name of the option related to the error

*cc...cc*2: Name of the definition command related to the error

*oo...oo*3: Name of the option for which the error occurred

*pp...pp*2: Name of the operand for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, and then re-execute processing.

KFCA11574-E (E)

```
when the value (vv...vv1) of (pp...pp1) operand of (oo...oo1) option of
(cc...cc1) definition command, (pp...pp2) operand of (oo...oo2) option
and (oo...oo3) option of (cc...cc2) definition command are mutually
exclusive. line=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*vv...vv*1: Specified value related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*oo...oo*3: Name of the option for which the error occurred

*pp...pp*2: Name of the operand for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition commands, then re-execute processing.

KFCA11575-E (E)

```
when the value (vv...vv1) of (pp...pp1) operand of (oo...oo1) option of
(cc...cc1) definition command, (pp...pp2) operand of (oo...oo2) option
and (oo...oo3) option of (cc...cc2) definition command cannot be
omitted. line=ll...ll
```

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*pp...pp*1: Name of the operand related to the error

*vv...vv*1: Specified value related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*oo...oo*3: Name of the option for which the error occurred

*pp...pp*2: Name of the operand for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the definition commands, then re-execute processing.

KFCA11576-E (E)

when the value of (*vv...vv*1) assigned to the (*oo...oo*1) option of
definition command (*cc...cc*1) is equal to the value specified using
another definition command (*cc...cc*1), the (*pp...pp*1) operand for the
(*oo...oo*2) option of definition command (*cc...cc*2) must be assigned
the same value. line number=*ll...ll*

*cc...cc*1: Name of the definition command related to the error

*oo...oo*1: Name of the option related to the error

*vv...vv*1: Specified value related to the error

*cc...cc*2: Name of the definition command for which the error occurred

*oo...oo*2: Name of the option for which the error occurred

*pp...pp*1: Name of the operand for which the error occurred

ll...ll: Number of the line containing the invalid definition command

S: Terminates processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Correct the operands, and then re-execute processing.

KFCA11578-E (E)

when (*pp....pp1*) operands of (*oo....oo1*) option of (*cc....cc1*) definition
command specifies (*vv....vv1*) and (*oo....oo2*) option of (*cc....cc2*)
definition
command specifies the same value as (*oo....oo3*) option of (*cc....cc3*)
definition command, (*oo....oo4*) options of (*cc....cc4*) definition
commands must be the same.
line number=*ll....ll*

*cc....cc1***:** Name of the definition command related to the error

*oo....oo1***:** Name of the option related to the error

*pp....pp1***:** Name of the operand related to the error

*vv....vv1***:** Specified value related to the error

*cc....cc2***:** Name of the definition command related to the error

*oo....oo2***:** Name of the option related to the error

*cc....cc3***:** Name of the definition command related to the error

*oo....oo3***:** Name of the option related to the error

*cc....cc4***:** Name of the definition command for which the error occurred

*oo....oo4***:** Name of the option for which the error occurred

*ll....ll***:** Line number of the definition command for which the error occurred

S: Continues processing.

O: Contact an OpenTP1 administrator.

Countermeasure: Correct the options, and then re-execute processing.

KFCA11579-E (E)

```
when (pp....pp1) operands of (oo....oo1) option of (cc....cc1) definition
command specifies (vv....vv1) and (oo....oo2) option of (cc....cc2)
definition
command specifies the same value as (oo....oo3) option of (cc....cc3)
definition command, (pp....pp4) operands of (oo....oo4) options of
(cc....cc4) definition commands must be the same.
line number=ll....ll
```

*cc....cc1***:** Name of the definition command related to the error

*oo....oo1***:** Name of the option related to the error

*pp....pp1***:** Name of the operand related to the error

*vv....vv1***:** Specified value related to the error

*cc....cc2***:** Name of the definition command related to the error

*oo....oo2***:** Name of the option related to the error

*cc....cc3***:** Name of the definition command related to the error

*oo....oo3***:** Name of the option related to the error

*cc....cc4***:** Name of the definition command for which the error occurred

*oo....oo4***:** Name of the option for which the error occurred

*pp....pp4***:** Name of the operand for which the error occurred

*ll....ll***:** Line number of the definition command for which the error occurred

S: Continues processing.

O: Contact an OpenTP1 administrator.

Countermeasure: Correct the operands, and then re-execute processing.

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KFCA11580-E (E)

