

# NetBackup™ Emergency Engineering Binary Guide

Release 10.0 and 10.x

Document Version 8

# NetBackup™ Emergency Engineering Binary Guide

Last updated: 2024-01-12

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## Veritas Services and Operations Readiness Tools (SORT)

Veritas Services and Operations Readiness Tools (SORT) is a website that provides information and tools to automate and simplify certain time-consuming administrative tasks. Depending on the product, SORT helps you prepare for installations and upgrades, identify risks in your datacenters, and improve operational efficiency. To see what services and tools SORT provides for your product, see the data sheet:

[https://sort.veritas.com/data/support/SORT\\_Data\\_Sheet.pdf](https://sort.veritas.com/data/support/SORT_Data_Sheet.pdf)

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# NetBackup release content listings

This chapter includes the following topics:

- [About NetBackup release content listings](#)
- [About the NetBackup "known issues" documentation conventions](#)

## About NetBackup release content listings

Each release of NetBackup incorporates fixes to several known issues that affected previous versions of NetBackup. Some of these fixes are associated with the customer-specific issues that have been documented in the form of customer cases. Several of the customer-related fixes that are incorporated into each release are also made available as emergency engineering binaries (EEBs).

The *NetBackup Emergency Engineering Binary Guide* contains the following information:

- Tables that list the EEBs that were incorporated into NetBackup releases
- Release content listings of some of the known issues that were fixed in NetBackup releases

The *NetBackup Emergency Engineering Binary Guide* is published for each major release and minor (single-dot) release. The guide is then periodically updated to include the EEB and release content listings for subsequent double-dot and triple-dot releases.

Much of the information that is found in the *NetBackup Emergency Engineering Binary Guide* can also be found on the Veritas Services and Operations Readiness Tools (SORT) website using the NetBackup Hot Fix and EEB Release Auditor widget.

See ["About Veritas Services and Operations Readiness Tools"](#) on page 130.

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**Note:** If you do not see information about an EEB or a fixed issue that you expected to see in the *NetBackup Emergency Engineering Binary Guide* or in SORT, contact Veritas Support.

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## About the NetBackup "known issues" documentation conventions

The following items describe the conventions used in the NetBackup known issues listings:

- **Etrack Incident**  
Notes the Etrack number that targets a release
- *Associated Primary Etrack*  
An additional Etrack number that exists in the incident hierarchy
- *Associated Service Request Etrack*  
The Etrack that is associated with the customer support service request
- *Description*  
Describes a particular issue that has been fixed in a release, as well as additional notes and workarounds (if available).  
Workarounds can be used instead of applying the patch, however, Veritas recommends the best practice of operating at the latest available NetBackup release level.
- **\*\*Description or \*\*Etrack number**  
Describes a critical issue or an issue that can lead to a potential data loss that has been fixed in this release  
Please read these issue descriptions carefully. In some cases, a Tech Alert link is provided.

# EEBs and other known issues resolved in NetBackup 10.3.0.1

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 10.3.0.1](#)
- [Other known issues resolved in NetBackup 10.3.0.1](#)

## Previous EEBs now resolved in NetBackup 10.3.0.1

[Table 2-1](#) contains a listing of known issues with NetBackup that were identified, fixed, and made available to customers in the form of an emergency engineering binary (EEB). NetBackup 10.3 resolves the issues that were fixed with each of these EEBs.

More information on the Etracks that are listed in this topic (and any other service request Etrack) can be found on the [Veritas Services and Operations Readiness Tools \(SORT\)](#) website.

**Table 2-1** Previous EEBs now resolved in NetBackup 10.3.0.1

Etrack Number	EEB Description
4110609	Add Domain Admin group via bpnbaz -addrbacprincipal fails when the user group has space in the group name.
4116753	Following problems are addressed by this EEB: 1) NBdeployutil generated report shows 0 byte size, 2) Incorrect/No version info reported by nbdeployutil



**Table 2-1** Previous EEBs now resolved in NetBackup 10.3.0.1 (*continued*)

Etrack Number	EEB Description
4124260	When creating a cloud protection plan the replication retention will get set to the snapshot value and not the backup value.
4132253	nbdeployutil report shows 0 KB on the manually run and scheduled incremental report.
4135469	Provides Apache Tomcat version 9.0.82 for NetBackup 10.1.1
4135562	Provides Tomcat Upgrade version 9.0.82 for Netbackup 10.0.0.1 OpsCenter.
4135570	Provides Apache Tomcat version 9.0.82 for Netbackup 9.1.0.1
4135580	Provides Apache Tomcat version 9.0.82 for NetBackup 10.2.0.1.
4135636	NetBackup IFS (Index from Snapshot) Job fails with Status 12 - file open failed (12). Activity Monitor: MMM DD, YYYY HH:MM:SS PM - Error bpbrm (pid=xxxxx) db_send_FILES_LIST failed: file open failed (12)
4135788	This EEB provides security fixes.
4135913	Provides Kerberos upgrade to version 1.20.1 for security fixes. Provides cURL upgrade to version 8.4.0 for security fixes.
4135950	Provides Apache Tomcat 9.0.81 or later to mitigate CVE-2023-44487 for NetBackup 10.0.0.1.
4136046	Provides Apache Tomcat 9.0.82 for NetBackup 8.3.0.2
4136068	Provides JRE upgrade to 8u391 for NetBackup 9.1.0.1.
4136103	The restore operation fails for VM with Secure Boot option enabled and it is enforced by the policy constraint 'constraints/compute.requireShieldedVm'
4136108	The nbmysql backup command does not report a failure if the database backup has failed during backup.
4136164	Retention time for replication is set based on snapshot rather than backup when configuring a protection plan.
4136300	This EEB provides security fixes.
4136625	This EEB provides security fixes.
4136694	Provides Apache Tomcat 9.0.82 for NetBackup 10.3
4136955	Snapshot Manager-created source volume snapshots are not deleted from the NAS when the NetBackup images expire.
4137905	In VMware-NAS, if explicit deport is executed on the snapshot then the proceeding bpfis delete fails leaving the snapshot as orphan.

**Table 2-1** Previous EEBs now resolved in NetBackup 10.3.0.1 (*continued*)

Etrack Number	EEB Description
4138316	The discovery operation fails from Primary server to NSM server
4138911	This EEB provides security fixes for cURL and Kerberos.
4138919	This EEB provides security fixes for cURL and Kerberos.
4138920	This EEB provides security fix for cURL.
4139499	If user selects FIXED type of retention in a protection plan and Recurrence of a backup job is equal to the snapshot retention period, the snapshot gets expired after its retention period is over and hence no reference snapshot would be available.
4140079	After upgrading Snapshot Manager from NetBackup 10.2.0.1 to 10.3, communication between Snapshot Manager and the primary server are broken.
4140777	Avoids a few debug logs.
4140852	Provides Apache Tomcat 9.0.83 or higher for NetBackup 10.1.1
4140907	This EEB provides security fixes.
4140917	This EEB provides security fixes.
4141007	Provides Apache Tomcat 9.0.83 for NetBackup 9.1.0.1
4141213	Provides Apache Tomcat 9.0.83 or higher for OpsCenter 10.0.0.1
4141231	Provides Apache Tomcat 9.0.83 for NetBackup 10.3
4141309	Deletes unused Fibre Channel driver in NetBackup 10.3.
4141419	Provides Apache Tomcat 9.0.83 for NetBackup 10.2.0.1
4141556	Updates VRTSpddei to fix PVM issues.
4141565, version 1	Updates Spring and Spring Boot versions to 5.3.30 and 2.7.16 respectively. The Ramda version is upgraded to 0.29.1
4141781	This EEB provides security fixes.
4141875	Updates supermin to fix PVM issues.
4142075	Upgrades NetBackup Postgres version to 14.10.1.0.
4142216	Provides Apache Tomcat version 9.0.84 for Netbackup 8.3.0.2
4142748	Upgrades Apache Tomcat Version to 9.0.84 for NetBackup 10.0.0.1.
4142971	Upgrades Perl version to 5.38.2.

**Table 2-1** Previous EEBs now resolved in NetBackup 10.3.0.1 (*continued*)

Etrack Number	EEB Description
4142973	Upgrades Perl version to 5.38.2.
4142974	Upgrades Perl version to 5.38.2.
4142976	Upgrades Perl version to 5.38.2.
4142977	Upgrades Perl version to 5.38.2.
4142979	Upgrades Perl version to 5.38.2.
4142981	Upgrades Perl version to 5.38.2.
4142983	Upgrades Perl version to 5.38.2.
4142984	Upgrades Perl version to 5.38.2.
4142986	Upgrades Perl version to 5.38.2.
4142987	Upgrades Perl version to 5.38.2.
4142988	Upgrades Perl version to 5.38.2.
4142989	Upgrades Perl version to 5.38.2.
4142991	Upgrades Perl version to 5.38.2.
4142992	Rebuilds drcontrol with Perl 5.38.2
4145330	Deletes unused Fibre Channel driver in NetBackup 10.2.0.1

## Other known issues resolved in NetBackup 10.3.0.1

### **Etrack Incident: 4135719**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Upgrade from 9.1 to 10.2.0.1 failed with status code 13 creating the database.

### **Etrack Incident: 4136156**

- Associated Primary Etrack: 4125316
- Associated Service Request Etrack(s): 4125315

- **Description:**  
NetBackup upgrade on Windows primary server failed during the execution of `bmrsetupmaster`.

**Etrack Incident: 4137441**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- **Description:**  
The rate of reading snapshot from AWS varied and slowed down.

**Etrack Incident: 4138555**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- **Description:**  
SQL backups failed on NetBackup FlexScale 3.1 due to a RHEL TCP stack bug.

**Etrack Incident: 4139586**

- Associated Primary Etrack: 4138957
- Associated Service Request Etrack(s): 4138956
- **Description:**  
With an upgrade to NetBackup Snapshot Manager 10.3.0.0.1057, the agent constantly crashed with an invalid token error.

**Etrack Incident: 4139737**

- Associated Primary Etrack: 4135075
- Associated Service Request Etrack(s): 4135074
- **Description:**  
Backups from a snapshot failed for multiple cloud VMs with error 2060017.

**Etrack Incident: 4139960**

- Associated Primary Etrack: 4122192
- Associated Service Request Etrack(s): 4122191
- **Description:**  
Snapshots failed in bulk when run in parallel with CIG.

**Etrack Incident: 4141473**

- Associated Primary Etrack: N/A

- Associated Service Request Etrack(s): N/A
- Description:  
NetBackup Kubernetes Operator (NBKOPS) had vulnerabilities as reported by customer.

**Etrack Incident: 4141986**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Setup tools in DBPaaS agents has a vulnerability.

**Etrack Incident: 4142156**

- Associated Primary Etrack: 4142172
- Associated Service Request Etrack(s): 4143535
- Description:  
NetBackup DataMover image had the GNU C library which has a vulnerability.

**Etrack Incident: 4143179**

- Associated Primary Etrack: 4143180
- Associated Service Request Etrack(s): 4145051
- Description:  
Unable to add a primary server in Veritas Alta View. Error: Unable to establish connection with host.

**Etrack Incident: 4143799**

- Associated Primary Etrack: 4143797
- Associated Service Request Etrack(s): 4144329
- Description:  
Unable to add China region into CloudPoint Azure plug-in.

**Etrack Incident: 4144545**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Initial data sync was not restarting automatically after upgrade if Initial Sync Flag was not in the database.

**Etrack Incident: 4144597**

- Associated Primary Etrack: 4144374
- Associated Service Request Etrack(s): 4144373
- Description:  
Installation of NBServerMigrator (NBSM) was blocked.

**Etrack Incident: 4145143**

- Associated Primary Etrack: 4143797
- Associated Service Request Etrack(s): 4144329
- Description:  
Removed China Region from plug-in UI because the region is not supported in NetBackup 10.3.0.1.

# EEBs and other known issues resolved in NetBackup 10.3

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 10.3](#)
- [Other known issues resolved in NetBackup 10.3](#)

## Previous EEBs now resolved in NetBackup 10.3

[Table 3-1](#) contains a listing of known issues with NetBackup that were identified, fixed, and made available to customers in the form of an emergency engineering binary (EEB). NetBackup 10.3 resolves the issues that were fixed with each of these EEBs.

More information on the Etracks that are listed in this topic (and any other service request Etrack) can be found on the [Veritas Services and Operations Readiness Tools \(SORT\)](#) website.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3

Etrack Number	EEB Description
3981133, version 37, 36	8.2 MSDP Preferred EEB bundle
4033971, version 11	The EEB bundle contains fixes for MSDP issues on NetBackup 9.0.0.1
4047040, version 27, 26, 25, 24	The EEB bundle contains fixes for MSDP issues on NetBackup 9.1.0.1

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4052154, version 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 6, 5, 4, 3, 1	This EEB is used to improve the universal share performance for NetBackup 8.3.0.2.
4052209	This EEB provides support to remove backups brought online from an archive without having to run a new archive session or manually manage bpcatres output files.
4057238	bpcd does not re-read bp.conf if mtime is older than the last time bp.conf was read unless bpcd service is restarted.
4060379	nbdeployutil reports suspicious data values depending on whether the report is scheduled or manually initiated.
4065153, version 2	Primary server being DDOSed due to a large number of connections from clients at same time. Bpcd invokes nbcertcmd ping to first server after every 45 mins.
4068286	Remote Admin Console hangs on NetBackup Service Layer (NBSL) while connecting to primary server.
4070421, version 11, 10, 9	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 10.0 (DD 16.0).
4073293, version 10	Updates Log4j JARs to 2.17.1, Spring JARs to 5.3.27, Jackson databind JARs to 2.13.2.2 , HttpClient JARs to 4.5.13, Commons Text to 1.10.0, Shiro to 1.11.0.
4078046, version 4	Spring, Jackson databind and httpclient update.
4078688, version 14, 13, 12, 11, 10, 9, 8, 7, 6	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 10.0.0.1
4084320	Hadoop database backup is very slow or failing with status 13
4084755	VMware incremental flash backup fails
4086611	Web UI on a non-English Windows server wrongly converted a byte in the path of the progress file when sending a restore request to bprd.
4087222	Fail to restore VM with error 2820 if ESX server uses IPv6 address.
4089679, version 1	Certain files/folders are missing during restore browse of Windows VM backups.
4091600	MySQL Intelligent policy DB backup fails for multiple instances.
4091663	EEB to remove backup brought online from Archive without having to run a new archive session or manually manage bpcatres output files.



**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4091734, version 8, 7, 6	EEB bundle contains fixes for MSDP issues on NetBackup 10.1.
4091917	nbstserv consumes a large amount of memory when the SLP backlog is large.
4091938, version 1	Unable to send mails configured in WebUI via TLS
4091996	PostgreSQL backup fails with error - Parser failed to issue command for PostgreSQL
4092276	Kubernetes configuration fails to validate cluster credentials. Failure Reason: System error occurred.
4092298	Cleanup WAL archives after FULL backup was not working.
4094997	Provides Apache Tomcat 9.0.69 upgrade for NetBackup 8.3.0.1 to mitigate CVE-2022-42252.
4095000	Postgres failure - Require '-d' option for NetBackup Version 10.0
4095187	bpcatarc error: no entity was found (227)
4095513	Oracle password are displayed in plain text in NetBackup logs.
4096582	NBCS processes aren't shutting down and fail to delete Cloud snapshots.
4097919	Accelerator not working as expected for DNAS with Hitachi NAS for NFS shares.
4098090	Differential incremental backup (INCR) with Archive bit-based is successful, but some files are not backed up, and the Archive bit of these files are cleared.
4098142, version 3, 2	Bundle EEB for resolving AIR replication job failures and WORM unlock time related issue.
4098462	Addresses HANA DB recovery issue.
4098676	AIR Import Confirmation fails due to invalid and/or failing to find the machine ID.
4098770	This EEB provides fixes for issues with large MSSQL database backups with universal share.
4099014	The nbdb_unload command fails to generate the schema output when run as part of the NBSU execution due to lack of permissions on the NBSU output folder.
4101518	DNAS 'Exclude Volumes' is not being honored during a backup.
4101522	BMR Restore fails to map /boot on new hardware
4102406, version 10, 9, 8, 7, 6, 5, 4, 3, 2, 1	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 10.1.1.
4102487	MSDP Storage server properties will not show itself as a replication target.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4102836	Instant access for WDD disk is not appearing.
4103181	Remote Admin console hangs while connecting to primary server.
4103223	Updates Flex Library Versions in the NetBackup web UI.
4103705	VIP of NetBackup 8.3.0.2 fails with STATUS 200 despite updating the cache list for the virtual machine.
4104235	Malware Scan Instant Access fails if the Standard backup image contains files with a specific UID/GUI.
4104456	Slow backups and jobs queuing each night and storage servers all marked as DOWN.
4105272	BMR support for new version of RedHat platform RHEL 9.0 and 9.1 This EEB will add support of RHEL 9.0 and 9.1 for Self-restore/DDR/DSR and lvm thin provisioning (self- restore/sytem disk only restore).
4105549	Unable to send mails configured in WebUI via TLS
4105590	Teradata backup license reporting is still wrong after patch.
4106047, version 2, 1	Unable to log in with Active Directory user ID after configuring the LDAP domain via the API.
4106506	Host name does not change after switching to another node.
4106546, version 1	9.1.0.1 - Nbdeployutil Cumulative EEB for Accurate License Reporting
4106725	Cloud Object Store protection - restore from tape failure
4106801	NetBackup Java Console is slow when NetBackup Access Control (NBAC) is enabled.
4107275, version 1	Provides a feature for BOA such that AIX client can directly write to Datadomain storage.
4107419	Provides upgrades to Spring Framework version 5.3.27, Spring Security Web version 5.7.8, Apache Commons Text 1.10, Commons-Fileupload version 1.5 and SnakeYAML usages from ServiceLocatorImpl.
4107445	Provides upgrades to Spring Framework version 5.3.27, Apache Commons Text 1.10 and SnakeYAML usages from ServiceLocatorImpl.
4107679	Fixes for NetBackup Administration Console, which hang in BMR node, Packages node and change config dialog.
4107834	NetBackup Client Snapshot Management in Nutanix Cluster Fails snapshot with code (3022).
4107966	Bare metal restore clients are not loading.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4108001	Web UI on a non-English Windows server wrongly converted a byte in the path of the progress file when sending a restore request to bprd.
4108283	NetBackup 10.1.1 media server multiplexed tape backups fail with status code 66 for client versions below 9.1.
4108386	DNAS backup fails due to bpbkar crash on backup host
4108999	BMR Restore fails to map /boot on new hardware
4109162	BMR Restore fails to map /boot on new hardware
4109223	BMR Restore fails to map /boot on new hardware
4109297	Fixes for NetBackup Administration Console, which hang in BMR node, Packages node and change config dialog.
4109508	This EEB provides the mini-reset feature for NetBackup 8.3.
4109561	This EEB provides the mini-reset feature for NetBackup 9.0.
4109576	This EEB provides the mini-reset feature for NetBackup 9.1.
4109586	BMR Restore fails to map /boot on new hardware
4109623	Jobs fail with error codes 83, 84, 2074, 2106 during backup windows in midnight. Curl calls to primary server fail to connect to PBX for some interval which cause backup failure. The connection to PBX starts to work again after some interval.
4109674	Image cleanup error: fails to delete WORM locked image.
4109688	This EEB provides the mini-reset feature for NetBackup 10.0.
4109689	This EEB provides the mini-reset feature for NetBackup 10.1.
4109766	BMR Restore fails to map /boot on new hardware
4109784	Malware Scanner: image scanning is failing.
4109940	AHV backups failed with error 69.
4109953	PaaS backups are failing in Amazon Gov cloud.
4110392	Performance optimization for DNAS SMB backups.
4110432	NetBackup 10.1 client backups may fail with status-code 8314.
4110459	Provides upgrade to Apache Tomcat 9.0.71 or later.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4110553	Initiating Kubernetes delete backup request fails with error code: 130
4110770	Addresses multiple NBFS specific issues.
4110817	Postgres failure - Require '-d' option for NetBackup Version 10.0.
4110847	Restoring Azure PaaS MS-SQL across tenants fails.
4111330	Conflict of EEBs while installing a new EEB.
4111420	The Instant Access job triggered by Malware Scan fails with error 4001. Malware Scan jobs complete in one minute for million of files, which is unexpected.
4111537	Malware Scanning is failing with "Failed to create the instant access mount. (4001)"
4111653	Permissions not restored for directories and subdirectories on alternate path
4111676	Provides Apache Tomcat version 9.0.73 to mitigate CVE-2023-24988.
4111737	Backup failed for MariaDB database with error 'Failed to get pointer to function mysql_library_end'.
4112094, version 3, 2, 1	Enables alternate client restores and addresses issues with EEB install/uninstall for NBFS
4112110	Provides Apache Tomcat 9.0.73 or later to mitigate CVE-2023-28708
4112143	Adds utility on NetBackup primary server to identify cloud provider type.
4112144	Adds utility on NetBackup primary server to identify cloud provider type.
4112145	Adds utility on NetBackup primary server to identify cloud provider type.
4112146	Adds utility on NetBackup primary server to identify cloud provider type.
4112265	Teradata backups fail because they are unable to load or reference symbols in XBSA library.
4112371	Provides Apache Tomcat 9.0.73 or later to mitigate CVE-2023-28708 for NetBackup 9.1.0.1.
4112405	VMware agentless restore with NetBackup 10.1.1 to a Windows Server 2022 virtual machine fails with status 2820.
4112632	Provides Apache Tomcat 9.0.73 or later to mitigate CVE-2023-28708 for NetBackup 9.0.0.1.
4112731	Provides upgrade to Apache to 9.0.73 or later for NetBackup 10.0.0.1 to mitigate CVE-2023-24998.
4112909	Provides Apache Tomcat version 9.0.73 to mitigate CVE-2023-28708.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4112949	VMWare Agentless restore is failing on CentOS 7.4 OS VMs.
4113027	Fails to connect to scan host error when malware scan job fails.
4113054	Adds k8s_service and virtualized_cloud_provider keys to Usage Insights metadata.
4113088	This EEB contains a new extension of anomaly detection called 'nbaneximgexp'. This EEB is created for Flex setups only (linuxR_x86).
4113145	NDMP Restore fails for paths with special characters
4113668	bpnbat WEB login fails for Active Directory user as it is unable to save the authentication token.
4113805	Provides Apache Tomcat 9.0.74 for NetBackup 10.2 to mitigate CVE-2023-24998.
4113832	Web UI on a non-English Windows server wrongly converted a byte in the path of the progress file when sending a restore request to bprd.
4113874	The nbdb_unload command fails to generate the schema output when run as part of the NBSU execution due to lack of permissions on the NBSU output folder.
4113891	Snapshot error 156 encountered.
4113961	Slow backup performance on MSDP after upgrading to NetBackup 10.0.0.1 from 9.1.0.1.
4114001, version 1	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 10.2
4114110	Oracle Recovery Points are missing.
4114363	Provides Kerberos 1.20.1 upgrade.
4114364	This EEB contains security fixes
4114365, version 1	This EEB contains security fixes
4114398	This EEB is used to diagnose vpfspd performance for NetBackup 8.3.0.2.
4114429	This EEB provides updates to Flex Scale Library Versions in the NetBackup web UI.
4114493	VMware VMs backups through CDP mechanism are slow for large VMs.
4114501	Excluding deleted assets from Kubernetes intelligent groups.
4114719	Adds k8s_service and virtualized_cloud_provider keys to Usage Insights metadata.
4114792	Remote Admin console hangs while connecting to primary server via Admin Network
4114801	Provides JRE 8u371 upgrade for RHEL 9.1.0.1.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4114925, version 3, 2, 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 10.2.
4115056	This is an EEB Package for Security updates
4115066	This EEB provides a fix for an issue with directories with long names in IA.
4115258	This EEB provides updates to Flex Scale Library Versions in the NetBackup web UI.
4115329	No Backup From Snapshot job gets triggered for PVC with a size 40TB or more
4115377	This EEB provides the ability to remove catalog brought online from archive without having to run additional archive and not having to save and manage bpcatres outputs.
4115400, version 1	Job does not start when restoring to a different location using Web UI Spring update 5.3.20.
4115466	This EEB is provided to enable support of protection of AWS Redshift databases. The infrastructure related changes are already part of Redwood release. This EEB contains changes to enable backup and restores.
4115644	System error occurs in the web UI when trying to recover Windows backup with all_local_drives directive / SCC.
4115735	After upgrade to NetBackup 10.2, jobs are sitting in queued state
4115862, version 1	Cannot save existing VMware policy in Web UI when it was created in the NetBackup Administration Console.
4115893	NetBackup 10.2 client install causes non-NetBackup Postgres to stop working.
4115922, version 1	This EEB bundle contains fixes for MSDP issues on NetBackup 10.0.0.1
4115931	Adds k8s_service and virtualized_cloud_provider keys to Usage Insights metadata.
4115990, version 5, 4, 3, 2, 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 10.1.1.
4116100, version 1	Provides upgrades to Spring Framework version 5.3.24, Spring Security Web version 5.7.6, Apache Commons Text 1.10 and SnakeYAML usages from ServiceLocatorImpl. Lag occurs while updating Exchange credentials in NetBackup Administration Console on primary.
4116111	Replication job for cloud snapshots run sequentially instead of running in parallel. It is expected to run 5 job in parallel when large numbers of workloads, snapshots and replications run.
4116227	NetBackup Kubernetes backup fails with Certificate errors.
4116282	This EEB provides NBFS API updates for the web UI.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4116500	Java GUI hangs in BMR-Resources-Packages node due to Build number field missing in Java OS level static strings for OSs before Windows 2022.
4116631	Following the upgrade to 10.1.1, the pagelimit and offset values are not being set from the NetBackup Web UI when 'Kubernetes clusters' tab is selected.
4116644	Some image cleanup jobs exit with status 88.
4116781, version 2, 1	Intelligent Catalog Archiving is recalling .f files from image copies that are already expired
4116831, version 1	Addresses NetBackup primary server disconnection in Veritas Alta View for GA 10.1.1 builds.
4116874	PostgreSQL postmaster options causes nbdisco core dump.
4116916, version 1	An error occurs while registering the NetBackup primary server with Veritas Alta View after using the proxy server.
4117068, version 1	Kubernetes backup job fails for deleted namespaces in intelligent group.
4117213	Backups of Hyper-V Virtual Machines end with error 48.
4117530	pg_basebackup tar file generated by recovery is corrupted and cannot be extracted due to incorrect array size.
4117704, version 2, 1	This EEB provides Rancher support for Kubernetes clusters on 10.2.
4117775	Kubernetes intelligent group does not skip deleted namespaces while backup.
4117873	VMware agentless restore with NetBackup 10.2 to a Windows Server 2022 virtual machine fails with status 2820.
4118032	Provides Apache Tomcat 9.0.74 or later to mitigate CVE-2023-24998.
4118096	Universal share backup runs into remote backup flow on BYO.
4118225	MS-SQL Point-in-Time recovery does not restore the database to the requested time if the system timezone name is not part of the registry timezone name key.
4118281	Malware Scan filelist generation has issues when the scanning filename has special characters.
4118496	Provides Tomcat 9.0.73 needed for OpsCenter 9.1.0.1.
4118534	Provides Apache Tomcat 9.0.75 or later to mitigate CVE-2023-24998.
4118737	This EEB provides improvements in handlehelper to do resource cleanup when resource limitation is reached.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4118749	Web UI is not able to show Infected Files list when infected files contain special characters in names.
4118786	Adds k8s_service and virtualized_cloud_provider keys to Usage Insights metadata.
4118837, version 2, 1	Provides upgrades to Spring Framework version 5.3.27, Spring Security Web version 5.7.8, Apache Commons Text 1.10, Commons-Fileupload version 1.5 and SnakeYAML usages from ServiceLocatorImpl Single SignOn (SAML), Apache Shiro version 1.12.0.
4118884	Provides Kerberos upgrade to version 1.20.1 for security fixes.
4118936	Unable to display BMR data in the Web UI.
4119064	Adds backup start and end timestamp added to BPHDB logs.
4119066	Adds backup start and end timestamp added to BPHDB logs.
4119070, version 1	This EEB bundle contains multiple Kubernetes fixes.
4119203, version 3, 2, 1	Malware scan job failed intermittently when Windows Defender used on the scan host
4119221	In a Flex environment, snapshots fail when backing up universal shares to a cloud storage unit (STU).
4119243	Adds backup start and end timestamp added to BPHDB logs.
4119379	This EEB provides a security vulnerability fix.
4119709	Provides Apache Tomcat 9.0.74 or later to mitigate CVE-2023-24998.
4119713	AIR Imports are failing with "2060018 file not found".
4119934	Unable to send mails configured in the web UI via Transport Layer Security (TLS).
4120229	VMware backup fails with status code 200 saying 'The scheduler found that no backups are due. Or, the target hosts do not need to be upgraded'.
4120276	Web UI on a non-English Windows server wrongly converted a byte in the path of the progress file when sending a restore request to bprd.
4120354	Synthetic full backup fails with status code 610 when one image to synthesize resides on tape.
4120515	VMware ASC job for Exchange VM completes with status 1: GRT Functionality for Database is not supported because volume is on a GPT disk and is not supported.



**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4120602	Restoring a virtual machine that has CPU Hot Plug (Hot Add) enabled in the virtual machine settings fails when directed to a vsphere 8.x datastore.
4120679	NetBackup 10.1 client backups may fail with status code 8314.
4120790, version 1	This EEB bundle contains the following fixes: Central server and other primary server communication issue. Socket read failures. Ignore ca_roots if large number of domains. Fix to allow ~480 servers in lab setups.
4120871	VM IA error 4004: no version information available.
4120880	Adds new provider entry DataCore. Add Immutable Object Support for NetappLAN and DataCore on WEBUI.
4120914	Openshift restore fails with 'invalid origin role binding' error.
4121339	Zero KB fragment size on MSDP non-WORM images.
4121537	Provides Apache Tomcat version 9.0.75 or later for NetBackup 10.0.0.1.
4121619	Failure to connect to scan host error when malware scan job fails.
4121855	PostgreSQL alternate restore fails with 85.
4121894	Restoring a virtual machine that has CPU Hot Plug (Hot Add) enabled in the virtual machine settings fails when directed to a vsphere 8.x datastore.
4121982	Addresses issues with Oracle restore.
4122130, version 1	10.0.0.1 - Nbdeployutil Cumulative EEB for Accurate License Reporting
4122224	Provides Spring Framework version 5.3.27 upgrade.
4122528	PostgreSQL postmaster options causes nbdisco core dump.
4122568	ACL is not restored from VMware backup when file owned by Domain Users/Group.
4122615	This is an EEB Package for Security updates for NetBackup 10.0 servers.
4122628	This is an EEB Package for Security updates for NetBackup 10.0 clients.
4122861, version 1	This bundle EEB contains the following fixes - Fix1: 10.1 - Following the upgrade to 10.1, discovery and job failures are seen. Fix2: Kubernetes configuration fails to validate cluster credentials. Failure Reason: System error occurred.
4122907	Provides Apache Tomcat version 9.0.75 or later for NetBackup OpsCenter 10.0.0.1.
4122914	Provides Spring Framework version 5.3.27 for NetBackup 10.2.0.1.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4122926	Synthetic full backup fails with status code 610 when one image to synthesize resides on tape.
4122961	Addresses issues with Oracle restore.
4122965	MSDPC WORM creation with msdpclutil could not find region configuration.
4123220	Remote Admin Console hangs on NetBackup Service Layer (NBSL) while connecting to primary server.
4123774	This EEB provides PostgreSQL 15.x support in NetBackup 10.1.1.
4123910, version 1	Provides upgrades to Spring Framework version 5.3.27, Spring Security Web version 5.7.8, Apache Commons Text 1.10 and SnakeYAML usages from ServiceLocatorImpl. Fixes NDMP RBAC issue.
4124797, version 2, 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 10.2.0.1.
4124933	Provides Spring Framework version 5.3.27 upgrade.
4125134	Unable to log in with Active Directory user ID after configuring the LDAP domain via the API.
4125449, version 1	Malware scan fails with 'Missing parameters worklistid or osplatform or log file path'.
4125767	Web UI on a non-English Windows server wrongly converted a byte in the path of the progress file when sending a restore request to bprd.
4125851	BMR fails for RHEL with 'Unable to unmount SRT'.
4125883	In the NetBackup 10.2 web UI, anomaly detection cannot remove clients from 'excluded clients list'.
4126300	Provides JRE 8u381 upgrade for RHEL 9.1.0.1.
4126306	Provides Apache Tomcat version 9.0.75 or later for NetBackup 10.2.
4126603	Password is stored as plain text and catalog backups fail with Status 160 when the Disaster Recovery path is in CIFS format.
4126665	Ca_roots are ignored if there are a large number (~480) of domains.
4126749	Backups and Replications are running slow. multiple servers are affected. Spoold has performance issue with Windows 2019
4126929	This EEB provides support for multipart form payload API over web socket channel in NBWSS.
4127020	Provides Apache Tomcat version 9.0.75 or later for NetBackup 10.2.0.1.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4127150	Failure to connect to RHEL 9 scan hosts.
4127278	This EEB provides security fixes.
4127568	This EEB provides support for SCST 3.6 and SCST 3.7 on NetBackup 10.0.0.1 for Flex.
4127570	This EEB provides support for SCST 3.7 on NetBackup 10.1.1 for Flex.
4127573	This EEB provides support for SCST 3.7 on NetBackup 10.2.0.1 for Flex.
4127577	cata2map issue causes storage server to run out of memory.
4127678	This EEB provides multipart form data support and other important Veritas Alta View fixes for NetBackup 10.2.
4127712	The remote web server is not enforcing HSTS.
4127898	Activation of Recovery Vault immutable storage fails on NetBackup 10.0.0.1 with AWS.
4127929	Provides PyCA/cryptography upgrade to version 40.0.2.
4128007	Provides upgrades to Spring Framework version 5.3.27, Spring Security Web version 5.7.8, Apache Commons Text 1.10 and SnakeYAML usages from ServiceLocatorImpl. Fixes issue with deleted assets from Kubernetes intelligent groups.
4128501	VMware backup fails with status 200 after NetBackup upgrade from 8.2 to 10.1.1.
4129285	Provides Shiro update to version 1.12.0.
4129623, version 11	NetBackup Malware Issue: Flex Appliance prompt free SWAP is lower than optimal threshold values
4130905	DNAS incremental backup of a Netapp Flexgroup volume with accelerator enabled scans the same amount of data as a full.
4131014	Image cleanup error: failed to delete WORM locked image.
4131206	This package contains Anomaly extensions for detecting anomalies in image expiration and detecting client offline due to any malware attack, respectively.
4131431	During NDMP restore, non-admin RBAC user receives error: The user does not have permission to perform the requested operation.
4131582	During NDMP restore, non-admin RBAC user receives error: The user does not have permission to perform the requested operation.
4131665, version 1	This EEB provides security fixes and other enhancements so that snapshots and backups can work.

**Table 3-1** Previous EEBs now resolved in NetBackup 10.3 (*continued*)

Etrack Number	EEB Description
4133822	AIR importing BMR backup data of windows client fails on target Red Hat primary server after AIR replication job completes successfully.
4134245	Provides libxml upgrade to version 2.11.4.
4134365	Provides Python upgrade to version 3.9.18.
4134891	Provides Python upgrade to version 3.9.17.

## Other known issues resolved in NetBackup 10.3

### Etrack Incident: 4089473

- Associated Primary Etrack: 4072291
- Associated Service Request Etrack(s): 4072290
- Description:  
Backups and replications failed with status 25 communication between primary and media servers.

### Etrack Incident: 4099351

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Datamover operation was disallowed by cluster policy due to running in privileged mode.

### Etrack Incident: 4100681

- Associated Primary Etrack: 4098285
- Associated Service Request Etrack(s): 4098284
- Description:  
The `dbbackex.exe` process used 40GB of memory when a NetBackup 9.1 client backed up a large SQL database.

### Etrack Incident: 4104966

- Associated Primary Etrack: 4102781
- Associated Service Request Etrack(s): 4102780
- Description:

Catalog backup size suddenly dropped from 1.63TB to 199.3 GB.

**Etrack Incident: 4105595**

- Associated Primary Etrack: 4101187
- Associated Service Request Etrack(s): 4101186
- Description:  
Backup From Snapshot (BFS) failed for cross-account with AWS Gov cloud region.

**Etrack Incident: 4105601**

- Associated Primary Etrack: 4101187
- Associated Service Request Etrack(s): 4101186
- Description:  
Backup From Snapshot (BFS) failed for cross-account with AWS Gov cloud region.

**Etrack Incident: 4107684**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
SSH Key authentication did not work in NetBackup instances on Flex.

**Etrack Incident: 4108823**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
External certificates were not updating the PAF web app in server.xml when removing the CA.

**Etrack Incident: 4108910**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Huawei was still listed in CloudProvider.src/xml after support for it was removed.

**Etrack Incident: 4109101**

- Associated Primary Etrack: 4099027
- Associated Service Request Etrack(s): 4099026

- **Description:**  
Replicated images imported from WORM storage were not expiring automatically when the retention lock was above the maximum for the storage.

**Etrack Incident: 4109534**

- **Associated Primary Etrack:** N/A
- **Associated Service Request Etrack(s):** N/A
- **Description:**  
The volume from a snapshot was not being deleted when the original storage class had a retain flag.

**Etrack Incident: 4110034**

- **Associated Primary Etrack:** N/A
- **Associated Service Request Etrack(s):** N/A
- **Description:**  
When NetBackup or Kubernetes operators attempted to communicate with each other during discovery, there was a scenario where an error was logged related to the certificate authority.

**Etrack Incident: 4110296**

- **Associated Primary Etrack:** 4110093
- **Associated Service Request Etrack(s):** 4110092
- **Description:**  
Java BAR GUI would hang when drilling into a directory structure after DR.

**Etrack Incident: 4110822**

- **Associated Primary Etrack:** 4109117
- **Associated Service Request Etrack(s):** 4109116
- **Description:**  
Object Listing returns empty objects when there are objects in bucket.

**Etrack Incident: 4111019**

- **Associated Primary Etrack:** 4096539
- **Associated Service Request Etrack(s):** 4096538
- **Description:**  
Snapshot and shares created on Isilon during DNAS backups were left behind and required manual cleanup.

**Etrack Incident: 4111463**

- Associated Primary Etrack: 4096539
- Associated Service Request Etrack(s): 4096538
- Description:  
Snapshot and shares created on Isilon during DNAS backups were left behind and required manual cleanup.

**Etrack Incident: 4111470**

- Associated Primary Etrack: 4096539
- Associated Service Request Etrack(s): 4096538
- Description:  
Snapshot and shares created on Isilon during DNAS backups were left behind and required manual cleanup.

**Etrack Incident: 4111814**

- Associated Primary Etrack: 4111323
- Associated Service Request Etrack(s): 4111322
- Description:  
After an upgrade to NetBackup 10.1.1, the web UI's VM tab showed "system error occurred" message.

**Etrack Incident: 4111928**

- Associated Primary Etrack: 4106412
- Associated Service Request Etrack(s): 4106411
- Description:  
Unable to install Snapshot Manager extensions on Azure Kubernetes Services (AKS).

**Etrack Incident: 4113988**

- Associated Primary Etrack: 4114184
- Associated Service Request Etrack(s): 4114183
- Description:  
If location constraint is applied, then global snapshot creation failed, which in turn failed the restore.

**Etrack Incident: 4114315**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:

Currently in the web UI, auto-discovery interval for Kubernetes was set to 30 minutes by default, but the default was not displayed. Also, the value could not be set in minutes (only in hours) and could not be returned to the default 30 minutes.

**Etrack Incident: 4114367**

- Associated Primary Etrack: 4113904
- Associated Service Request Etrack(s): 4113903
- Description:  
Key Management System (KMS) database filed fail to backup during catalog backup, exiting with status 144.

**Etrack Incident: 4114445**

- Associated Primary Etrack: 4113337
- Associated Service Request Etrack(s): 4113336
- Description:  
Backup previously successful for one subscription later started failing after extending permission to other subscriptions through the Azure web portal.

**Etrack Incident: 4114451**

- Associated Primary Etrack: 4111476
- Associated Service Request Etrack(s): 4111475
- Description:  
Restores failed to original storage class used at the time of backup.

**Etrack Incident: 4114795**

- Associated Primary Etrack: 4108537
- Associated Service Request Etrack(s): 4108536
- Description:  
Error code 4213 (Snapshot import failed) received on Oracle database backup made by snapshot client/CloudPoint.

**Etrack Incident: 4114854**

- Associated Primary Etrack: 4110412
- Associated Service Request Etrack(s): 4110411
- Description:  
AWS replications failed with error "exceeded max request time '14400 s'".

**Etrack Incident: 4114987**



- Associated Primary Etrack: 4114098
- Associated Service Request Etrack(s): 4114097
- Description:  
Automation generated false positive reports.

**Etrack Incident: 4115213**

- Associated Primary Etrack: 4114645
- Associated Service Request Etrack(s): 4114644
- Description:  
Missing timezone files caused nbwmc to go down after upgrade to NetBackup 10.2.

**Etrack Incident: 4115374**

- Associated Primary Etrack: 4115368
- Associated Service Request Etrack(s): 4115367
- Description:  
NetBackup 10.2 upgrade failed to migrate the Sybase database.

**Etrack Incident: 4116464**

- Associated Primary Etrack: 4113090
- Associated Service Request Etrack(s): 4113088
- Description:  
New anomaly extension `nbaneximgexp` binary for Flex.

**Etrack Incident: 4117010**

- Associated Primary Etrack: 4114791
- Associated Service Request Etrack(s): 4114790
- Description:  
NAS-Data-Protection policy failed after Snapcenter Management Server upgrade.