```
when (pp....pp) operands of (oo....oo) option of (cc....cc1) definition
command specifies (vv....vv), (cc....cc2) definition command cannot
be specified.                line number=ll....ll
```

*cc....cc1***:** Name of the definition command related to the error

*oo....oo***:** Name of the option related to the error

*pp....pp***:** Name of the operand related to the error

*vv....vv***:** Specified value related to the error

*cc....cc2***:** Name of the definition command for which the error occurred

*ll....ll***:** Line number of the definition command for which the error occurred

S: Continues processing.

O: Contact an OpenTP1 administrator.

Countermeasure: Delete the definition commands, and then re-execute processing.

KFCA11599-E

```
work file name is double defined. file name=aa...aa
```

aa...aa: Work file name

S: Terminates the processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Use the -f option of the `mcftrans` command to update the work file name. Or, delete the previously defined file name. Then, re-execute.

KFCA11701-E

```
mmm unrecoverable error occurred during internal processing.
error location=aa...aa, reason code=bb...bb, detail code=cc...cc
```

mmm: MCF identifier

aa...aa: Error location (maintenance information)

bb...bb: Reason code (maintenance information)

cc...cc: Detail code (maintenance information)

S: Goes down.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11702-W

mmm `error occurred during internal processing. error`
`location=`*aa...aa*`, reason code=`*bb...bb*`, detail code=`*cc...cc*

mmm: MCF identifier

aa...aa: Error location (maintenance information)

bb...bb: Reason code (maintenance information)

cc...cc: Detail code (maintenance information)

S: Stops only the currently executing processing and continues processing.

O: Collect the maintenance information and contact the OpenTP1 administrator.

Countermeasure: Contact the maintenance personnel.

KFCA11703-E

mmm `error occurred during status I/O processing. maintenance`
`information 1=`*aa...aa* `maintenance information 2=`*bb....bb* `maintenance`
`information 3=`*cc....cc*

mmm: MCF identifier

aa...aa: Maintenance information 1 (error location in MFC)

bb...bb: Maintenance information 2 (internal processing function with error)

cc...cc: Maintenance information 3 (internal detail code)

Detail code	Cause of the error
-1012	Insufficient memory
-1015	Insufficient memory
-1018	Insufficient status file capacity
Other than above	Maintenance information

S: Continues processing.

O: Obtain maintenance information and contact the OpenTP1 administrator.

Countermeasure: Take action according to the previous error message. If no such message is output, contact the maintenance personnel.

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KFCA11704-E

mmm static shared memory found insufficient. maintenance information 1=*aa...aa* maintenance information 2=*bb...bb* maintenance information 3=*cc...cc* memory requirement=*dd...dd*

mmm: MCF identifier

aa...aa: Maintenance information 1 (error location in MFC)

bb...bb: Maintenance information 2 (internal processing function with error)

cc...cc: Maintenance information 3 (internal detail code)

dd...dd: Required memory size

S: Continues processing.

O: Obtain maintenance information and contact the OpenTP1 administrator.

Countermeasure: Increase the total amount of static shared memory (static_shmpool_size) in the system environment definition and the MCF work area length (mcfmcomn -p) of the MCF manager definition, and then retry.

KFCA11800-W (E)

mmm input queue cannot be held or freed because of SPP resources. command name=*aa...aa* service group name=*bb...bb*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Service group name

S: Ignores the command and continues processing.

KFCA11801-W (E)

mmm number of abnormal terminations cannot be reset because of SPP resources. command name=*aa...aa* application name=*bb...bb* application type=*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Application name

cc...cc: Application type

    mcf: MCF event

user: User application

S: Ignores the command and continues processing.

KFCA11803-W

mmm the service group in MCF application definition has already been registered using another UAP type. application name=*aa...aa* application type=*bb...bb* UAP type (existing)=*cc...cc*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

    user: User application

cc...cc: UAP type (MHP or SPP)

S: Stops registration of the application and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and, if necessary, correct the UAP type in the MCF application definition or the service group name, and then start the OpenTP1 system.

KFCA11804-W

mmm the service in MCF application definition has already been registered using another UAP type. application name=*aa...aa* application kind=*bb...bb* UAP type (existing)=*cc...cc*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

    mcf: MCF event

    user: User application

cc...cc: UAP type (MHP or SPP)

S: Stops registration of the application and continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and, if necessary, correct the UAP type in the MCF application definition or the service name, and then start the OpenTP1 system.

KFCA11806-W

mmm `SPP could not be started successfully. application name=`*aa...aa* `application type=`*bb...bb* `service group name=`*cc...cc* `service name=`*dd...dd* `reason code=`*ee...ee*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Application type

cc...cc: Service group name