**Etrack Incident: 4117104**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Silent client installs on Windows did not prevent installs of older versions of NetBackup clients.

**Etrack Incident: 4117182**

- Associated Primary Etrack: 4116771
- Associated Service Request Etrack(s): 4116770
- Description:  
With NBAC configured, the `bpstulist` command experienced a core dump when executed under a non-root NBAC user.

**Etrack Incident: 4117609**

- Associated Primary Etrack: 4117165
- Associated Service Request Etrack(s): 4117164
- Description:  
Unable to successfully register Azure plugin to the Germany West Central region, receiving 'Failed to connect Authentication' error message.

**Etrack Incident: 4117850**

- Associated Primary Etrack: 4107523
- Associated Service Request Etrack(s): 4107522
- Description:  
Image cleanup failed with WORM lock error.

**Etrack Incident: 4118692**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Timestamps in audit records exported to syslog were not included.

**Etrack Incident: 4120210**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Failed to backup PVC with a name longer than 63 characters.

**Etrack Incident: 4120366**

- Associated Primary Etrack: 4120167
- Associated Service Request Etrack(s): 4120166
- Description:  
CloudPoint backups would hang for all subscriptions if the permissions were not current for every subscription.

**Etrack Incident: 4120778**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
AWS DynamoDB restore jobs failed.

**Etrack Incident: 4121792**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Secret with API key was not mandated as a prerequisite before Helm install.

**Etrack Incident: 4122039**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
The `WebsvcPasswordCheck` process did not work as expected when a non-local user was used.

**Etrack Incident: 4122361**

- Associated Primary Etrack: 4122362
- Associated Service Request Etrack(s): 4122361
- Description:  
Internal server error occurred while sending message.

**Etrack Incident: 4123363**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Assets API ignored the zero if COS account name started with 0.

**Etrack Incident: 4123428**

- Associated Primary Etrack: 4122115
- Associated Service Request Etrack(s): 4122114
- Description:  
No 'Backup from Snapshot' job was generated for a 43TB PVC.

**Etrack Incident: 4123466**

- Associated Primary Etrack: 4123180
- Associated Service Request Etrack(s): 4123179
- Description:  
Error message in logs did not identify the queue: ERROR - Queue is empty.

**Etrack Incident: 4123764**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Needed to add support for MSDP cloud on SLES.

**Etrack Incident: 4123936**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Code changes to add BMR support for RHEL 9.2 client/boot server was needed.

**Etrack Incident: 4125573**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
`nbcheck` needed to confirm port 1556 availability for a NetBackup client to be able to connect to a primary server.

**Etrack Incident: 4125753**

- Associated Primary Etrack: 4123180
- Associated Service Request Etrack(s): 4123179
- Description:  
Web UI did not provide a proper message that an asset was deleted.

**Etrack Incident: 4126796**

- Associated Primary Etrack: 4126149
- Associated Service Request Etrack(s): 4126148
- Description:  
NetBackup queue messaging broker failed to start while configuring ECA after an upgrade.

**Etrack Incident: 4127259**

- Associated Primary Etrack: 4126767
- Associated Service Request Etrack(s): 4126766
- Description:  
For Cloud Scale, the subscriber failed after two tries.

**Etrack Incident: 4129409**

- Associated Primary Etrack: 4117876
- Associated Service Request Etrack(s): 4117875
- Description:  
NetBackup Snapshot Manager: the size of messages file grew rapidly as SE Linux generated logs.

**Etrack Incident: 4129431**

- Associated Primary Etrack: 4122192
- Associated Service Request Etrack(s): 4122191
- Description:  
Snapshot failed in bulk when run parallelly using CIG.

**Etrack Incident: 4129437**

- Associated Primary Etrack: 4113471
- Associated Service Request Etrack(s): 4113472
- Description:  
SSL Handshake issue occurred while adding plugin in CloudScale deployment and registering Kubernetes extension.

**Etrack Incident: 4129819**

- Associated Primary Etrack: 4125641
- Associated Service Request Etrack(s): 4125640
- Description:  
NetBackup 10.2.0.1 nbcplugs did not create NetBackup storage unit as expected.

**Etrack Incident: 4130336**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Unable to restore from a universal share.

**Etrack Incident: 4130462**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
When the NetBackup user was non-root and was creating MSDP at a Linux with no sudo tool installed, MSDP failed to be created.

**Etrack Incident: 4130870**

- Associated Primary Etrack: 4115773
- Associated Service Request Etrack(s): 4115772
- Description:  
Images failed to be WORM-locked due to invalid max time.

**Etrack Incident: 4131012**

- Associated Primary Etrack: 4120105
- Associated Service Request Etrack(s): 4120104
- Description:  
Error occurred while changing cloud throttling available bandwidth: Unable to fetch Scalable Storage Settings: unable to process request (228).

**Etrack Incident: 4131931**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
API returned "Server configuration not found in NetBackup" error incorrectly due to a pagination error in the API.

# EEBs and other known issues resolved in NetBackup 10.2.0.1

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 10.2.0.1](#)
- [Other known issues resolved in NetBackup 10.2.0.1](#)

## Previous EEBs now resolved in NetBackup 10.2.0.1

[Table 4-1](#) contains a listing of known issues with NetBackup that were identified, fixed, and made available to customers in the form of an emergency engineering binary (EEB). NetBackup 10.2.0.1 resolves the issues that were fixed with each of these EEBs.

More information on the Etracks that are listed in this topic (and any other service request Etrack) can be found on the [Veritas Services and Operations Readiness Tools \(SORT\)](#) website.

**Table 4-1** Previous EEBs now resolved in NetBackup 10.2.0.1

Etrack Number	EEB Description
3981133, version 37, 36	The EEB bundle contains fixes for MSDP issues on NetBackup 8.2
3984936	Migrated and pre-migrated files are skipped in the backup.

**Table 4-1** Previous EEBs now resolved in NetBackup 10.2.0.1 (*continued*)

Etrack Number	EEB Description
3987773	bpbkar skips backup of GPFS migrated and pre-migrated files.
4010093	Backups fail with EEB installed and with more than 4000 files in the backup.
4033971, version 11	The EEB bundle contains fixes for MSDP issues on NetBackup 9.0.0.1
4068286	Remote Admin Console hangs on NetBackup Service Layer (NBSL) while connecting to primary server.
4086519	Migrated and pre-migrated files are skipped in the backup.
4091938, version 1	Unable to send mails configured in the web UI via TLS
4092298	Cleanup WAL archives after FULL backup are not working.
4094997	Provides Apache Tomcat 9.0.69 upgrade for NetBackup 8.3.0.1 to mitigate CVE-2022-42252.
4096609	Skipping migrated and pre-migrated files in the backup causes performance degradation.
4098090	Differential incremental backup (INCR) with Archive bit-based is successful, but some files are not backed up, and the Archive bit of these files are cleared.
4099014	The nbdb_unload command fails to generate the schema output when run as part of the NBSU execution due to lack of permissions on the NBSU output folder.
4100421	Unable to write progress log
4101522	BMR Restore fails to map /boot on new hardware
4103181	Remote Admin console hangs while connecting to primary server.
4104456	Slow backups and jobs queuing each night and storage servers all marked as DOWN.
4105549	Unable to send mails configured in WebUI via TLS
4106205	Skipping migrated and pre-migrated files in the backup causes performance degradation.
4106725	Cloud Object Store protection - restore from tape failure
4106801	NetBackup Java Console is slow when NetBackup Access Control (NBAC) is enabled.
4107419	spring framework update 5.3.27 ,Spring Security Web to 5.7.8, commons text to 1.10 ,commons-fileupload to 1.5 and snakeyaml usages from servicelocatorimpl
4107445	spring framework update 5.3.27 , commons text 1.10 and snakeyaml usages from servicelocatorimpl
4108386	DNAS backup fails due to bpbkar crash on backup host



**Table 4-1** Previous EEBs now resolved in NetBackup 10.2.0.1 (*continued*)

Etrack Number	EEB Description
4108529	The Japanese message does not appear after the expiration operation on the backup image of the WORM storage unit.
4108999	BMR Restore fails to map /boot on new hardware
4109162	BMR Restore fails to map /boot on new hardware
4109223	BMR Restore fails to map /boot on new hardware
4109586	BMR Restore fails to map /boot on new hardware
4109623	Jobs fail with error codes 83, 84, 2074, 2106 during backup windows in midnight. Curl calls to primary server fail to connect to PBX for some interval which cause backup failure. The connection to PBX starts to work again after some interval.
4109766	BMR Restore fails to map /boot on new hardware
4110392	Performance optimization for DNAS SMB backups.
4110432	NetBackup 10.1 client backups may fail with status-code 8314.
4110459	Provides upgrade to Apache Tomcat 9.0.71 or later.
4110553	Initiating Kubernetes delete backup request fails with error code: 130
4111653	Permissions not restored for directories and subdirectories on alternate path
4111676	Provides Apache Tomcat version 9.0.73 to mitigate CVE-2023-24988.
4111737	Backup failed for MariaDB database with error 'Failed to get pointer to function mysql_library_end'.
4112110	Provides Apache Tomcat 9.0.73 or later to mitigate CVE-2023-28708
4112265	Teradata backups fail because they are unable to load or reference symbols in XBSA library.
4112371	Provides Apache Tomcat 9.0.73 or later to mitigate CVE-2023-28708 for NetBackup 9.1.0.1.
4112405	VMware agentless restore with NetBackup 10.1.1 to a Windows Server 2022 virtual machine fails with status 2820.
4112632	Provides Apache Tomcat 9.0.73 or later to mitigate CVE-2023-28708 for NetBackup 9.0.0.1.
4112731	Provides upgrade to Apache to 9.0.73 or later for NetBackup 10.0.0.1 to mitigate CVE-2023-24998.
4112909	Provides Apache Tomcat version 9.0.73 to mitigate CVE-2023-28708.

**Table 4-1** Previous EEBs now resolved in NetBackup 10.2.0.1 (*continued*)

Etrack Number	EEB Description
4113145	NDMP Restore fails for paths with special characters
4113668	bnpbat WEB login fails for Active Directory user as it is unable to save the authentication token.
4113805	Provides Apache Tomcat 9.0.74 for NetBackup 10.2 to mitigate CVE-2023-24998.
4113874	The nbdb_unload command fails to generate the schema output when run as part of the NBSU execution due to lack of permissions on the NBSU output folder.
4113891	Snapshot error 156 encountered.
4114110	Oracle Recovery Points are missing.
4114363	Provides Kerberos 1.20.1 upgrade.
4114364	This EEB contains security fixes
4114365, version 1	This EEB contains security fixes
4114501	Excluding deleted assets from Kubernetes intelligent groups.
4114792	Remote Admin console hangs while connecting to primary server via Admin Network
4114801	Provides JRE 8u371 upgrade for RHEL 9.1.0.1.
4114925, version 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 10.2.
4115056	This is an EEB Package for Security updates
4115329	No Backup From Snapshot job gets triggered for PVC with a size 40TB or more
4115735	After upgrade to NetBackup 10.2, jobs are sitting in queued state
4115862, version 1	Cannot save existing VMware policy in Web UI, it was created in Java Console.
4115893	NetBackup 10.2 client install causes non-NetBackup Postgres to stop working.
4115990, version 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 10.1.1.
4116100, version 1	spring framework update 5.3.24 ,Spring Security Web to 5.7.6, commons text 1.10 and snakeyaml usages from servicelocatorimpl ,While updating Exchange credentials in Netbackup JAVA GUI, lag/hang seen on Primary(WebService)
4116111	Replication job for cloud snapshots run sequentially instead of running in parallel. It is expected to run 5 job in parallel when large numbers of workloads, snapshots and replications run.

**Table 4-1** Previous EEBs now resolved in NetBackup 10.2.0.1 (*continued*)

Etrack Number	EEB Description
4116916, version 1	An error occurs while registering the NetBackup primary server with Veritas Alta View after using the proxy server.
4117068, version 1	Kubernetes backup job fails for deleted namespaces in intelligent group.
4117775	Kubernetes intelligent group does not skip deleted namespaces while backup.
4117873	VMware agentless restore with NetBackup 10.2 to a Windows Server 2022 virtual machine fails with status 2820.
4118032	Provides Apache Tomcat 9.0.74 or later to mitigate CVE-2023-24998.
4118534	Provides Apache Tomcat 9.0.75 or later to mitigate CVE-2023-24998.
4119709	Provides Apache Tomcat 9.0.74 or later to mitigate CVE-2023-24998.

## Other known issues resolved in NetBackup 10.2.0.1

### Etrack Incident: 4111929

- Associated Primary Etrack: 4106412
- Associated Service Request Etrack(s): 4106411
- Description:  
Unable to install NetBackup Snapshot Manager 10.1 extensions on Azure Kubernetes Service (AKS).

### Etrack Incident: 4114285

- Associated Primary Etrack: 4113471
- Associated Service Request Etrack(s): 4113472
- Description:  
PVM-1906 fix.

### Etrack Incident: 4115057

- Associated Primary Etrack: 4111476
- Associated Service Request Etrack(s): 4111475
- Description:  
PVCs were restored with different storage classes other than that were backed up.

**Etrack Incident: 4115211**

- Associated Primary Etrack: 4114645
- Associated Service Request Etrack(s): 4114644
- Description:  
Missing time zone files caused NetBackup Web Management Console service (nbwmc) to fail after upgrade to NetBackup 10.2.

**Etrack Incident: 4115370**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Upgrade to NetBackup 10.2 failed and rolled back because it was unable to unload `NBAZDB.db`.

**Etrack Incident: 4115390**

- Associated Primary Etrack: 4115368
- Associated Service Request Etrack(s): 4115367
- Description:  
Unable to create or upgrade the NetBackup database from Sybase to PostgreSQL.

**Etrack Incident: 4117004**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
When IPv6 is disabled on the setup, the flexsnap-nginx container is in restarting state after NetBackup Snapshot Manager (NBSM) deployment.

**Etrack Incident: 4117159**

- Associated Primary Etrack: 4116771
- Associated Service Request Etrack(s): 4116770
- Description:  
With NetBackup Access Control (NBAC) configured, the `bpstulist` command experiences core dumps when executed under a non-root NBAC user.

**Etrack Incident: 4117407**

- Associated Primary Etrack: 4116964
- Associated Service Request Etrack(s): 4116963

- **Description:**  
The PostgreSQL Bouncer connection pooler (pgbouncer) failed to start because `resolv.conf` file was missing.

# EEBs and other known issues resolved in NetBackup 10.2

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 10.2](#)
- [Other known issues resolved in NetBackup 10.2](#)

## Previous EEBs now resolved in NetBackup 10.2

[Table 5-1](#) contains a listing of known issues with NetBackup that were identified, fixed, and made available to customers in the form of an emergency engineering binary (EEB). NetBackup 10.2 resolves the issues that were fixed with each of these EEBs.

More information on the Etracks that are listed in this topic (and any other service request Etrack) can be found on the [Veritas Services and Operations Readiness Tools \(SORT\)](#) website.

**Table 5-1** Previous EEBs now resolved in NetBackup 10.2

Etrack Number	EEB Description
3973251	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
3992265	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.

**Table 5-1** Previous EEBs now resolved in NetBackup 10.2 (*continued*)

Etrack Number	EEB Description
3996205	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
3999214	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
4020029	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
4042999	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
4047040, version 24, 23, 22, 21, 20	The EEB bundle contains fixes for MSDP issues on NetBackup 9.1.0.1
4049731	CDP - slow backups for big machines
4054927	Exchange GRT backups fails with error 'OPEN DATABASE FAILED: -510 There was a failure writing to the log file'
4056627	Exchange GRT Backup completes with status code 1
4056674	Import Volume groups option is grayed out and unchecked. The expected behavior should be 'Make available volumes on non-restored disks after the system is restored' option be grayed out and always enabled for Windows LDM clients.
4056844	Exchange GRT backups return status 1 due to a Jet error in the granular phase of the backup. The problem is intermittent.
4060819	MySQL database backup does not delete the snapshots after the backup completes.
4063094	nbwin.exe fails when restoring a Hyper-V client using 'Start Restore of Marked Files' button in BAR.
4064571	Failure alert mail is not getting generated from OpsCenter.
4069343	Exchange backups failing with error message status 1
4070421, version 8, 7	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 10.0 (DD 16.0).
4070535, version 5, 4	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 10.0 for containers
4070736	Schedules are deleted when using Summary to modify.
4071624	MySQL restore fails on creating directory - Error creating the database directory.
4073293, version 9, 8	Updates Log4j JARs to 2.17.1, Spring JARs to 5.3.20, Jackson databind JARs to 2.13.2.2, HttpClient JARs to 4.5.13, Commons Text to 1.10.0, Shiro updated to 1.11.0.

**Table 5-1** Previous EEBs now resolved in NetBackup 10.2 (*continued*)

Etrack Number	EEB Description
4073422	Granular processing fails occasionally for Exchange backup.
4075538, version 3, 2	Updates Log4j JARs to 2.17.1, Spring JARs to 5.3.20, and Shiro JARs to 1.11.0
4076448	OpsCenter 10.0 Operational Restore searches do not complete, or return full results.
4078046, version 3, 2	Spring, Jackson databind and httpclient update.
4078559	Multibyte characters wider than 2 bytes in file names on NTFS file systems inside virtual machines are not correctly encoded during VMware backups and may result in backup failures.
4078688, version 5, 4	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 10.0.0.1
4078967	Exchange GRT Backup completes with status code 1
4082079	EEB to support NetBackup v9.1.0.1 FTMS instance running on Flex Appliance 3
4082080	This EEB provides support for NetBackup v10 FTMS instance running on Flex Appliance 3.
4082423	ADAM GRT fails with status code 1.
4083862	NetBackup Hyper-V reference points are not cleaned up in VMCX files.
4084521	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 9.1.0.1 (DD 15.0.2)
4084982	Failure alert mail is not getting generated from OpsCenter.
4085095	This EEB provides security fixes.
4085096	This EEB provides security fixes.
4085371	Updates Spring jars to 5.3.20 , updates Commons Text jars to 1.10.0 and updates Shiro to 1.10.0.
4085396	Upgrades Spring JARs to 5.3.20.
4085596	bpbkar does not exit immediately if the universal share file list fails.
4085919	nbcallhomeproxyconfig starts and allows entry and testing of a new proxy configuration, but is unable to save new configurations or to load or test existing configurations.
4087028	Remove WAR files from media servers.
4087229, version 1	This EEB provides security fixes.
4087334, version 1	Security fixes V3
4088377	Kubernetes cluster validation on NetBackup fails.



**Table 5-1** Previous EEBs now resolved in NetBackup 10.2 (*continued*)

Etrack Number	EEB Description
4088549	Image compression performed after the catalog backup expires fails with 'No dotf file'.
4089161	Duplication Failure due to leftover bpdm process consuming MSDP Worker Threads
4089167	This EEB resets the old values of variables.
4089612, version 1	If a SAML document has been submitted past 'NotOnOrAfter' field value under 5 minute, then the SAML document will be accepted and the user is able to login.
4089616	OpsCenter 10.0.0.1 Operational Restore searches do not complete, or return full results.
4089635, version 1	This EEB provides security fixes.
4090050	After a catalog backup, sometimes the anomaly detection service fails to start automatically.
4090059	When creating oracle policy, the 'new' button on backup selection tab is not working.
4090121	This EEB provides security fixes.
4090126, version 1	This EEB provides security fixes.
4090149, version 1	This EEB provides security fixes.
4090152	This EEB provides security fixes.
4090153, version 1	This EEB provides security fixes.
4090309	VxUL logging parameter NumberOfLogFiles is not being honored. It results in accumulation of PBX log files, which fills up system space.
4090775, version 1	This EEB provides security fixes.
4090866, version 1	This EEB provides security fixes.
4090883	SQL Server backup images have conflicting metadata if created in the same second for the same database. This prevents the Netbackup SQL GUI from being able to find backup chain.
4090915	Issue with browsing images after unarchiving catalog images in NetBackup 10.0.0.1.
4090991	Shared VPC is not visible while restoring backup copy.
4091028	CLIENT_WRITE_TIMEOUT not required anymore.
4091687	The All Failed Backups report is not showing all failed jobs
4091698	This is an EEB Package for Security updates.
4091734, version 5, 4	EEB bundle contains fixes for MSDP issues on NetBackup 10.1.

**Table 5-1** Previous EEBs now resolved in NetBackup 10.2 (*continued*)

Etrack Number	EEB Description
4091758	This EEB provides security fixes.
4091883	Security fixes for 8.2 client
4092019	Nutanix AHV backup fails with status 144
4092071, version 2	Using ExaGrid OST while performing optimized duplication in NetBackup 10.1 is not working.
4092332	FTMS support for NetBackup instance running on Flex 3
4092505	MySQL restore fails on creating directory - Error creating the database directory.
4092513, version 1	The NetBackup Administration Console displays "cannot connect on socket(25)" error when clicking on "Policies" the first time.
4092654	SQL Server backups using client encryption fail with status code 42.
4092988	Updates JRE to version 351.
4093229	NetBackup Hyper-V reference points are not cleaned up in VMCX files.
4093315	bpps.exe lists non-NetBackup process, so NetBackup is not able to verify if NetBackup is down. This prevents upgrades and EEB installation.
4093459	nbcallhomeproxyconfig starts and allows entry and testing of a new proxy configuration, but is unable to save new configurations or to load or test existing configurations.
4093592	The Oracle Copilot backup failed due to issue in brash setup in DD 16.0.
4093944	Updates Apache Tomcat to 9.0.69 for NetBackup 10.1.
4094353	Upgrading to NetBackup 10 is very slow when updating the permissions on NetBackup files/folders.
4094447	The index from snapshot becomes very slow for Azure cloud virtual machine due to Azure APIs large fragmented virtual disk and bitmap creation process.
4094481	Updates Apache Tomcat to 9.0.68 for OpsCenter 10.0.0.1.
4094688	Upgrades WMC Apache Tomcat server to 9.0.69.
4094812	Updates JRE to version 351.
4094854	Oracle Copilot backup with instant access fails. Snapshot job is failing with error 144 and 13.
4094927	On backup, bpbkar crashes when server list is greater than or equal to 512 characters, reducing the server list size resulted in successful backups.

**Table 5-1** Previous EEBs now resolved in NetBackup 10.2 (*continued*)

Etrack Number	EEB Description
4094930	When creating an Oracle policy, the 'new' button on backup selection tab is not working.
4094988	Upgrades WMC Tomcat server to 9.0.69.
4095174	Updates Apache Tomcat to 9.0.68 for NetBackup 8.3.0.2.
4095269	When creating an Oracle policy, the 'new' button on the backup selection tab is not working.
4095357	Following the upgrade to 10.1, discovery and job failures are seen.
4095441	Exchange GRT backup fails with Status 1 (-510 and -1032)
4095526	Vpfs cron generates logrotate error every 5 minutes.
4095885	When creating an Oracle policy, the 'new' button on the backup selection tab is not working.
4096006	Can't update post rehydration period from the web UI or API when MSPD-C is configured with Recovery Vault Azure archive tier.
4096418	Exchange backups fail with error message status 1.
4096709	NetBackup fails to install on RHEL 8 if OS FIPS Mode is enabled.
4096739	VxUL logging parameter NumberOfLogFiles is not being honored. It results in accumulation of PBX log files, which fills up system space.
4096931	'Make available volumes on non-restored disks after the system is restore' is 'dimmed' and not editable.
4097109	Replication to DataDomain fails due to missing IM fragment.
4097139	A non-GRT (Granular Recovery Technology) Exchange restore fails.
4097290	Exchange restore Server status = 2810 MS-Exchange-Server policy restore error. Server status = 5
4097442	nbwin.exe fails when restoring a Hyper-V client using 'Start Restore of Marked Files' button in BAR.
4097645	In the NetBackup Administration Console, Volume Groups list may show duplicate rows and inconsistent information. Robotic inventory may fail with error 40.
4098142, version 1	Bundle EEB for resolving AIR replication job failures.
4098431	Upgrades WMC Tomcat server to 9.0.69.
4098591	Slow VM restores occur due to VM creation time.

**Table 5-1** Previous EEBs now resolved in NetBackup 10.2 (*continued*)

Etrack Number	EEB Description
4098620	MSDP-C disk pool creation issue.
4098725	Duplications DataDomain fails since upgrade to 10.1 if using a duplication copy as the source (not the backup as source). This is for User Archive Backups.
4098770	This EEB bundle addresses performance issues with universal shares.
4098929	Updates NetBackup Solaris installers to handle Solaris 10 patch version correctly.
4099080	Updates Apache Tomcat to 9.0.70 for NetBackup 10.0.0.1.
4099317	While updating Exchange credentials in NetBackup Administration Console, a lag is seen on Primary (WebService).
4099411	The NetBackup Administration Console hangs in Bare Metal Restore Resources Packages node.
4099431	Updates Apache Tomcat to 9.0.70
4099639	AHV restore with OverWrite option fails since upgrade to 10.0.0.1 when iSCSI DataServices IP is not configured.
4099693	Updates Apache Tomcat to 9.0.70 for NetBackup 10.1.
4099822	Upgrades WMC Apache Tomcat server to 9.0.70.
4100002	NetBackup for Kubernetes with Certificate errors.
4100042	Provides JRE 8u351 for OpsCenter Server and OpsCenter ViewBuilder.
4100047	This EEB removes /etc/cron.d/vpfs_monitor.cron from Linux clients using a VxUpdate package.
4100650, version 3	Oracle Backup fails with 87 Error - Failed to write to spool on storage server (unknown error).
4100934	Exchange backups are locking the AD service accounts.
4101308	NetBackup Administration Console hangs in BMR-Resources-Packages due to changes made to support Windows 2022 OS.
4101833	Updates Apache Tomcat to 9.0.70 for NetBackup 10.1.1.
4101835	Updates Apache Tomcat to 9.0.70 for Flex.
4101854	Updates Apache Tomcat to 9.0.70 OpsCenter 10.0.0.1
4102253	Oracle Backup fails with 87 Error - Failed to write to spool on storage server (unknown error).

**Table 5-1** Previous EEBs now resolved in NetBackup 10.2 (*continued*)

Etrack Number	EEB Description
4102406, version 1	This EEB bundle contains fixes for MSDP issues on NetBackup 10.1.1.
4102476, version 1	This EEB bundle contains fixes for MSDP issues on NetBackup 10.0.0.1.
4102746	Problem entering credentials under Host Properties for Exchange: the web service stops working and the Primary server needs to have the NetBackup services restarted.
4102855	Updates Apache Tomcat to 9.0.71.
4103846	AWS WORM: Many more verify operations than uploads, ocsd high CPU use and slow upload performance causing on-premise storage to fill.
4103855	A non-GRT (Granular Recovery Technology) Exchange restore fails.
4103915	When entering credentials under Host Properties for Exchange, the web service stops working and the Primary server needs to have the NetBackup services restarted.
4103918	The nbdelete command is very slow on ADV Pool.
4104406	For multiple vpfs instance, Oracle Copilot snapshots fail (156 Snapshot error encountered) if ushare is NOT on default vpfs instance /mnt/vpfs.
4104439	For multiple vpfs instance, Oracle Copilot snapshots fail (156 Snapshot error encountered) if ushare is NOT on default vpfs instance /mnt/vpfs.
4104543	Image compression after catalog backup expires fails with 'No dotf file'.
4105018	Optimized duplication fail for some OST partners.
4105426	Following the upgrade to 10.1, AIR replication jobs fail with 'NB image database contains no image fragments for requested backup id/copy number'
4106194	Unauthorized users can execute NetBackup CLIs in NBAC automatic mode - Legacy daemons [bpcd].
4106197	This EEB provides security fixes.
4106357, version 1	MSDP preferred EEB bundle for container images; NetBackup version 10.1.1
4106533, version 1	This EEB bundle contains fixes for MSDP issues on NetBackup 10.0.0.1.
4106916	Updates Apache Tomcat to version 9.0.71.
4107357	Upgrades Python version in CBR package.
4107364	Updates libarchive version to 3.6.2.
4107365	Updates libarchive version.

**Table 5-1** Previous EEBs now resolved in NetBackup 10.2 (*continued*)

Etrack Number	EEB Description
4107366	Updates libarchive version
4107419	Upgrades Spring Framework to 5.3.24, Spring Security Web to 5.7.6, Commons Text 1.10 and snakeyaml usages from servicelocatorimpl.
4107426	This EEB provides security fixes
4107445	Spring Framework update 5.3.24, Spring Security Web to 5.7.6, Commons Text 1.10 and snakeyaml usages from servicelocatorimpl.
4107448, version 1	This EEB provides security fixes.
4107461	Red Hat Virtualization (RHV) logs grow large due to NetBackup snapshots.
4107466	This EEB provides security fixes.
4107468	This EEB provides security fixes.
4107470	This EEB provides security fixes.
4107514	In the NetBackup Administration Console, Volume Groups list may show duplicate rows and inconsistent information. Robotic inventory may fail with error 40.
4107567	This EEB provides security fixes.
4107568	This EEB provides security fixes.
4107823	VxUL logging parameter NumberOfLogFiles is not being honored. It results in accumulation of PBX log files, which fills up system space.
4108868	EEB contains Apache Tomcat 9.0.71 binaries.
4109789	Updates Apache Tomcat to 9.0.71.
4111376	nbdb_unload performs poorly
4111377	nbdb_unload performs poorly
4111378	nbdb_unload performs poorly
4111379	nbdb_unload performs poorly
4111380	nbdb_unload performs poorly
4111381	nbdb_unload performs poorly
4111382	nbdb_unload performs poorly
4111387	nbdb_unload performs poorly

**Table 5-1** Previous EEBs now resolved in NetBackup 10.2 (*continued*)

Etrack Number	EEB Description
4111388	nbdb_unload performs poorly
4111389	nbdb_unload performs poorly
4111390	nbdb_unload performs poorly
4111394	nbdb_unload performs poorly
4111395	nbdb_unload performs poorly
4112070	This EEB provides security fixes.
4112255	Red Hat Virtualization backup parent jobs hang because of infinite loop caused by old values in variable.

## Other known issues resolved in NetBackup 10.2

### **Etrack Incident: 4082806**

- Associated Primary Etrack: 4080634
- Associated Service Request Etrack(s): 4080633
- Description:  
Fresh install of NBU 10 broke after installing JRE 8u333 on a Windows 2019 server.

### **Etrack Incident: 4087408**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Access denied when setting the WORM retention on an image.

### **Etrack Incident: 4088510**

- Associated Primary Etrack: 4086589
- Associated Service Request Etrack(s): 4086588
- Description:  
AIR imports were not occurring due to an invalid LSU for the storage server.

### **Etrack Incident: 4090369**

- Associated Primary Etrack: N/A

- Associated Service Request Etrack(s): N/A
- Description:  
CLI-JWT authorization failed for bpbackup, bprestore commands.

**Etrack Incident: 4091135**

- Associated Primary Etrack: 4088099
- Associated Service Request Etrack(s): 4088098
- Description:  
Issues installing CloudPoint from Marketplace occurred when AWS Control Tower is in use.

**Etrack Incident: 4091296**

- Associated Primary Etrack: 4090296
- Associated Service Request Etrack(s): 4090294
- Description:  
CloudPoint install failed if the hostname was greater than 63 characters.

**Etrack Incident: 4091407**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Jobs failed with status codes 129 and 84, indicating no space left on the device, when plenty of available space was available according to df -h and dsstat.

**Etrack Incident: 4092670**

- Associated Primary Etrack: 4100096
- Associated Service Request Etrack(s): 4100097
- Description:  
MS-Windows policy allowed selection of Granular Restore when not doing Active Directory backups.

**Etrack Incident: 4092836**

- Associated Primary Etrack: 4090489
- Associated Service Request Etrack(s): 4090488
- Description:  
CLIENT\_NAME value within NBInstallAnswers file was not honored during install if it was not the primary hostname of the server.

**Etrack Incident: 4093020**



- Associated Primary Etrack: 4092698
- Associated Service Request Etrack(s): 4092697
- Description:  
Backup from a snapshot job failed with a status 11 "System Call Failed".

**Etrack Incident: 4094357**

- Associated Primary Etrack: 4093155
- Associated Service Request Etrack(s): 4093154
- Description:  
HNAS Plugin did not log the payload and the API call at debug level for ease of debugging.

**Etrack Incident: 4094569**

- Associated Primary Etrack: 4092698
- Associated Service Request Etrack(s): 4092697
- Description:  
Provision for setting the HTTP and HTTPS proxy with a Kubernetes deployment was missing.

**Etrack Incident: 4094849**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Security fix.

**Etrack Incident: 4095023**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Image incorrectly flagged as non-optimized.

**Etrack Incident: 4095914**

- Associated Primary Etrack: 4101079
- Associated Service Request Etrack(s): 4101078
- Description:  
AKS marketplace deployment failed with error "Adding certificates not required Registering and setting the cloud Cloud is already registered Registering and setting the cloud completed Illegal number of parameters."

**Etrack Incident: 4096185**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
An issue occurred related to the limit for MSDP replication memory usage for FlexScale when P/S cache is enabled.

**Etrack Incident: 4096309**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Nutanix-AHV: VM was not restorable if it was secure-boot enabled.

**Etrack Incident: 4096512**

- Associated Primary Etrack: 4095763
- Associated Service Request Etrack(s): 4095762
- Description:  
During backup of snap from Hitachi plugin, the Hitachi HNAS Access Configuration file was modified.

**Etrack Incident: 4096584**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Provides support for a prompt message asking user to provide credential and through stdin without showing anything on screen for better security.

**Etrack Incident: 4097350**

- Associated Primary Etrack: 4096446
- Associated Service Request Etrack(s): 4096445
- Description:  
Unable to log into the NetBackup Administration Console after going full ECA mode (status 186) (with Single Sign-on).

**Etrack Incident: 4097850**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A

- Description:  
BMR RHEL 9.0 proliferation.

**Etrack Incident: 4098204**

- Associated Primary Etrack: 4096825
- Associated Service Request Etrack(s): 4096824
- Description:  
Multiple container file systems became full. LSYNCD.LOG file consumed all the space on `/var/lib/docker/overlay2/`.

**Etrack Incident: 4098687**

- Associated Primary Etrack: 4096986
- Associated Service Request Etrack(s): 4096985
- Description:  
NetBackup 8.3.0.1 - Upgrade to 10.0.0.1: Precheck failed with `java_key_store` issue.

**Etrack Incident: 4099213**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
MSDP 18.0, which has audit event, caused AIR event backlog forever when running with MSDP 17.1 media server, which doesn't recognize audit event.

**Etrack Incident: 4099978**

- Associated Primary Etrack: 4099143
- Associated Service Request Etrack(s): 4099141
- Description:  
Logging issues regarding "missing SLP".

**Etrack Incident: 4100160**

- Associated Primary Etrack: 4095996
- Associated Service Request Etrack(s): 4095995
- Description:  
Missing support to configure the log size and rollover policy for CloudPoint service logs.

**Etrack Incident: 4100197**

- Associated Primary Etrack: 4100065

- Associated Service Request Etrack(s): 4100064
- Description:  
Restore from Snapshot of SMB share to a Linux host did not restore files to the user specified location.

**Etrack Incident: 4100814**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
The correct event was not deleted when determined to be invalid.

**Etrack Incident: 4101655**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Issues occurred with Kubernetes cluster validation flow for backupservercert.

**Etrack Incident: 4103949**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
RHEL 9.1 srt creation failed.

**Etrack Incident: 4105595**

- Associated Primary Etrack: 4101187
- Associated Service Request Etrack(s): 4101186
- Description:  
BFS failed for cross-account with AWS Gov cloud region.

**Etrack Incident: 4105825**

- Associated Primary Etrack: 4102781
- Associated Service Request Etrack(s): 4102780
- Description:  
Catalog backup size suddenly dropped from 1.63 TB to 199.3 GB.

**Etrack Incident: 4106389**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A

- Description:  
Server API for vrtsAtAddLdapDomain() logged LDAP domain Admin password in clear text.

**Etrack Incident: 4106604**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Could not remove approximately 30 images on a Flex WORM STS instance.

**Etrack Incident: 4106986**

- Associated Primary Etrack: 4099085
- Associated Service Request Etrack(s): 4099084
- Description:  
DNAS export snapshot operation failed with "Snapshot export failed. Failed to export snapshot. Error: Could not complete the request: Error: Failed to add permissions for exported cifs share: home\$ Error: 'list' object is not callable."

**Etrack Incident: 4107683**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
SSH Key authentication failed in NetBackup instances on Flex.

**Etrack Incident: 4108197**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
MSDP EEB install on 5.0.0.1 MR2 appliance calling update\_install\_folder\_perms took a long time to run.

**Etrack Incident: 4108465**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Could not remove approximately 30 images on a Flex WORM STS instance.

**Etrack Incident: 4108908**

- Associated Primary Etrack: N/A

- Associated Service Request Etrack(s): N/A
- Description:  
Removed Huawei from `CloudProvider.src/xml`.

**Etrack Incident: 4108911**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Removed Huawei from `CloudProvider.src/xml`.

**Etrack Incident: 4109902**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
When the original storage class has a retain flag, the Volume from the snapshot was not being deleted.

**Etrack Incident: 4111112**

- Associated Primary Etrack: 4096539
- Associated Service Request Etrack(s): 4096538
- Description:  
Snapshot and shares created on Isilon during DNAS backups were left behind and required manual cleanup.

**Etrack Incident: 4111554**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Unable to login in to the NetBackup Web UI using SSO due to error "NoClassDefFoundError."

# EEBs and other known issues resolved in NetBackup 10.1.1

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 10.1.1](#)
- [Other known issues resolved in NetBackup 10.1.1](#)

## Previous EEBs now resolved in NetBackup 10.1.1

[Table 6-1](#) contains a listing of known issues with NetBackup that were identified, fixed, and made available to customers in the form of an emergency engineering binary (EEB). NetBackup 10.1.1 resolves the issues that were fixed with each of these EEBs.

More information on the Etracks that are listed in this topic (and any other service request Etrack) can be found on the [Veritas Services and Operations Readiness Tools \(SORT\)](#) website.

**Table 6-1** Previous EEBs now resolved in NetBackup 10.1.1

Etrack Number	EEB Description
4027944	VMware snapshot is not deleted after backup.
4038500	VMware snapshot job returns status 1 invalid command parameter.
4039534	Activity Monitor shows correct size of backup, but total number of files is wrong

**Table 6-1** Previous EEBs now resolved in NetBackup 10.1.1 (*continued*)

Etrack Number	EEB Description
4050903	With HPE storage, snapshot delete operation is triggering creation of extra volumes, which is consuming the space on storage.
4050976	Multiple bpcIntcmd.exe processes hang and accumulate until the client's memory is exhausted, causing production outages on clients.
4052996	Netbackup AHV backups intermittently fail with status 6.
4055084, version 8, 7, 6	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 9.1.0.1.
4058350	Netbackup AHV backups intermittently fail with status 6 after upgrade to 9.1.0.1
4058364	DNAS snapshot import is failing with Status 130 'bpfis coring'
4062519	With Azure Cloud Scalable Storage Weekend settings configured, all jobs stop/fail on Sunday morning, moments past midnight.
4065096	OpenStack HPE storage space is rapidly consumed during NetBackup backup job operations.
4066141, version 1	Accelerated NDMP images fail with status code 13/99 due to inode corruption in images.
4066268	Incremental backups of VMware Linux clients to deduplicated storage fail with status code 84.
4066433	For Amazon cloud, image cleanup job fails with Access Denied Exception.
4066770	Front-end terabyte (FETB) reporting from nbdeployutil incorrectly show clients as 'UNKNOWN'.
4067638	NAS Data Protection Policy backups using CIFS are failing with 'Cannot access the snapshot'
4067646	EEB package contains security updates.
4067648	EEB package contains security updates.
4067650	EEB package contains security updates.
4068155	Single file recovery from VM is failing with 'Required VxUpdate package is missing'
4068524	EEB provides support for backup from SnapMirror volumes.



**Table 6-1** Previous EEBs now resolved in NetBackup 10.1.1 (*continued*)

Etrack Number	EEB Description
4068995	An issue occurs with browsing compressed images after unarchiving catalog images in NetBackup.
4069104	On environments where the user's mail server required authentication, NetBackup will silently fail to send notification emails due to the email sender's address not matching the authorized user's email address.
4069637, version 4, 3	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 10.0.
4071808	This EEB provides support for snapshot replication for volumes having SnapMirror and SnapVault relationship. This also provides support for backup from SnapMirror and SnapVault volumes.
4071822	Security fixes.
4072309	EEB package contains security updates.
4073083	Security fixes.
4073216	With OpenStack, unable to assign and report proper device path for an attached volume.
4073302	Upgrades zlib from 1.2.11 to 1.2.12.
4073305, version 1	With OpenStack, the device path of an attached volume is wrongly reported and that causes backup failure.
4073455	This EEB provides support for snapshot replication for volumes having SnapMirror and SnapVault relationship. This also provides support for backup from SnapMirror and SnapVault volumes.
4074074, version 2, 1	clients and media servers are getting "Connection cannot be established" error because the host validation cannot be performed on the target host. The remote hosts are getting a 500 error when contacting nbwmc to perform the host validation, which is fail
4074119	OpsCenter issues occur with authentications of users from an existing domain.
4075041	EEB package contains security updates.
4075368	OpsCenter Tape Drive Throughput report is not accurate

**Table 6-1** Previous EEBs now resolved in NetBackup 10.1.1 (*continued*)

Etrack Number	EEB Description
4076031, version 2, 1	Multiple NDMP Isilon errors: 1) NDMP Accelerator backups fail with status code 114; 2) NDMP backup fails on full Accelerator Synthetic backup; 3) NDMP Backup of several volumes fails with error code 99.
4076227	Unable to see the Google Cloud Platform (GCP) service project in the drop-down while creating the cloud intelligent group.
4076251	Replication fails due to WORM lock error.
4077906	No restore window appears after clicking 'Restore' when VMware restores.
4078504	EEB package contains security updates.
4078524	For Oracle Copilot instant access, cannot get recovery points when all the datafile table spaces are READ ONLY at the time of backup. Also, cannot get recovery points when the SCN value is very large.
4078724	libcurl upgrade to version 7.83.1.
4078937	While doing restore of Windows 2022 client, there were 'Access is denied' errors for some of the files within WindowsApps and AppRepository folders. After the DR, the Startup Menu and Taskbar search does not show modern apps.
4079016, version 3, 2, 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 10.0.0.1.
4079114	Security fixes.
4079122	Security fixes.
4079442	Sort for VM conversion tasks fail with 'Sort parameter is not valid.' error
4079463	EEB package contains security updates.
4079986, version 1	Accelerated NDMP images fail with status code 13/99 due to inode corruption in images.
4080631	NDMP backup fails on full Accelerator Synthetic backup.
4080739	EEB contains Apache Tomcat 9.0.65 update.
4080811	A credential validation error occurs for exchange.