dd...dd: Service name

ee...ee: Reason code (Maintenance information)

S: Continues processing.

O: According to the RPC return value given by the reason code, eliminate the error. Then, re-execute.

KFCA11807-W

mmm `transaction request could not be registered from another node. transaction ID=`*aa...aa* `requesting OpenTP1 node ID=`*bb...bb* `reason code=`*cc...cc*

mmm: MCF identifier

aa...aa: Transaction ID

bb...bb: Requesting OpenTP1 node ID

cc...cc: Reason code (Maintenance information)

S: Invalidates the processing.

O: Take the same action that was done for the previous message.

KFCA11808-E

mmm `SPP cannot be started because maximum message length is exceeded. application name=`*aa...aa*`, logical terminal name=`*bb...bb*

mmm: MCF identifier

aa...aa: Application name

bb...bb: Logical terminal name

S: Stops starting the SPP and continues processing.

O: Change the message length to inside the range in which SPP can be started, referring to DCRPC_MAX_MESSAGE_SIZE[#] in the header file dcrpc.h. Then, re-execute.

> \#: When the rpc_max_message_size operand is used, see the value specified in the rpc_max_message_size operand, rather than the value of DCRPC_MAX_MESSAGE_SIZE (1 megabyte).

KFCA11809-E (E)

mmm shutdown the service group because the service terminated abnormally. service name=*aa...aa* service group name=*bb...bb*

The service group has been shut down according to the specification (srvghold=s) in the application attribute definition.

mmm: MCF identifier

aa...aa: Service name

bb...bb: Service group name

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Remove the cause for the abnormally terminating service, enter the operation command (mcftactsg), and cancel the service group shutdown.

KFCA11810-I

mmm service is rescheduled. service name=*aa...aa* service group name=*bb...bb*

mmm: MCF identifier

aa...aa: Service name

bb...bb: Service group name

S: Continues processing.

KFCA11811-E

mmm Output file processing failed. command name=*aa...aa* file name=*bb...bb* reason code=*cc...cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: File name

cc...cc: Reason code

00000001: The path name is too long.

00000002: There are no files.

00000003: There are no permissions.

00000004: The available space is running short.

00000005: The file name is invalid.

S: Continues processing while considering the command to be invalid.

O: Take corrective action according to the reason code list.

KFCA11812-E (E)

mmm `failed reading the contents of input/output queues. command name=`*aa....aa* `output unit name=`*bb....bb* `reason code=`*cc....cc*

mmm: MCF identifier

aa...aa: Command name

bb...bb: Output unit name

cc...cc: Reason code

00000001: The maximum segment length (the value of the `segsize` argument of the `-e` option) specified in the `mcfmuap` definition command in the MCF manager definition is smaller than the edit segment length.

Check the definition.

00000002: The number of generated transactions exceeded the number of concurrently running transactions specified in the message queue service definition (`que_xidnum` operand).

Check the definition. Alternatively, retry the operation after the transactions terminate.

Other than above: An error other than one indicated above occurred.

Contact the maintenance personnel.

S: Invalidates the failed output unit and continues processing.

O: Contact the OpenTP1 administrator.

KFCA11820-W

mmm an MHP slowdown has been detected; however, processing will continue. service group name=*aa....aa* processing count=*bb....bb* maintenance information=(*cc....cc*, *dd....dd*)

mmm: MCF identifier

aa....aa: Service group name

bb....bb: Number of messages processed from the previous checkpoint up to the present time

cc....cc: Number of remaining messages at the last checkpoint

dd....dd: Number of currently remaining messages

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: The cause of this problem may be delayed service request processing in the MHP or excessive system load. After using the system commands of the operating system to determine the cause of the error, take corrective action, and then restart OpenTP1. Also make sure that the MCF definition is correct.

KFCA11821-E

mmm processing will now be forcibly terminated because an MHP slowdown was detected. service group name=*aa....aa* processing count=*bb....bb* maintenance information=(*cc....cc*,*dd....dd*)

mmm: MCF identifier

aa....aa: Service group name

bb....bb: Number of messages processed from the previous checkpoint up to the present time

cc....cc: Number of remaining messages at the last checkpoint

dd....dd: Number of currently remaining messages

S: Forcibly terminates MHP and MCF manager process.

O: Contact the OpenTP1 administrator.

Countermeasure: The cause of this problem may be delayed service request processing in the MHP or excessive entire system load. After using the system commands of the operating system to determine the cause of the error, take corrective action, and then restart OpenTP1. Also make sure that the definition is correct.

KFCA11822-W

mmm the service group of the MCF manager definition is not used
in the MCF application definition. service group name=*aa....aa*

mmm: MCF identifier

aa....aa: Service group name

S: Continues processing.

O: Contact the OpenTP1 administrator.

Countermeasure: Check and, if necessary, correct the MCF manager definition and
MCF application definition, and then restart OpenTP1.

Reader's Comment Form

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