**Table 6-1** Previous EEBs now resolved in NetBackup 10.1.1 (*continued*)

Etrack Number	EEB Description
4080976, version 1	Bundle EEB includes: 1) libcurl upgrade to version 7.83.1; 2) security fixes.
4081293	BMR P2V operations fail with error 'V-433-33 Cannot find TruelImage date.' for Windows 2008 client on RHEL 7.9 NetBackup 10.0 primary server for selecting PIT configuration.
4081466	The backup to a specific device path in the multipath configuration fails with STATUS 2009.
4081543	EEB contains Apache Tomcat 9.0.65 update.
4081678	Vpfsd experiences a core dump issue
4081778	Skip discovery of vSphere objects during snapshot creation process of VMware restore.
4081825	After a VCD restore, guestId is sometimes set to otherGuest.
4082223	Security fixes.
4082338	EEB contains Apache Tomcat 9.0.65 update.
4082368	Configuring SSO on the Primary host and IT Security is failing the SSO test due to: 1. Reject SAML reposts; 2. Making JWT validity configurable between minimum 2 hrs to maximum of 24 hrs.
4083399	EEB contains Apache Tomcat 9.0.65 update for OpsCenter 9.1.0.1.
4083590	VxUpdate upgrade from 8.3.0.1 to 8.3.0.2 on Solaris Sparc or Redhat clients fails if /tmp mounted with noexec.
4083725	An issue occurs with browsing images after unarchiving catalog images in NetBackup 10.0.0.1.
4083862	NetBackup Hyper-V reference points are not cleaned up in VMCX files.
4083938	The preferred EEB bundle contains fixes for MSDP containers on NetBackup 10.0.0.1 (Deduplication 16.0.1).
4083987	For amazon cloud, image cleanup job fails with Access Denied Exception.
4084005	Unable to delete disk pool: Error 139.
4084036	Updates JRE to version 341.

**Table 6-1** Previous EEBs now resolved in NetBackup 10.1.1 (*continued*)

Etrack Number	EEB Description
4084143	Oracle Instant Access recovery points are not visible in the NetBackup Web UI when the Oracle DB name and DB unique ID are different.
4084520	The preferred EEB bundle contains fixes for MSDP containers on NetBackup 10.0.0.1 (Deduplication 16.0.1).
4084606	Inactive node upgrade fails while upgrading cluster in staggered manner. Install logs show installer couldn't get MSI property 'CTLG_ACL_UPDTD'.
4084732	Security Fixes.
4084763	bpnbat -login -logintype AT does not work for a non-root user with read-only home directory.
4084800, version 1	Bundled EEB for issue: Activity Monitor shows correct size of backup, but total number of files is wrong.
4085078, version 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 9.1.0.1 based on MSDPC EEB bundle version 6, plus fix to Load the lsu-worm.conf in Init() in OCSD.
4085082, version 1	On Windows media servers, an NDMP Accelerated backup could fail due to a tracklog transfer timeout being improperly handled.
4085093	Security Fixes.
4085094	Security Fixes.
4085291	EEB contains Apache Tomcat 9.0.65 update.
4085328	Updates JRE to version 341.
4085376	Upgrades Python to version 3.9.13.
4085383	Security Patch.
4085707	EEB contains Apache Tomcat 9.0.65 update.
4085774	NetBackup catalog backup (bpbackupdb.exe) fails with 'Policy: Catalog -- not configured'.
4086056	NDMP Accelerated backups that take hours to synthesize can timeout before completion.
4086080	After a VCD restore, guestId is sometimes set to otherGuest.

**Table 6-1** Previous EEBs now resolved in NetBackup 10.1.1 (*continued*)

Etrack Number	EEB Description
4086114	Not able to see any appliance hardware info in OpsCenter
4086224	EEB package contains security updates.
4086326, version 1	Security Patch.
4086362	EEB contains Apache Tomcat 9.0.65 update for OpsCenter 10.0.0.1.
4086366	EEB package contains security updates.
4086368	EEB package contains security updates.
4086374	EEB package contains security updates.
4086376	EEB package contains security updates.
4086476	Updates JRE to version 341.
4086654	Updates drivers to adapt the newer minor updates in RHEL 7.9.
4086795	Security Patch.
4086819	Updates JRE to version 341.
4087171	Unable to restore VM backup image.
4087279	Changing volume pool of an assigned tape media causes nbsl to crash and the NetBackup Administration Console to hang.
4087299, version 1	EEB bundle contains fixes for: 1) Activity Monitor shows correct size of backup, but total number of files is wrong; 2) "An invalid API request is encountered." when running GET /config/policies/
4087316, version 1	Security fixes.
4087324	Security fixes.
4087328	Security fixes.
4087331, version 1	Security fixes.
4087332, version 1	Security fixes.
4087379	Security patch.
4087678	Postgresql backups work but unable to purge logs using delwal flag.

**Table 6-1** Previous EEBs now resolved in NetBackup 10.1.1 (*continued*)

Etrack Number	EEB Description
4088008, version 1	Multiple NDMP Isilon errors: 1) NDMP Accelerator backups fail with status code 114; 2) NDMP backup fails on full Accelerator Synthetic backup; 3) NDMP Backup of several volumes fails with error code 99.
4088139	Skip discovery of vSphere objects during snapshot creation process of VMware restore.
4088171	VxUpdate upgrade from 8.1.1 to 8.2 on RedHat x64 clients fails if /tmp mounted with noexec.
4088660	Status 6 encountered during VMware backup due to very large length for excluding last unchanged disk area on a disk.
4088787	EEB provides BMR support for new versions of Red Hat Enterprise Linux (RHEL) 8.5 and 8.6 including thin provisioning LVM (self-restore).
4088890	The Enterprise Media Manager on Primary Server does not match and will lead to configuration errors.
4089469	VMware backup completes with status 1 on snapshot delete when VM has many IPs.
4090334, version 2, 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 10.1.
4090406	Security fixes.
4090407, version 1	Security fixes.
4090526	BMR P2V operations fail with error 'V-433-33 Cannot find TruelImage date.' for Windows client on RHEL primary server.
4090585	1) Windows start menu does not display correctly after restoring Windows 2022 client; 2) "Access is denied" errors for windowsApps and AppRepository files while restoring Windows 2022 client.
4091165	Security Patch.
4091167	Upgrades nbsqlite to version 3.39.2
4091169	Upgrades protobuf to version 3.15.0.
4091701	EEB package contains security updates.

**Table 6-1** Previous EEBs now resolved in NetBackup 10.1.1 (*continued*)

Etrack Number	EEB Description
4091734, version 3, 2, 1	EEB bundle contains fixes for MSDP issues on NetBackup 10.1.
4091737	Not able to see any appliance hardware information in OpsCenter.
4091743	Security fixes.
4091745	Security fixes.
4091761	Upgrades Python modules PyJWT and Werkzeug.
4091903	Redirects NetBackup API and Web UI connection requests to port 443.
4091973	Security Patch.
4091975	Security Patch.
4092071	Using ExaGrid OST while performing optimized duplication in NetBackup 10.1 is not working.
4092831, version 1	Security fixes.
4093229	NetBackup Hyper-V reference points are not cleaned up in VMCX files.
4093374	Security fixes.
4093375	Security fixes.
4093379, version 1	Security fixes.
4093386	Security fixes.
4093397, version 1	Security fixes.
4093398	Security fixes.
4093667, version 1	Security fixes.
4093669, version 1	Security fixes.
4094370	The Enterprise Media Manager Server on Primary Server does not match and will lead to configuration errors.
4097341	NetBackup and PBX services on client system do not auto start after system reboot on RHEL9.

**Table 6-1** Previous EEBs now resolved in NetBackup 10.1.1 (*continued*)

Etrack Number	EEB Description
4098094	NetBackup and PBX services on client system do not auto start after system reboot on RHEL9.
4098192	After a successful backup, VMware snapshot is not removed.

## Other known issues resolved in NetBackup 10.1.1

### Etrack Incident: 4066921

- Associated Primary Etrack: 4065012
- Associated Service Request Etrack(s): 4065011
- Description:  
Adding the Dell EMC Isilon plugin failed due to possible compatibility issue with OneFS.

### Etrack Incident: 4079649

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Performance issues were observed with backups from snapshots with Microsoft Azure.

### Etrack Incident: 4080775

- Associated Primary Etrack: 4076904
- Associated Service Request Etrack(s): 4076903
- Description:  
CloudPoint failed to delete snapshots after backup.

### Etrack Incident: 4081874

- Associated Primary Etrack: 4079474
- Associated Service Request Etrack(s): 4079473
- Description:  
Unable to restore using older recovery points with error "The snapshot associated with the given backup image does not exist".

### Etrack Incident: 4082447

- Associated Primary Etrack: 4076764



- Associated Service Request Etrack(s): 4085511
- Description:  
CloudPoint discovery status reported as Partial Success and Status Failed.

**Etrack Incident: 4082448**

- Associated Primary Etrack: 4076764
- Associated Service Request Etrack(s): 4085511
- Description:  
CloudPoint discovery status reported as Partial Success and Status Failed.

**Etrack Incident: 4082751**

- Associated Primary Etrack: 4081987
- Associated Service Request Etrack(s): 4081986
- Description:  
Accelerator backup failed with "status: 50: client process aborted" when a file size was 14 TB.

**Etrack Incident: 4084514**

- Associated Primary Etrack: 4079880
- Associated Service Request Etrack(s): 4079879
- Description:  
SJA packages were deleted from the repository when the `nbrepo -add` command was run twice for the same package.

**Etrack Incident: 4085231**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Command line help option `bprestore -h` returned error "-prEXIT STATUS 144: invalid command usage".

**Etrack Incident: 4085316**

- Associated Primary Etrack: 4083813
- Associated Service Request Etrack(s): 4083812
- Description:  
Log gathering did not collect the cloud provider service certificates and the certificate that are issued to the cloud provider by NetBackup.

**Etrack Incident: 4085386**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
The `bpsetconfig` command did not audit when non-root user performed actions with a JSON web token (JWT).

**Etrack Incident: 4085636**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Bare Metal Restore (BMR) Red Hat Enterprise Linux (RHEL) 8.6 proliferation.

**Etrack Incident: 4086139**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Validation while adding cluster name did not include "/,:".

**Etrack Incident: 4086226**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Red Hat Enterprise Linux (RHEL) 8.5 Secure Reliable Transport (SRT) creation failed.

**Etrack Incident: 4086459**

- Associated Primary Etrack: 4086370
- Associated Service Request Etrack(s): 4086369
- Description:  
With an External Certificate Authority (ECA) renewal on the Flex containers, certificate verification on the client failed with EC 25.

**Etrack Incident: 4087375**

- Associated Primary Etrack: 4086660
- Associated Service Request Etrack(s): 4086659
- Description:  
Open Cloud Storage Daemon (OCSD) encountered "ResourceNotReady: exceeded wait attempts" and "Unable to delete" messages.

**Etrack Incident: 4087612**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
MQBroker configuration failed during installation or upgrade on Linux where `/tmp` was mounted with `noexec` set.

**Etrack Incident: 4088071**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
NetBackup failed when the database startup script `nbbdms_start_server` did not take into account the service user (root).

**Etrack Incident: 4088132**

- Associated Primary Etrack: 4076613
- Associated Service Request Etrack(s): 4076612
- Description:  
Hyper-V backups failed randomly with status 13.

**Etrack Incident: 4088142**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
SQLite database was removed from the cloud provider.

**Etrack Incident: 4088414**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Catalog duplication job succeeded but Job Details reported an error: "Error terminating `bpbdbm` for locking: a protocol error has occurred".

**Etrack Incident: 4088825**

- Associated Primary Etrack: 4083593
- Associated Service Request Etrack(s): 4083591
- Description:

After a WORM Storage Server resize, new capacity is not seen until `crcontrol` is used to add the new volumes manually either from the WORM Storage Server shell or the instance bash shell via Flex host and Docker exec.

**Etrack Incident: 4089286**

- Associated Primary Etrack: 4087579
- Associated Service Request Etrack(s): 4087578
- Description:  
CloudPoint pre-recovery check failed.

**Etrack Incident: 4089610**

- Associated Primary Etrack: 4089335
- Associated Service Request Etrack(s): 4089334
- Description:  
This fix handles a number of SSL renegotiations.

**Etrack Incident: 4090377**

- Associated Primary Etrack: 4088800
- Associated Service Request Etrack(s): 4088799
- Description:  
NetBackup Administration Console displayed an **Attempt Ended** time from previous attempt when switching to the currently running attempt.

**Etrack Incident: 4091094**

- Associated Primary Etrack: 4087579
- Associated Service Request Etrack(s): 4087578
- Description:  
CloudPoint pre-recovery check failed.

**Etrack Incident: 4091164**

- Associated Primary Etrack: 4083874
- Associated Service Request Etrack(s): 4083873
- Description:  
Kubernetes restore failed: "Restore timeout occurred while waiting for the data mover pod to be in running state".

**Etrack Incident: 4091209**

- Associated Primary Etrack: 4088983

- Associated Service Request Etrack(s): 4088982
- Description:  
nginx was unnecessarily listening on port 80.

**Etrack Incident: 4091229**

- Associated Primary Etrack: 4088983
- Associated Service Request Etrack(s): 4088982
- Description:  
nginx was unnecessarily listening on port 80.

**Etrack Incident: 4092026**

- Associated Primary Etrack: 4088274
- Associated Service Request Etrack(s): 4088273
- Description:  
Files and folders were missing from a VMware backup when the mount point began with //.

**Etrack Incident: 4092489**

- Associated Primary Etrack: 4095812
- Associated Service Request Etrack(s): 4095811
- Description:  
Component Apache Commons Text needed to be upgraded to 1.10.0.

**Etrack Incident: 4093571**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Backups to MSDP reported 129 errors even though the pool was only 4% used, with 5 MSDPC LSUs reserving most of the space for cache.

**Etrack Incident: 4094337**

- Associated Primary Etrack: 4092698
- Associated Service Request Etrack(s): 4092697
- Description:  
Backup from a snapshot job failed with a status 11 "System Call Failed".

**Etrack Incident: 4094341**

- Associated Primary Etrack: 4088099

- Associated Service Request Etrack(s): 4088098
- Description:  
When deploying the cloud provider via Amazon Web Services (AWS) marketplace, problems were encountered due to uncommon issues with AWS and use of AWS Control Tower.

**Etrack Incident: 4094721**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
`bpexpdate -try_expire_worm_copy` intermittently resulted in copies remaining in `DELETE_PENDING` state even after CLI returns.

**Etrack Incident: 4094772**

- Associated Primary Etrack: 4091942
- Associated Service Request Etrack(s): 4091941
- Description:  
CloudPoint installation was stuck at "Creating self-signed keys and certs for nginx".

**Etrack Incident: 4096186**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
FlexScale memory exhaustion by `spad` and `spoold` resulted in system outage.

**Etrack Incident: 4096188**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
`bpps.exe` on Windows returned non-NetBackup processes when they have the same executable name as NetBackup processes.

**Etrack Incident: 4096307**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:

With Nutanix-AHV, a virtual machine (VM) was not restorable if VM is secure boot enabled.

**Etrack Incident: 4096952**

- Associated Primary Etrack: 4096446
- Associated Service Request Etrack(s): 4096445
- Description:  
Unable to log into the NetBackup Administration Console with full External Certificate Authority (ECA) mode and single-signon (status 186).

**Etrack Incident: 4097891**

- Associated Primary Etrack: 4095763
- Associated Service Request Etrack(s): 4095762
- Description:  
During a backup of snap from a Hitachi Plugin, the Hitachi HNAS Access Configuration file was modified.

# EEBs and other known issues resolved in NetBackup 10.1

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 10.1](#)
- [Other known issues resolved in NetBackup 10.1](#)

## Previous EEBs now resolved in NetBackup 10.1

[Table 7-1](#) contains a listing of known issues with NetBackup that were identified, fixed, and made available to customers in the form of an emergency engineering binary (EEB). NetBackup 10.0.0.1 resolves the issues that were fixed with each of these EEBs.

More information on the Etracks that are listed in this topic (and any other service request Etrack) can be found on the [Veritas Services and Operations Readiness Tools \(SORT\)](#) website.

**Table 7-1** Previous EEBs now resolved in NetBackup 10.1

Etrack Number	EEB Description
3981133, version 35, 34	8.2 MSDP Preferred EEB bundle
4013394, version 31, 30	The EEB bundle contains fixes for MSDP issues on NetBackup 8.3.0.1



**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4015206	Duplicate client entries/VM alias appear in OpsCenter reports after upgrade to NetBackup 8.3.
4018358	Duplicate client entries/VM alias appear in OpsCenter reports after upgrade to NetBackup 8.3.
4020306	Capacity of clients/servers protected using NetBackup Self Service in usage reports.
4020307	Capacity of clients/servers protected using NetBackup Self Service in usage reports
4020308	Capacity of clients/servers protected using NetBackup Self Service in usage reports.
4021826	OpsCenter data collection fails for SLP images.
4021994	OpsCenter 8.3.0.1 Images data collection does not complete after being upgraded to 8.3.0.1
4022987	Capacity (FETB) values for clients/servers protected using NetBackup Self Service (NSS) in usage reports and Usage Insights or Smart Meter.
4023793	OpsCenter displays incorrect details intermittently.
4027159	Duplicate client entries/VM alias appear in OpsCenter reports after upgrade to 8.3.
4028517	OpsCenter is using the wrong client names
4029455	Scheduler OpsCenter-10875 error occurs while running the scheduled report.
4033708	Smartmeter is not recording usage data correctly.
4033853	Duplicate client entries/VM alias appear in OpsCenter reports after upgrade to 8.3.
4034734	VMware Intelligent Policy (VIP) is shown in the policies subtab of the OpsCenter Client view.
4038043, version 2	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 9.0.0.1.
4038674	SLP Backlog report is not working or not showing data for some days
4041174	One NDMP backup job of an NDMP MPX backup hung intermittently.
4041251	mdbserver causes a core dump issue during mongodb backup.
4044197	Duplicate client entries/VM alias appear in OpsCenter reports after upgrade to 8.3.
4046209	Clients Not Backed report no longer returns what it did prior to upgrade to OpsCenter 8.3.
4046543	OpsCenter Job Finalized Alert Policy is not displaying policy view.

**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4046615, version 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1	This EEB provides support for NetBackup External Certificate Authority (ECA) for NetBackup FlexScale.
4046677	The Option APP and SQL do not work in the auth.conf file for NetBackup 9.1.
4049036	MongoDB backup fails.
4049270	MS SQL Server multi-stripe restore jobs fail intermittently with Status 2809.
4049887	Images data collection does not complete after being upgraded to NetBackup 9.1.0.1.
4050413	Unable to restore an AHV VM to a Nutanix Cluster which has been rebuilt.
4050927	Unexpected increase in the NetBackup image size of accelerated backup in NetBackup 8.3.
4051128	1.Certificate enrollment fails if enrollment request is associated with FQDN and host record in DB has shortname 2.nbdeployutil is failing to generate usage file required for Smart Meter ( this is bundle)
4051131	bpnbat CLI experiences multiple issues.
4052154	This EEB is used to improve the Universal share performance for NetBackup 8.3.0.2.
4052746	For an Oracle database backup on Windows client, NetBackup does not honor the BKUP_IMAGE_PERM=ANY setting which is passed on via RMAN SEND parameters. The Oracle backup images should have appropriate permissions set (0664).
4052749	Linux Media server upgrade failed via Deployment Management 'ERROR: Machine role [] is not applicable for this installation.'
4052837	This EEB prevents nbostpxy from unexpectedly removing shared memory when the shared memory has shmid 0.
4053688	Unable to send email from Opscenter.
4054766, version 4, 3, 2, 1	NetBackup customers who bought Azure/Azure Gov/Amazon/Amazon Gov subscription through Veritas cannot protect their workloads.
4054767, version 3, 2, 1	NetBackup customers who bought Azure/Azure Gov/Amazon/Amazon Gov subscription through Veritas cannot protect their workloads.
4054855	NetBackup customers who bought Azure/Azure Gov/Amazon/Amazon Gov subscription through Veritas cannot protect their workloads.

**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4054859	NetBackup customers who bought Azure/Azure/Amazon/Amazon GovGov subscription through Veritas cannot protect their workloads.
4055084, version 5, 4, 3	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 9.1.0.1.
4055207	SAP Oracle redirected restore fails when multistream option is enabled.
4055314	Only ten entries are listed for subscriptions or resources under backup options when creating a protection plan for cloud. EEB increases to one hundred being listed.
4055478	Updates JRE to 8u311 for NetBackup 8.2.
4056299	VCD restore exits with status code 1, cannot import the VM on vApp because the required XML file is empty.
4056600	In ext4, symlink paths which are less than 60 bytes are stored in the inode, but NetBackup looks in the inode for 60 byte paths as well.
4056705	SAN client DB Agent backup fails with pipe open failed / Close Conflicting Pipe'.
4057468	Unable to create standalone vtstap policy from Vcenter.
4058271	OpsCenter upgrade to 9.1.0.1 fails for Linux at a non-default install location.
4058281	FORCE_RESTORE_MEDIA_SERVER not respected by GRT.
4058396	Updates JRE to 8u311 for NetBackup 9.1.0.1.
4058553	OpsCenter - Upgrades to Apache Log4j 2.17.1
4058555	OpsCenter - Upgrades to Apache Log4j 2.17.1
4058556	OpsCenter - Upgrades to Apache Log4j 2.17.1
4058560, version 5, 4, 3, 2, 1	Fix for CVE-2021-44228 - Updates NetBackup with Apache Log4j 2.17.1.
4058561, version 2, 1	Fix for CVE-2021-44228 - Updates NetBackup with Apache Log4j 2.17.1.
4058565	Upgrades Apache Tomcat to 9.0.58 for OpsCenter (CVE-2021-44228).
4059688	RHV restore fails with 'FTL - Failed to attach restored disks to VM. Error: [Cannot attach Virtual Disk: Disk is locked. Please try again later.]'
4060536	Copy WORM Unlock Time changes for copy 2 when duplicating backup from one DD Worm Storage to another DD Worm Storage.

**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4060550	NetBackup Enterprise Media Manager (nbemm) process crashes while connecting with misconfigured SAN clients.
4060931	After upgrade, unable to establish communication from other servers from central server with large number of certificates (~170).
4061684	Red Hat Enterprise Linux 7.2 Shared Resource Tree (SRT) creation on Red Hat Enterprise Linux 8.3 BMR Boot Server fails
4061686, version 1	Provides support for non-DNS for NetBackup FlexScale 2.1.
4062153	Removes PDDE-ES service due to Log4j issues.
4062508	PostgreSQL (nbpgsql) non-LVM backup fails with error "No such file or directory."
4062636	When handling list requests with a specified policy type bpdbm returns results including related images.
4062860	Addresses bpnbat CLI issues.
4063518	Removes PDDE-ES service due to Log4j issues.
4064080	PostgreSQL backups fail under heavy workload.
4064278	Smartmeter is not recording usage data correctly.
4064529	Mail delivery is not working properly.
4064652	NDMP Accelerated backup can fail with error code 99.
4064940	PostgreSQL Non-LVM pg_base backup and incremental backup using WAL files fail with error "No such file or directory".
4064994	NetBackup for PostgreSQL Agent does not create the log as described in Administrator's Guide.
4065087	Upgrades Apache Tomcat to 9.0.58.
4065425	Updates JRE to 8u321 for all platforms.
4065723	Post-upgrade to 9.1.0.1 issues: any names in the auth.conf file with a # (pound sign) after their name only get the BAR GUI.
4065757	FTS-SQL DB restore fails intermittently with error 2809.
4065759	FTS-SQL DB restore fails intermittently with error 2809.
4065763	SQL backup jobs hang Issuing SignalAbort to MS SQL Server VDI.

**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4065925	FTS-SQL DB restore fails intermittently with error 2809.
4066284	Updates JRE to 8u321 for NetBackup 8.2.
4066386	Provides Apache Tomcat Version 9.0.58 for NetBackup 8.2.
4066459	Provides Apache Tomcat Version 9.0.58 for NetBackup 8.3.0.2.
4066473	nbcomponentupdate fix for Flex instances.
4066512, version 1	Security fixes.
4066683	Multiple SQL database calls querying metadata results in performance issues.
4066695	Upgrades Apache Tomcat to 9.0.58 for NetBackup 9.1.
4066746	Provides Apache Tomcat Version 9.0.58 for NetBackup 8.3.0.1.
4066765	Upgrades Apache Tomcat to version 9.0.58 for OpsCenter 9.1.0.1.
4067200	NDMP Accelerator of Isilon filer fails with status 84.
4067254	Provides Apache Tomcat Version 9.0.58 on NetBackup Opscenter 8.3.0.2.
4067306	Problems occurred when restoring VM to the same location.
4067343	This EEB prevents nbostpxy from unexpectedly removing shared memory when the shared memory has shmid 0.
4067354	VMware Intelligent Policy (VIP) is shown in the policies subtab of the OpsCenter Client view.
4067472	This EEB provides improvements in grouping of the backup images for Teradata policy-type in capacity usage reports.
4067516	Exchange backup fails with status 13: ERR - invalid STRM header.
4067522	Exchange backup fails with status 13: ERR - invalid STRM header.
4067534	SQL Server restore fails intermittently with exit status 13 and 2809.
4067552	Exchange backup fails with status 13: ERR - invalid STRM header.
4067641	Only ten entries are listed for subscriptions or resources under backup options when creating a protection plan for cloud.
4067657	Error attempting to Delete intelligent VM group, but no subscription can be found for the specified Protection Plan.
4067891	Provides Isolated Recovery Environment (IRE) for WORM storage server application.

**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4067972	Updates JRE to 8u321 for NetBackup 8.2.
4068095	Provides support for Emulex 32Gb cards.
4068281	Unable to restore System State from Synthetic Full backups.
4068433	VMware backups are slower due to slower authentication on the vCenter.
4068446, version 3, 1	This EEB provides improvements in the number of backup/restore streams that can be run in parallel.
4068575, version 1	Email notifications are not sent after second occurrence of error.
4068584	Upgrades Apache Tomcat to version 9.0.60.
4068752	Primary server upgrade from NetBackup 8.3.0.1 to NetBackup 9.1.0.1 failed when bpnbaz experienced a core dump.
4069099	Job Finalized alerts do not generate for alternate client restore jobs
4069185	This EEB provides a new utility to display information about all the keys in the KMS database.
4069442	VMware Instant Access failed to create new Instant Access VM due to parser error.
4069443	This EEB contains the required changes for BMR support of thin provisioned volumes. The changes on RHEL 8.X client containing thin provisioned volumes, boot server and primary server.
4069596	Inflated capacity usage observed with Standard policy-type and client versions prior to 8.1
4069637, version 2, 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 10.0.
4070018	Login to NetBackup Adminsitration Console (Java) fails with status 505 due to password length of 63 or more characters.
4070208	Duplicate client entries appeared when browsing for restores in OpsCenter.
4070293	nbdeployutil capacity report is not created.
4070321	Upgrades OpenSSL to 1.0.2zd for MSDP. Updates pspOpenSSL and nbopenssl to 7.6.12.0
4070351	Windows restore fails when files are read-only and hard linked (Access is Denied)
4070421, version 1	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 10.0
4070425	Clustered MS SQL backup shows status code 239.
4070469	NetBackup primary server installation fails on SUSE Linux when symlink is present.

**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4070535, version 3, 2, 1	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 10.0 for containers
4070558	Upgrade to OpenSSL 1.0.2zd.
4070566	MongoDB database restore is failing with error "One or more of the input parameters or arguments are invalid."
4070732	The restore of an Oracle database may fail for a RAC configuration with multiple databases. During the restore processing, the wrong image is selected for an Oracle backup piece if the backup of 2 databases occurred at the same time.
4070874, version 2, 1	Upgrades Spring version to 5.3.18 so that Storage Platform Web Service (spws) verifies vSphere certificates. Upgrades Jackson databind to version 2.13.2.2.
4071103	Upgrades Spring version to 5.3.18 and provides Jackson JAR updates for NetBackup Administration Console (Java GUI).
4071311	PostgreSQL backups fail with Status 13 under heavy workload.
4071513, version 1	Two issues: 1. Updates Log4j JARs to 2.17.1. 2. Errors with mail delivery when SMTP servers follow TLS protocol.
4071614	Unable to create standalone vtstap policy from Vcenter.
4071635	Encountered a parser error while performing an instant mount.
4071663	Traditional reports created by nbdeployutil shows database pack as 1, even when there are no database agent backups configured in NetBackup.
4071721	VMware Intelligent Policy (VIP) backup jobs fail after upgraded to NetBackup 9.1 from 8.1.
4071758	This EEB provides security updates for NetBackup 10.0.
4071805	The restore of an Oracle database may fail for a RAC configuration with multiple databases. During the restore processing, the wrong image is selected for an Oracle backup piece if the backup of 2 databases occurred at the same time.
4071857	Exchange Backup Failed with Exit Status 13 ERR - invalid STRM header
4071920	VMware Instant Access failed to create new Instant Access VM due to parser error.
4072063	VDDK is being distributed with older openssl / expat libraries.
4072147	Azure stack VM backup fails with error 112.

**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4072179	This EEB is related to VMware virtual machine conversion to AWS AMI feature. This EEB addresses the issue that, nbrestoreec2 fails to upload virtual machine disk files to AWS S3 with file size larger than 80GB.
4072235	The restore of an Oracle database may fail for a RAC configuration with multiple databases. During the restore processing, the wrong image is selected for an Oracle backup piece if the backup of 2 databases occurred at the same time.
4072256	NetBackup 9.1.0.1 anomaly detection is not detecting all anomalies.
4072436	RHV restore fails with 'FTL - Failed to attach restored disks to VM. Error: [Cannot attach Virtual Disk: Disk is locked. Please try again later.]'
4072479	Long delays were seen in duplication jobs to MSDP-C WORM.
4072819	Catalog backup is only partially successful after upgrade to NetBackup 10.0.
4073151	Bundled EEBs for OpsCenter.
4073257	Unexpected increase in the image size of accelerated backups in NetBackup 8.3.
4073293, version 2, 1	Upgrades Spring version to 5.3.19.
4073302	Upgrades zlib from 1.2.11 to 1.2.12.
4073340	Long delays were seen in duplication jobs to MSDP-C WORM.
4073544	Updates JRE to JRE 8 update 333.
4073717	Updates Log4j JARs to 2.17.1 and Spring JARs updated to 5.3.19 NetBackup 8.3.0.1 and 9.1.0.1.
4074059, version 1	Two issues: 1. Replications fail due to being unable to delete WORM lock on image fragments. 2. Copy Worm Unlock Time changes for copy 2 when duplicating backup from one DD WORM Storage to another DD WORM Storage.
4074156	FTS-SQL DB restore fails intermittently with error 2809.
4074385	Upgrades Apache Tomcat to 9.0.63.
4074433	PostgreSQL backup fails with "nbpgsql.exe - System Error" popup error.
4074445	Updates PAR::Packed Perl executables to OpenSSL 1.0.2zd.
4074450	Updates version to pspOpenssl-7.6.12.0
4074452	Upgrade to OpenSSL 1.0.2zd for binaries created using PAR::Packer.



**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4074541	Updates libarchive to 3.6.1. [RHEL/Debian binary on All Server platform]
4074627	Activity Monitor in the NetBackup Administration Console fails to load when the user has restricted access and the hostname has a -r or -d embedded within the name.
4074763	Updates libarchive to 3.6.1.
4074764	Updates libarchive to 3.6.1. [SuSE binary on All Server platform]
4074790	Restores of Oracle backups fail due to IA getOracleRecoveryPointDTO() failure.
4074812	Update version to pspOpenssl-7.6.12.0 [RedHat3.10.0 and Debian 3.10.0 nbcheck on all Primary Server platforms]
4074813	Update version to pspOpenssl-7.6.12.0 [SuSE4.4.73 nbcheck on all Primary Server platforms]
4074836	Upgrades Apache Tomcat to 9.0.63 for NetBackup 10.0.
4074839	Provides EEB update for Apache Tomcat 9.0.63 for NetBackup 8.2
4075205	Replication fails.
4075351	Provides Apache Tomcat Version 9.0.63 for NetBackup 8.3.0.1.
4075538, version 1	Updates log4j JARs to 2.17.1 (CVE-2021-44228) and Spring JARs to 5.3.19 (CVE-2022-22965).
4075553	Upgrades Apache Tomcat to 9.0.63 for NetBackup 8.3.0.2.
4075663	Removes WARs containing Log4j for NetBackup 8.3.0.2 media servers.
4075689	Upgrades Apache Tomcat to 9.0.63 for OpsCenter 9.1.0.1.
4075713	Received NetBackup status code 404: EMM status: Server Group does not exist.
4075839	This EEB provides security fixes.
4075856	Installation of VTS22-004 - hotfix fails.
4075891	For an Oracle database backup on Windows client, NetBackup does not honor the BKUP_IMAGE_PERM=ANY setting which is passed on via RMAN SEND parameters.
4076994	Updates JRE to JRE 8 update 333.
4077106, version 1	Updates Log4j JARs to 2.17.1 (CVE-2021-44228) and Spring JARs to 5.3.19.
4077535	Updates JRE to JRE 8 update 333.
4078046, version 1	Updates Log4j JARs to 2.17.1 (CVE-2021-44228) and Spring JARs to 5.3.19.

**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4078399	Updates Log4j JARs to 2.17.1 (CVE-2021-44228) and Spring JARs to 5.3.19.
4078631	Updates libarchive to 3.6.1
4078632	Updates libarchive to 3.6.1
4078633	Updates libarchive to 3.6.1
4078634	Updates libarchive to 3.6.1
4078635	Updates libarchive to 3.6.1
4078636	Updates libarchive to 3.6.1
4078729	Updates Log4j JARs to 2.17.1 (CVE-2021-44228) and Spring JARs to 5.3.19.
4078931, version 1	Updates Spring JARs to 5.3.19, Log4j JARs to 2.17.1, and Jackson JARs to 2.13.2.
4078933, version 1	Updates Log4j JARs to 2.17.1 (CVE-2021-44228) and Spring JARs to 5.3.19.
4078964	VDDK is being distributed with older openssl / expat libraries.
4078965	VDDK was distributed with older openssl / expat libraries.
4079037	Updates Log4j JARs to 2.17.1 (CVE-2021-44228) and Spring JARs to 5.3.19.
4079118	This EEB provides security fixes.
4079123	This EEB provides security fixes.
4079247, version 1	This EEB provides DISA smart card authentication fixes.
4079895	Updates JRE to 8u333 for NetBackup 8.2 and 8.3.
4080066	Updates Log4j JARs to 2.16.0 for OpsCenter 10.0.0.1.
4080076, version 1	Unable to perform non-lvm backups with -b and -d options.
4081216	Deleting a disk group or volume could result in image fragments pending deletion still referring to the group or volume.
4081463	PostgreSQL non-lvm database backup fails with error 'No such file or directory'.
4081955	Unable to restore RAC database.
4083260	Unable to start nbctd daemon on a media server.
4084676	Removes WAR files from media servers.

**Table 7-1** Previous EEBs now resolved in NetBackup 10.1 (*continued*)

Etrack Number	EEB Description
4084940	Catalog backup is partially successful after upgrade to NetBackup 10.0.
4085371	Upgrades Spring JARs to 5.3.20.
4085396	Upgrades Spring JARs to 5.3.20.
4085923	NetBackup Swagger POST request(/admin/jobs/{jobId}/cancel) fails with error message: The content type specified by the request content-type header is not supported.
4086009, version 1	This EEB provides security fixes.
4086382	NetBackup status: 404, EMM status: Server Group does not exists
4086750	Failed to delete WORM locked image.
4087028	Remove WAR files from media servers.
4087229, version 1	This EEB provides security fixes.

## Other known issues resolved in NetBackup 10.1

### **Etrack Incident: 4040321**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Policy settings needed more granularity for global tries per period and job retry delay settings.

### **Etrack Incident: 4041715**

- Associated Primary Etrack: 4048999
- Associated Service Request Etrack(s): 4048998
- Description:  
Container state was restarting after CloudPoint host deletion

### **Etrack Incident: 4059007**

- Associated Primary Etrack: 4058496
- Associated Service Request Etrack(s): 4058495
- Description:

WORM application instance creation failed on Flex 5250 2.0.2/Application version 15.0.02.

**Etrack Incident: 4059321**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Remote command execution using NetBackup Service Layer (NBSL) API `getLSUDirectoryInfo` exposed a security issue.

**Etrack Incident: 4060387**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
NetBackup SQL Server Availability group database when demoted from AG was missing recovery points in the web UI.

**Etrack Incident: 4063909**

- Associated Primary Etrack: 4063453
- Associated Service Request Etrack(s): 4063452
- Description:  
VXupdate for NetBackup 8.3.0.1 failed with status codes 7205, 7206, 7236. Client temp folder was not cleaned up so subsequent upgrade attempts failed until files were removed.

**Etrack Incident: 4064157**

- Associated Primary Etrack: 4060220
- Associated Service Request Etrack(s): 4060219
- Description:  
Google Cloud Platform (GCP) CloudPoint deployment from Marketplace failed if "Enable regular snapshot of CloudPoint" selected.

**Etrack Incident: 4064287**

- Associated Primary Etrack: 4061023
- Associated Service Request Etrack(s): 4061022
- Description:  
The service user specified during the primary server installation was not registered in `bp.conf`: "ERROR: No daemon user was found in `bp.conf`."

**Etrack Incident: 4064650**

- Associated Primary Etrack: 4063971
- Associated Service Request Etrack(s): 4063970
- Description:  
The `nbreplicate` command failed with media manager system error 174 when the target host contained uppercase characters.

**Etrack Incident: 4064971**

- Associated Primary Etrack: 4064259
- Associated Service Request Etrack(s): 4064258
- Description:  
NetBackup web UI **Add VM Manually** removed existing VMs from the policy.

**Etrack Incident: 4065798**

- Associated Primary Etrack: 4060220
- Associated Service Request Etrack(s): 4060219
- Description:  
Google Cloud Platform (GCP) plugin failed with private key having explicit line break '\n'. The NetBackup UI and the GCP Marketplace plugin deployment were not consistent due to this behavior.

**Etrack Incident: 4065934**

- Associated Primary Etrack: 4064437
- Associated Service Request Etrack(s): 4064436
- Description:  
Unable to configure bucket using `msdpclutil` with error "NoSuchBucketPolicy: The bucket policy does not exist."

**Etrack Incident: 4066409**

- Associated Primary Etrack: 4065012
- Associated Service Request Etrack(s): 4065011
- Description:  
Unable to configure plugin and validate on OneFS 9.2 version and later for Isilon storage.

**Etrack Incident: 4066899**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A

- Description:  
WORM lock remaining time was not reported in seconds and was not reporting remaining duration.

**Etrack Incident: 4066912**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Optimized duplication failed with media write error (84).

**Etrack Incident: 4067294**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Prepare-to-restore (PTR) failed for thin provisioning.

**Etrack Incident: 4067669**

- Associated Primary Etrack: 4047967
- Associated Service Request Etrack(s): 4047966
- Description:  
Cleanup prior to installation did not remove all pre-existing directories and files prior to installation.

**Etrack Incident: 4067816**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Mirror logical volumes were restored as linear.

**Etrack Incident: 4067954**

- Associated Primary Etrack: 4067909
- Associated Service Request Etrack(s): 4067908
- Description:  
After deleting a cloud logical storage unit (LSU), `pddecfg --listcloudlsu` has following error: `32: main: No item server101_dddd/whittest8/ddd is in /MSDP/etc/puredisk/cloud.json.`

**Etrack Incident: 4068800**

- Associated Primary Etrack: 4052267

- Associated Service Request Etrack(s): 4052154
- Description:  
Universal share performance enhancements.

**Etrack Incident: 4068801**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Universal share performance enhancements.

**Etrack Incident: 4069255**

- Associated Primary Etrack: 4066471
- Associated Service Request Etrack(s): 4066470
- Description:  
Flex Appliance backup jobs failed with error 800 - dbaccess log reports - SQL Anywhere - Temporary space limit exceeded.

**Etrack Incident: 4069841**

- Associated Primary Etrack: 4069392
- Associated Service Request Etrack(s): 4069391
- Description:  
`fslockadm` sets the log file to `msdpvc:bin` but most other log files in the container are owned by `msdpvc:pduser`.

**Etrack Incident: 4070024**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
An example in `admin.yaml` required a correction.

**Etrack Incident: 4071462**

- Associated Primary Etrack: 4070492
- Associated Service Request Etrack(s): 4070491
- Description:  
**Virtual Machine Hostname** was not displayed correctly when browsing the machine from **Policy**.

**Etrack Incident: 4071944**

- Associated Primary Etrack: 4069020
- Associated Service Request Etrack(s): 4069018
- Description:  
Enables Cloudpoint to protect Azures Reliance Jio region.

**Etrack Incident: 4072615**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
`nbbuild` did not create `nb/lib` binaries with proper version strings.

**Etrack Incident: 4074320**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Enables autofill `MSDPC_ENDPOINT` for Azure and Azuregov in `msdpclutil`.

**Etrack Incident: 4074659**

- Associated Primary Etrack: 4074106
- Associated Service Request Etrack(s): 4074105
- Description:  
Managed disk assets were skipped during a discovery: "Discovery is taking more than 30 mins".

**Etrack Incident: 4075032**

- Associated Primary Etrack: 4071582
- Associated Service Request Etrack(s): 4071581
- Description:  
Unable to select any other storage tier than standard when using Google Cloud Storage (GCS).

**Etrack Incident: 4075057**

- Associated Primary Etrack: 4074758
- Associated Service Request Etrack(s): 4074757
- Description:  
The permission-specific error that results due to missing permission after and upgrade did not appear in the NetBackup UI.



**Etrack Incident: 4075170**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Restores of NTFS Deduplication Optimized backups failed to recover any files over 32KB.

**Etrack Incident: 4075897**

- Associated Primary Etrack: 4073805
- Associated Service Request Etrack(s): 4073804
- Description:  
Configuring universal share by command `vpfs_config.sh --configure_byo` failed.

**Etrack Incident: 4077463**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Optimized duplication failed.

**Etrack Incident: 4077981**

- Associated Primary Etrack: 4081522
- Associated Service Request Etrack(s): 4081521
- Description:  
Azure plugin configuration failed in a proxy environment

**Etrack Incident: 4078066**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Attempt to add second WORM volume to a disk pool disk returned the message:  
`DSM has encountered an invalid argument parameter <TheDiskPoolName>`  
(Status 20).

**Etrack Incident: 4078420**

- Associated Primary Etrack: 4077728
- Associated Service Request Etrack(s): 4077727

- Description:  
Backup from a snapshot failed for AWS China region.

**Etrack Incident: 4078643**

- Associated Primary Etrack: 4071142
- Associated Service Request Etrack(s): 4071141
- Description:  
Primary server upgrade from 8.1 to 9.1 failed on Windows.

**Etrack Incident: 4079496**

- Associated Primary Etrack: 4077214
- Associated Service Request Etrack(s): 4077213
- Description:  
IMDSv2 was not being used for CloudPoint servers.

**Etrack Incident: 4080771**

- Associated Primary Etrack: 4080598
- Associated Service Request Etrack(s): 4080597
- Description:  
Indexing and backups of snapshots failed and CloudPoint certificate details were not gathered

**Etrack Incident: 4082207**

- Associated Primary Etrack: 4078015
- Associated Service Request Etrack(s): 4078014
- Description:  
NetBackup backed up complete file systems instead of shares, even though the backup selection is a share.

**Etrack Incident: 4082436**

- Associated Primary Etrack: 4079474
- Associated Service Request Etrack(s): 4079473
- Description:  
For AWS Relational Database Service (RDS), resource pagination caused deletion of available recovery points after creation from CloudPoint database.

**Etrack Incident: 4083241**

- Associated Primary Etrack: 4076904

- Associated Service Request Etrack(s): 4076903
- Description:  
CloudPoint failed to delete snapshots after backup.

**Etrack Incident: 4083601**

- Associated Primary Etrack: 4076238
- Associated Service Request Etrack(s): 4076237
- Description:  
WORM shell collect commands failed with `mkdir` error (command not found).

**Etrack Incident: 4084845**

- Associated Primary Etrack: 4078015
- Associated Service Request Etrack(s): 4078014
- Description:  
NetBackup backed up complete file systems instead of shares, even though the backup selection is a share.

**Etrack Incident: 4086817**

- Associated Primary Etrack: 4086816
- Associated Service Request Etrack(s): 4087032
- Description:  
Potential file corruption occurred when a small file (less than 1 GB) enlarged to a big file (greater than 1 GB) in a universal share.

# EEBs and other known issues resolved in NetBackup 10.0.0.1

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 10.0.0.1](#)
- [Other known issues resolved in NetBackup 10.0.0.1](#)

## Previous EEBs now resolved in NetBackup 10.0.0.1

[Table 8-1](#) contains a listing of known issues with NetBackup that were identified, fixed, and made available to customers in the form of an emergency engineering binary (EEB). NetBackup 10.0.0.1 resolves the issues that were fixed with each of these EEBs.

More information on the Etracks that are listed in this topic (and any other service request Etrack) can be found on the [Veritas Services and Operations Readiness Tools \(SORT\)](#) website.

**Table 8-1** Previous EEBs now resolved in NetBackup 10.0.0.1

Etrack Number	EEB Description
4033708	Smartmeter is not recording usage data correctly.
4046543	OpsCenter Job Finalized Alert Policy is not displaying policy view.

**Table 8-1** Previous EEBs now resolved in NetBackup 10.0.0.1 (*continued*)

Etrack Number	EEB Description
4050710	The Azure cloud GRT BFS (Backup From Snapshot) job fails intermittently with 'db_FLISTsend: db_end_sts() failed: file read failed (13)' in activity monitor.
4052746	For an Oracle database backup on Windows client, NetBackup does not honor the BKUP_IMAGE_PERM=ANY setting which is passed on via RMAN SEND parameters. The Oracle backup images should have appropriate permissions set (0664).
4052996	Netbackup AHV backups intermittently fail with status 6.
4055207	SAP Oracle redirected restore fails when multistream option is enabled.
4055314	Only ten entries are listed for subscriptions or resources under backup options when creating a protection plan for cloud. EEB increases to one hundred being listed.
4056600	In ext4, symlink paths which are less than 60 bytes are stored in the inode, but NetBackup looks in the inode for 60 byte paths as well.
4058350	Netbackup AHV backups intermittently fail with status 6 after upgrade to 9.1.0.1
4058364	DNAS snapshot import is failing with Status 130 'bpfis coring'
4059688	RHV restore fails with 'FTL - Failed to attach restored disks to VM. Error: [Cannot attach Virtual Disk: Disk is locked. Please try again later.]'
4060550	NetBackup Enterprise Media Manager (nbemm) process crashes while connecting with misconfigured SAN clients.
4062519	With Azure Cloud Scalable Storage Weekend settings configured, all jobs stop/fail on Sunday morning, moments past midnight.
4064278	Smartmeter is not recording usage data correctly.
4064529	Mail delivery is not working properly.
4065723	Post-upgrade to 9.1.0.1 issues: any names in the auth.conf file with a # (pound sign) after their name only get the BAR GUI.
4065763	SQL backup jobs hang Issuing SignalAbort to MS SQL Server VDI.
4066473	nbcomponentupdate fix for Flex instances.
4066683	Multiple SQL database calls querying metadata results in performance issues.
4067200	NDMP Accelerator of Isilon filer fails with status 84.
4067516	Exchange backup fails with status 13: ERR - invalid STRM header.
4067522	Exchange backup fails with status 13: ERR - invalid STRM header.

**Table 8-1** Previous EEBs now resolved in NetBackup 10.0.0.1 (*continued*)

Etrack Number	EEB Description
4067552	Exchange backup fails with status 13: ERR - invalid STRM header.
4067641	Only ten entries are listed for subscriptions or resources under backup options when creating a protection plan for cloud. EEB increases to one hundred being listed.
4067891	Provides Isolated Recovery Environment (IRE) for WORM storage server application.
4068095	Provides support for Emulex 32Gb cards.
4068281	Unable to restore System State from Synthetic Full backups.
4068524	1. This EEB provides support for backup from SnapMirror volumes. 2. The EEB needs to be used along with the EEB created for ET #4068842
4068575, version 1	Email notifications are not sent after second occurrence of error.
4069443	This EEB contains the required changes for BMR support of thin provisioned volumes. The changes on RHEL 8.X client containing thin provisioned volumes, boot server and primary server.
4069596	Inflated capacity usage observed with Standard policy-type and client versions prior to 8.1
4070018	Login to NetBackup Adminsitration Console (Java) fails with status 505 due to password length of 63 or more characters.
4070421, version 1	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 10.0
4070469	NetBackup primary server installation fails on SUSE Linux when symlink is present.
4070558	Upgrade to OpenSSL 1.0.2zd.
4070732	The restore of an Oracle database may fail for a RAC configuration with multiple databases. During the restore processing, the wrong image is selected for an Oracle backup piece if the backup of 2 databases occurred at the same time.
4070874, version 2, 1	Upgrades Spring version to 5.3.18 so that Storage Platform Web Service (spws) verifies vSphere certificates. Upgrades Jackson databind to version 2.13.2.2.
4071103	Upgrades Spring version to 5.3.18 and provides Jackson JAR updates for NetBackup Administration Console (Java GUI).
4071805	The restore of an Oracle database may fail for a RAC configuration with multiple databases. During the restore processing, the wrong image is selected for an Oracle backup piece if the backup of 2 databases occurred at the same time.

**Table 8-1** Previous EEBs now resolved in NetBackup 10.0.0.1 (*continued*)

Etrack Number	EEB Description
4071808	This EEB provides support for snapshot replication for volumes having SnapMirror and SnapVault relationship. This also provides support for backup from SnapMirror and SnapVault volumes.
4072063	VDDK is being distributed with older openssl / expat libraries.
4072179	This EEB is related to VMware virtual machine conversion to AWS AMI feature. This EEB addresses the issue that, nbrestoreec2 fails to upload virtual machine disk files to AWS S3 with file size larger than 80GB.
4072235	The restore of an Oracle database may fail for a RAC configuration with multiple databases. During the restore processing, the wrong image is selected for an Oracle backup piece if the backup of 2 databases occurred at the same time.
4072436	RHV restore fails with 'FTL - Failed to attach restored disks to VM. Error: [Cannot attach Virtual Disk: Disk is locked. Please try again later.]'
4073293	Upgrades Spring version to 5.3.19.
4073455	This EEB provides support for snapshot replication for volumes having SnapMirror and SnapVault relationship. This also provides support for backup from SnapMirror and SnapVault volumes.
4073544	Updates JRE to JRE 8 update 333.
4074445	Updates PAR::Packed Perl executables to OpenSSL 1.0.2zd.
4074450	Updates version to pspOpenssl-7.6.12.0
4074452	Upgrade to OpenSSL 1.0.2zd for binaries created using PAR::Packer.
4074541	Updates libarchive to 3.6.1. [RHEL/Debian binary on All Server platform]
4074763	Updates libarchive to 3.6.1.
4074764	Updates libarchive to 3.6.1. [SuSE binary on All Server platform]
4074812	Update version to pspOpenssl-7.6.12.0 [RedHat3.10.0 and Debian 3.10.0 nbcheck on all Primary Server platforms]
4074813	Update version to pspOpenssl-7.6.12.0 [SuSE4.4.73 nbcheck on all Primary Server platforms]
4075538, version 1	Updates log4j JARs to 2.17.1 (CVE-2021-44228) and Spring JARs to 5.3.19 (CVE-2022-22965).
4076994	Updates JRE to JRE 8 update 333.

**Table 8-1** Previous EEBs now resolved in NetBackup 10.0.0.1 (*continued*)

Etrack Number	EEB Description
4077106, version 1	Updates log4j JARs to 2.17.1 (CVE-2021-44228) and Spring JARs to 5.3.19 (CVE-2022-22965).
4077535	Updates JRE to JRE 8 update 333.
4078399	log4j jars updated to 2.17.1 (CVE-2021-44228) and spring jars updated to 5.3.19 (CVE- 2022- 22965)
4078631	Updates libarchive to 3.6.1
4078632	Updates libarchive to 3.6.1
4078633	Updates libarchive to 3.6.1
4078634	Updates libarchive to 3.6.1
4078635	Updates libarchive to 3.6.1
4078636	Updates libarchive to 3.6.1

## Other known issues resolved in NetBackup 10.0.0.1

### Etrack Incident: 4069097

- Associated Primary Etrack: 4066471
- Associated Service Request Etrack(s): 4066470
- Description:  
Backup jobs failed with status code 800 on Flex Master 8.3.0.2. Temporary space limit exceeded.

### Etrack Incident: 4069936

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Updates to the Backup Host Pool failed with the error “All backup hosts in a pool must have the same Operating System”.

### Etrack Incident: 4071945

- Associated Primary Etrack: 4069020



- Associated Service Request Etrack(s): 4069018
- Description:  
Cloudpoint was not enabled to protect Azure's Reliance Jio region.

**Etrack Incident: 4075000**

- Associated Primary Etrack: 4071582
- Associated Service Request Etrack(s): 4071581
- Description:  
Unable to select any other storage tier than standard when using Google Cloud Storage (GCS).

# EEBs and other known issues resolved in NetBackup 10.0

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 10.0](#)
- [Other known issues resolved in NetBackup 10.0](#)

## Previous EEBs now resolved in NetBackup 10.0

[Table 9-1](#) contains a listing of known issues with NetBackup that were identified, fixed, and made available to customers in the form of an emergency engineering binary (EEB). NetBackup 10.0 resolves the issues that were fixed with each of these EEBs.

More information on the Etracks that are listed in this topic (and any other service request Etrack) can be found using the Veritas Services and Operations Readiness Tools (SORT) website.

<https://sort.veritas.com/netbackup>

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0

Etrack Number	EEB Description
3952829	Nbdeployutil report shows inaccurate capacity numbers for some clients.
3956103, version 24, 23	The EEB bundle contains the fixes for MSDP issues on NetBackup 8.1.2

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
3962067	NBDEPLOYUTIL does not show the correct results.
3967906	NBDEPLOYUTIL does not show the correct results.
3973251	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
3979291	NBDEPLOYUTIL is not showing correct results with FEDS data for sparse files.
3981098	Exchange GRT restore fails when user deletes DisableLoopBackCheck from the Registry.
3981133, version 33, 32, 31, 30, 29, 28, 27	8.2 MSDP Preferred EEB bundle
3981837, version 25, 24	The EEB bundle contains fixes for Cloud Catalyst issues on NetBackup 8.2.
3983247	VXupdate shuts down vmd.exe without checking to see if it is a Veritas process.
3983309, version 6, 5, 4, 3, 2, 1	EEB Fix for CVE-2021-44228 - Update NetBackup with Apache Log4j 2.17.1
3989733	nbdisco crashes on the primary server after upgrading NetBackup to 8.2
3991551, version 3, 1	Restore network at vCenter level for VCD restores.
3992265	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
3996205	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
3999214	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
4002232	Multiple clients display zero size in Itemization tab of capacity report.
4010507, version 1	1-This fix ensure the NetBackup Resource Broker related data is stored in a SQLite DB instead of Sybase. 2-Files and folders restore option greyed out when attempting restore via the Web UI.
4012007	GRT restore fails because EWS autodiscovery is rejected when DisableLoopbackCheck registry value is removed.
4013370, version 2, 1	OpsCenter generates alerts for connection to media server lost

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4013394, version 23, 22, 21, 20, 19, 18, 17, 16, 15, 14	The EEB bundle contains fixes for MSDP issues on NetBackup 8.3.0.1
4015947, version 4	The EEB bundle contains fixes for Cloud Catalyst and MSDP Direct Cloud Tiering issues on NetBackup 8.3.0.1.
4016996	HBase backups fail with service ID configuration which is not using the hostname of the server in hbase-site.xml. It instead uses the service name which is a virtual name.
4017144	Introduction of NetBackup Performance Monitor (nbperfmon) tool.
4017931	Introduction of NetBackup Performance Monitor (nbperfmon).
4019103	SLP (duplication and replications) jobs fail with error 50.
4019469	Email notifications not resuming for like issues after 24 hours as they should.
4019481	SLP (duplication and replications) jobs fail with error 50.
4019819	Updates Tomcat to 9.0.38 or higher to resolve CVE-2020-13943 for OpsCenter version 8.2.
4020029	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
4020247, version 2	Bundle of fixes for OST changes from 9.0 release.
4020631	Fixes an issue in credential fetching caused by a passphrase that is too long.
4020765	The Queued Jobs are not shown in the Activity Monitor, but bpdjobs output show multiple jobs.
4021177	Tomcat version 9.0.37 shipped with Netbackup affected by CVE vulnerability
4021210	VMware ASC backup fails with error code 20 if the client VM has iSCSI type disks.
4022378	CVE vulnerability found in Tomcat.
4022693	OpsCenter 8.3.0.1 generates false "media server unreachable" alerts every few minutes.
4023134	Upgrade to Tomcat 9.0.40.
4024151	Backups that use dbclient when the client and media are the same do not report the Buffer Waits/Delay messages in the Job Detail status.
4026558	VMware snapshot state files are not getting cleaned
4026941	Errors are received while attempting VMware recovery from Web UI.

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4027101	Customer network topology prohibits NetBackup source media server to target DD storage connectivity
4027539	This EEB provides security requirements for upgrading Apache Tomcat version to 9.0.40 on NetBackup 9.0.
4027944	VMware snapshot is not deleted after backup.
4028002	VMware snapshot state files are not getting cleaned
4028637, version 2, 1	This EEB provides Apache Tomcat version 9.0.43 for NetBackup 8.2.
4028759	The nbdeployutil report does not complete.
4029433	BMR boot CD couldn't drive up NIC. While performing BMR procedure, qllogic drivers fails to load.
4029532	VMware restore for certain VMs fail to create VM due to PopulateVirtualMachineConfigInfoFromXml: SYM_VMC_ERROR.
4029596	This EEB provides Apache Tomcat version 9.0.40.
4030014, version 4, 3	The EEB bundle contains fixes for Cloud Catalyst and MSDP Direct Cloud Tiering issues on NetBackup 8.3.
4030336	Improvements in traditional licensing report for virtualization-related information.
4030341	Improvements in traditional licensing report for virtualization-related information.
4030343	Improvements in traditional licensing report for virtualization-related information.
4030350	SLP (duplication and replications) jobs fail with error 50.
4030619	nbdisco service crashes frequently on the primary server.
4030628	'Exclude swap and paging files' option in NetBackup VMware backup policy only excludes first page file.
4031123	OpsCenter reports incorrectly show dates in the future when using Time Frame Group by of Weeks of Year
4031137, version 3, 2	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 9.0.
4031187, version 5	Accelerated NDMP images fail with status code 13/99 due to inode corruption in images.
4031237	Granular restoration not working on a VM Hyper-V with a NetBackup agent.

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4031358	Trying to delete SLPs created by a protection plan fails with status code 2528 (Changes are not allowed for an SLP that a Protection Plan manages).
4031725	Unable to view policies from the web UI ("system error occurred") when the Exchange server list has more than 255 entries.
4032016	VMware virtual machine entered into emergency mode at first boot after successful restore.
4032167	This EEB provides Apache Tomcat version 9.0.43 for NetBackup 8.3.0.1.
4032263, version 1	BMR self restore for redhat7.6 fails with 'GRUB boot loader installation failed'
4032294	This EEB provides Apache Tomcat version 9.0.43 for NetBackup 9.0.
4032321	The NetBackup 8.3.0.1 NBDeployutil Capacity Report fails.
4032333	OpsCenter generates false "lost contact with media server" alerts.
4032565	Improvements in traditional licensing report for virtualization-related information.
4032831	nbemmcmd -resethost does not propagate changes and connections can fail after a client downgrade from 8.2 to 7.7.3
4032886	Vulnerability found in Apache Tomcat shipped with OpsCenter.
4032902	HTTPS-enabled Hadoop backups fail with error codes 636 and 24.
4033018	vxupdate unable to identify bpps process binary path
4033116	HTTPS-enabled Hadoop backups fail with error codes 636 and 24.
4033203	This EEB provides Apache Tomcat version 9.0.43 for NetBackup 8.1.2.
4033425	Java GUI 8021 error on login, cannot access security management nodes.
4033469	PostgreSQL backups do not always return the correct error code. At times, return status 0 is returned even when a job fails.
4033575	Exchange GRT restore fails. The EWSLog00 log shows that EWS autodiscover fails, and URLs found by monad do not succeed.
4033858	Improvements in traditional licensing report for virtualization-related information.
4033971, version 3, 2, 1	The EEB bundle contains fixes for MSDP issues on NetBackup 9.0.0.1
4034016	Adds Cache-Control and Pragma headers to HTTP responses with value no-cache.

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4034425	There is a potential for data loss when doing the BMR restore with the Accelerator backup images.
4034501	nb-runtime collection (a daily process) consumes 13-15 GB of memory and takes 12-15 hours to complete, resulting in a large portion of server memory locked up during that time.
4034657	NDMP backups are not showing up in the nbdeployutil report.
4034678, version 2, 1	Unable to view storage servers in the web UI and fails to fetch storage unit details.
4034734	VMware Intelligent Policy (VIP) is shown in the policies subtab of the OpsCenter Client view.
4034848	This EEB provides Apache Tomcat version 9.0.43 for NetBackup 8.1.1.
4034869	OpsCenter reports incorrectly show dates in the future when using Time Frame Group by of Weeks of Year
4035034	NetBackup 9.0 Active Directory (AD) login takes 5-10 minutes to login to NetBackup Java GUI.
4035409	When the install agent attempts to access large registry keys on windows hosts, the agent crashes, due to an internal buffer that is incorrectly sized. This is a Windows-specific defect.
4035508	Improvements in traditional licensing report for virtualization-related information.
4035556	Improvements in traditional licensing report for virtualization-related information.
4035671	Asset cleanup does not complete successfully, throwing an exception error stating SQL statement cannot be executed.
4035779	VXUpdate fails with status 7226: Can't write to C:\long_path_with_more_than_260_char
4035833	OpsCenter cannot send email to SMTP server by 465 port with SSL.
4035901	Exporting the client backup report fails with array index out of bounds exception.
4036209	A verify or restore of a large image from a NetApp StorageGrid is very slow.
4036271	This EEB provides Apache Tomcat version 9.0.43 for NetBackup 8.3.
4036318	When performing a VMDK restore, bprd times out because bprd was incorrectly being invoked without passing a timeout, resulting in a 30-second timeout being used.
4036764, version 2, 1	The preferred EEB bundle contains fixes for MSDP issues on NetBackup 8.3.0.1 for WORM containers.
4037140	This EEB provides Apache Tomcat version 9.0.43 for OpsCenter 8.2.

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4037218	NetBackup Policy Execution Manager (Nbpem) spends too much time in host name resolution leading to backup jobs not going active.
4037296	Improvements in traditional licensing report for virtualization-related information.
4037448	Improvements in traditional licensing report for virtualization-related information.
4037523	This EEB deploys netbackup.war
4037866	Week at a Glance report fails with "An unknown exception has occurred".
4037939	OpsCenter generates alerts for connection to media server lost
4038043, version 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 9.0.0.1.
4038434	Parent backup job takes a long time to complete even though all child jobs have been already completed.
4038500	VMware snapshot job returns status 1 invalid command parameter.
4038578	Adds SAP Multistream Backup.
4038744	Modifies restore library to prevent GEN_DATA directories from being written to disk.
4038803	bpcatlist GB size representation issue
4038839	OpsCenter reports media appliances offline.
4038909	Support for additional license types in usage reporting.
4039021	Improvements in traditional licensing report for virtualization-related information.
4039066	Improvements in traditional licensing report for virtualization-related information.
4039161	nbdisco service crashes frequently on the primary server.
4039184	Support for SAP Hana BRINT 1.5
4039270	vCloud Director restore is failing with status code 1.
4039377	VMware backup hangs for /etc/fstab /dev/mapper entries with unescaped hyphens.
4039392	Improvements in traditional licensing report for virtualization-related information.
4039431	Bundle request for NetBackup 8.1.1.
4039436, version 1	Conflict with bpdbm and bptm, request a bundle EEB
4039468	Granular restore is not working on a VM Hyper-V with a NetBackup agent.



**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4039490	Browsing of Exchange images is very slow
4039573	Nbdeployutil is not counting multiple database policies correctly.
4039605	nbdeployutil incremental report creates a blank line in Capacity_Itemization.out causing the licensing API call to fail with HTTP error 500.
4039700	ADK 8.1 installation fails while creating SRT on BMR boot server (9.0).
4039702	ADK 8.1 installation fails while creating SRT on BMR boot server (8.1.1).
4040120	The EEB bundle contains fixes for MSDP issues on NetBackup 8.3.0.1.
4040139	If you make an HTTP OPTIONS request to NetBackup, HSTS headers are not present in the response.
4040162	User initiated backups and archives with large filelists fail if the FEDS payload is sufficiently large.
4040246	Incorrect group permissions are set for restores when restored from the client as a user.
4040387	Support for SAP Hana BRINT 1.5
4040388	Support for SAP Hana BRINT 1.5
4040389	Support for SAP Hana BRINT 1.5
4040397	Support for SAP Hana BRINT 1.5
4040909	nbusagerpeorting.exe fails on Windows platforms.
4040970, version 5, 4, 3, 2, 1	The EEB bundle contains fixes for MSDP issues on NetBackup 9.1
4041165	A core dump occurs when adding cloud storage is not possible.
4041222	Using the NetBackup plugin for vsphere web client, VMware restores fail when selecting multiple NICs.
4041235	When trying to create a universal share from the web UI, only some of the storage servers in the environment are listed as available for choosing.
4041260	Allows setting Sybase images to 664 in NetBackup 8.2
4041264	This EEB updates Spring and Shiro libraries.
4041296	OpsCenter reports media appliances offline.

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4041439	Unable to export Audit Trails Report in OpsCenter.
4041458	Optimized duplication of TIR enabled incremental backup may fail with error Failed to duplicate image with error 'events out of sequence - image inconsistency (229)'.
4041532	User initiated backups and archives with large filelists fail if the FEDS payload is sufficiently large.
4041576	NetBackup Agent Request Server (nbars) hangs after a couple of weeks.
4041700, version 1	Bundle EEB to resolve netbackup.war conflict.
4041779	Exchange GRT restore fails. The EWSLog00 log shows that EWS autodiscover fails, and URLs found by monad do not succeed.
4041937	The Host properties of media servers and clients cannot be displayed in NetBackup Administration Console when Enhanced Auditing or NBAC is configured.
4042104	VXUpdate failing with status 7272: Cant write to C:\{long_path_with_more_than_260_chars}
4042266, version 1	SRT creation issue fixes and handling of some fixes for LVM, SWAP for supporting new proliferations for BMR client/boot support for RHEL 7.9, 8.2, 8.3
4042317	Smartmeter is not recording usage data correctly. Gather phase of nbdeployutil fails due to FEDS API failure with error code 404.
4042376	Protection Plan for VMware workload cannot be created without an Accelerator license.
4042401	System state backup fails with FS_INVALID_DIR processing System Files.
4042524	Tape drive down on SSO environment with NDMP_TAPE_OPEN error.
4042640	BMR Restore completes but with the wrong disk letter.
4042834	OpsCenter generates false alerts for lost contact with media server.
4042976, version 1	Images sometimes have try to keep time set to infinity when a connection to bpdbm cannot be made on SLP process startup.
4042999	GRT phase of an Exchange backup occasionally fails with Jet error -1022. The backup job ends with status 1. The database can be restored but GRT browse fails.
4043014	Vcloud director restore to same Vapp failing with status 2820.
4043142	Atime and mtime of a file was reset to the nearest second on an AIX client after full backup.
4043308	DNAS doesn't work with Isilon's export path greater than 2 levels.

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4043382, version 1	This EEB has fixes for BMR client proliferations for RHEL 7.9, RHEL 8.2, RHEL 8.3. Createsrt.conf EEB should be applied on boot server, and other EEB will install bmrprep on primary server, for RHEL primary server it also add createsrt.conf file.
4043448	Issue restoring a snapshot file-level backup from a 8.3.0.2 media server to RHEL 6 8.0 client.
4043457	OpsCenter generates false Service Stopped alerts.
4043584, version 1	-include_discovered switch to command bppllist.exe, gives the list of VMGUIDs as the clientnames, regardless of what Primary VM identifier is selected in Hyper-V HIP policy
4043586	Upgrading to 9.1 fails
4043620	VMware backup job fail with status 6 with "Exclude swap and paging files" disabled.
4043724	NetInsight is reporting incorrect sizes for NDMP images
4043905	NetBackup 9.0.0.1, nbusagereporting.exe fails when running 'nbdeployutil --gather -- capacity'
4043971	OpsCenter 8.3.0.1 generates false 'media server unreachable' alerts every few minutes.
4044244	Week at a Glance report fails with "An unknown exception has occurred".
4044330	OpsCenter 9.1 - Host Alias page not working correctly (RFA).
4044423	VMware virtual machine enters into emergency mode at first boot after successful restore on Netbackup 9.0.
4044522	NetBackup 8.1.2 Service Layer (NBSL) terminated and processed a core occasionally.
4044560	Unable to open GUI console after upgrade to 9.0.0.1 using AD credential (with SSO) on remote Java GUI
4044688	SLP Status report - drill down reports are broken.
4044798	JRE update for vulnerability fix specific to OpsCenter 9.0.0.1.
4044802	nbcomponentupdate fails to execute due to parser issues.
4045067	Logging into the Web UI fails but via IP address succeeds.
4045158, version 1	Accelerated NDMP images fail with status code 13/99 due to inode corruption in images.
4045159, version 1	Accelerated NDMP images fail with status code 13/99 due to inode corruption in images.
4045303	Updates JRE to 1.8U301.

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4045315	This EEB bundle addresses NetBackup PostgreSQL agent problems of log rotation and return code.
4045322, version 2, 1	The EEB bundle contains fixes for MSDP issues on NetBackup 8.3.0.2
4045407	Support for OpsCenter 8.2 HSTS issues.
4045431	Oracle and DB2 DBA's and database maintenance functions can initiate image expiration request to expire images from the NetBackup catalog. These requests can inadvertently cause compliance issues if allowed to succeed.
4045648	For RHV 4.4 ,after restore, a VM does not boot if VM had BIOS information as 'Q35 Chipset with UEFI'.
4045670	False "Lost Contact with Media Server" alerts are reported in OpsCenter.
4045680	Email notifications for duplicate alerts are not sent even after 24 hours passed.
4045815	VMware virtual machine enters into emergency mode at first boot after successful restore.
4045844	Smart Meter Dashboard shows incorrect values for used licenses.
4045942	VMware restore for certain VMs fail to create VM due to PopulateVirtualMachineConfigInfoFromXml: SYM_VMC_ERROR.
4045959	AIR replications between two msdpc pools fail due to credentials errors.
4046218	Enables MySQL backups in secfs2 environments.
4046331	Tomcat update 9.0.52
4046480	Apache Tomcat upgrade to 9.0.48 for Netbackup 9.1.
4046488	CVE Vulnerability found in Apache Tomcat
4046723	Adds support for nbcertcmdtool options -tasks crl_refresh AND -crl_mtime_refresh
4046955	A media server is unable to communicate with the primary server via bptestbpod, generating status 23: socket read failed.
4047040, version 1	The EEB bundle contains fixes for MSDP issues on NetBackup 9.1.0.1
4047114	VMware virtual machine enters into emergency mode at first boot after successful restore.
4047123	nbdisco service crashes frequently on the primary server.
4047201	On Windows clients, remove 300 second delay (30 seconds pre-NB_8.3) during bpfiler startup for client encrypted backups.

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4047256	Cannot restore folders or files from OpsCenter 9.1.
4047622	Upgrade JRE to 8u301.
4047649	8.3.0.1: Apache tomcat 9.0.52 upgrade
4047816, version 1	This is a nbinstallagent 8.3.0.1 package.
4048010	VMware virtual machine enters into emergency mode at first boot after successful restore.
4048016	bprd experiences a core dump issue while performing Oracle crosschecks.
4048055	SharePoint 2019 GRT restore failing with error 2804 - V-479-5 error creating virtual view.
4048067, version 1	bptestbpod returns status 23 with verbose flag and status 0 without verbose flag
4048590	The SO will fail to decrypt and the logs will report a KMS key decryption failure.
4048709	Nborautl runs continuously until manually stopped.
4048741	Vcloud director restore to same Vapp fails with status 2820.
4048748	After upgrading to NetBackup 9.0.0.1, unable to validate the user or group error is received.
4048877	Views do not display objects that are already in the view.
4048892	BPDBM Consistency experienced a core dump issue.
4048993	Exchange GRT restore fails because NetBackup cannot connect to Exchange Web Services.
4049145	NetBackup Policy Execution Manager (Nbpem) spends too much time in host name resolution leading to backup jobs not going active.
4049666	If the media from the pool on which the backup is taken becomes offline, the restore fails instead of selecting a different media server from pool.
4049783	bpbkar on 8.3.0.1 client is under-reporting to FEDS database.
4049936	VMware virtual machine enters into emergency mode at first boot after successful restore.
4049964	NAS Data Protection Policy backups using CIFS are failing with 'Cannot access the snapshot'.
4050360	Policy filter is not available for saved reports in Opscenter UI.
4050474	Import of some AIR related images fail.
4050570	Restores of RHV VMs with description field containing ampersand symbol fail with REST API error 34;Request syntactically incorrect.

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4050616	Upgrading to OpsCenter 9.1.0.1 fails.
4050733	bpbkcar on 8.1.2 client is over-reporting backup size to FEDS database.
4050903	At times, OpenStack reports the wrong device path for an attached device, which causes NetBackup to wait indefinitely for device to come online.
4050957	Apache Tomcat 9.0.52 upgrade.
4051131	bpnbat CLI experiences multiple issues.
4051253	NetBackup 9.1 Java GUI login is slow, taking more than 2 mins.
4051315	Java Runtime Environment (JRE) 1.0.8_301 for Flex 8302.
4051403	The jobs are not displayed in the Activity Monitor of the web UI.
4051830	Saved custom SQL reports cannot be edited after upgrading to 9.1.0.1
4052151	SAN media server backups file access time gets reset when backups are taken.
4052232	nbdeployutil reports for Oracle are incorrect after upgrade from 9.1 to 9.1.0.1
4052382	bpbkcar on 9.1 client is under-reporting to FEDS database.
4052408	Not able to log into the Web UI using the hostname when the hostname begins with NetBackup.
4052665	NetBackup MSSQL option to convert differential backups to full fails with status code: 199
4052941	Apache Tomcat upgrade to 9.0.54.
4053159	Cannot setup remote authentication broker on Windows media server.
4053271	User initiated backups and archives with large file lists fail if the FEDS payload is sufficiently large.
4053509	Unable to create encrypted cloud storage server through Java GUI when External KMS configuration is configured.
4053542	BMR prepare for restore fails because it is unable to locate 'EFI System Partition/EFI/Microsoft/Boot/BCD'.
4053786	SQL Intelligent backups fail with status 200 due to Instance disappearing from Java GUI due to NBARS/
4053850	Accelerator backups are not working due to negative timeout value in backup and restore manager (bpbrm).

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4053961	SQL Intelligent backups fails with status 200 due to Instance getting disappeared from Java GUI (due to NBARS)
4053985	SQL intelligent policies won't load in 8.3.0.1 GUI. Appears as if nbars is hung.
4054106	Nborautil process continuously runs until it is manually stopped.
4054198	Support for CloudPoint 9.1 upgrade with NetBackup 9.0.
4054209	nbdeployutil 8.3.0.2 fails with error 'DBD::SQLite::st execute failed...'
4054238	Cannot restore folders or files from OpsCenter 9.1.0.1.
4054308	Updates JRE to 311.
4054348	Apache Tomcat upgrade to 9.0.54 for OpsCenter 9.1.0.1
4054547, version 5, 3	VMware backups create temporary bitmap files in the /tmp directory during mapping. These bitmap files can be very large when backing up large VMs and can cause the partition to fill up and jobs to fail.
4054611	Upgrade to Apache Tomcat version to 9.0.54
4054624	With Flex Universal Share, an error occurred when mounting vpfs shares using loop devices.
4054642	Upgrade for Apache Tomcat to 9.0.54 for NetBackup 8.2.
4054796	Views do not display objects that are already in the view and admins are unable to perform restores when using views.
4054876	Msdpcheck fails due to refdbutil segfaulting.
4055052	SQL database fails with error 'Arithmetic overflow error converting expression to data type int.'
4055084, version 2, 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 9.1.0.1.
4055324	No jobs are displayed in the Activity Monitor of the web UI. The transfer rate value is too large for the declared value type, so it cannot be loaded.
4055342	Exchange GRT restore fails because NetBackup cannot connect to Exchange Web Services.
4055349	Updates JRE to 311.
4055391	VxUpdate Deployment - nbfp error if /tmp is mounted noexec
4055495, version 1	When EEB4053850 is installed over EEB3997921, it resulted into backup failure. It is due to binary conflict between the two EEB's as both EEB's share same binaries.

**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4055538	Java GUI login is slow (taking more than 2 minutes).
4055712	nbdeployutil generates UsageData_Sanitized.out files, but nbtelemetry is not detecting them, generating the Usage Insights report, or uploading that report to the Veritas Usage Insights portal.
4055717	bprd process crashes during RMAN cross-checks.
4055800	SRT creation and post restore boot fails.
4055806	User initiated backups and archives with large file lists fail if the FEDS payload is sufficiently large.
4055823	Apache Tomcat upgrade to 9.0.54.
4055912	Addresses RHEL 8.4 SRT creation and post restore booting issues.
4056590	while creating universal shares, only 10 storage servers are shown at a time on the storage servers list.
4056621	Client direct backup for HP-UX Client fails with error : Client Direct plugin not available
4056627	Exchange GRT backups return status 1 due to a Jet error in the granular phase of the backup. The problem is intermittent.
4056740	Request for OpenSSL 1.0.2za.
4056830	After CloudPoint plugin migration (from older CloudPoint server to newer CloudPoint server), snapshot cleanup jobs fails.
4056844	Exchange GRT backups return status 1 due to a Jet error in the granular phase of the backup. The problem is intermittent.
4056879	The restore virtual machine operation fails at pre-recovery check step for workload protected by CloudPoint.
4057305	Single file restore of VMware backup image does not retain file ownership when the original file is owned by domain user or domain group, due to the large uid/gid values.
4057718	VM becomes unavailable intermittently after successful instant access restore.
4057720, version 1	EEB to allow Catalog Management and Host Properties to function in the Web UI
4057857	NetBackup Policy Execution Manager (Nbpem) spends too much time in host name resolution.
4058202	Unable to restore VM to same Vapp using vCloud Director
4058562	Upgrade to Apache Log4j 2.17.1



**Table 9-1** Previous EEBs now resolved in NetBackup 10.0 (*continued*)

Etrack Number	EEB Description
4059359, version 3, 2, 1	Addressed security vulnerabilities for log4J, Spring and Shiros.
4061030	VMware virtual machine enters into emergency mode at first boot after successful restore.
4061622	After CloudPoint plugin migration (from older CloudPoint server to newer CloudPoint server) snapshot cleanup jobs fail.
4062651	bprd process crashes during RMAN cross-checks.
4062835	vCloud Director restore fails with status code 1, where a chunked HTTP response was not properly terminated from vCloud.
4062860	Addresses bpnbat CLI issues.
4062991	Unable to open GUI console after upgrade to 9.0.0.1 using AD credential (with SSO) on remote Java GUI
4063857, version 1	This EEB adds support for using the Subject Common Name (CN) as the identifier for external certificates in NetBackup and also included the log4j 2.17.1 JARs
4065455	Parent backup job takes a long time to complete even though all child jobs have been already completed.
4065969	Windows client upgrade using vxupdate fails with error 'NetBackup SERVER registry value not found'.
4067124	VMware backups create temporary bitmap files in the /tmp directory during mapping. These bitmap files can be very large when backing up large VMs and can cause the partition to fill up and jobs to fail.
4068076	NetBackup Agent Request Server (nbars) hangs due to connection being held by threads.
4068275	Dummy data EEB installation fails in media-only cluster due to permission issues of /vx/MEDIA_FS mount point in replace node case.

## Other known issues resolved in NetBackup 10.0

### Etrack Incident: 4018766

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
VM conversion to AWS AMI failed due to IAMROLE with more that 64 characters.

**Etrack Incident: 4030481**

- Associated Primary Etrack: 4022349
- Associated Service Request Etrack(s): 4022348
- Description:  
Vulnerability CVE-2020-5398 detected in OpsCenter 8.2 on Linux.

**Etrack Incident: 4030557**

- Associated Primary Etrack: 4028918
- Associated Service Request Etrack(s): 4028917
- Description:  
`nbdecommission` deleted images on a different disk pool.

**Etrack Incident: 4032435**

- Associated Primary Etrack: 4029799
- Associated Service Request Etrack(s): 4029798
- Description:  
Backups failed "system error occurred" for web UI protection plans with three schedules.

**Etrack Incident: 4033613**

- Associated Primary Etrack: 4032665
- Associated Service Request Etrack(s): 4032664
- Description:  
While upgrading NetBackup Windows clients which are also running VCS/InfoScale processes/service, Veritas Highly Available (HAD- VCS/InfoScale) services running on that same clients were terminated.

**Etrack Incident: 4034798**

- Associated Primary Etrack: 3988550
- Associated Service Request Etrack(s): 3988548
- Description:  
`NBEMM` experienced core dump issues.

**Etrack Incident: 4035406**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:

CloudPoint snapshot indexing failed with status code 156.

**Etrack Incident: 4035674**

- Associated Primary Etrack: 4031733
- Associated Service Request Etrack(s): 4031732
- Description:  
AD GRT backup randomly failed when using the `ADLocation` parameter and multiple data streams.

**Etrack Incident: 4036182**

- Associated Primary Etrack: 4033060
- Associated Service Request Etrack(s): 4033059
- Description:  
AWS discovery encounters error "botocore.exceptions.ReadTimeoutError: Read timeout on endpoint URL: ..."

**Etrack Incident: 4036463**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Appliance CLISH run of `NBSU` did not show the default `/log/netbackup/nbsu` path in the final output.

**Etrack Incident: 4036493**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
`NBSU` generated multiple incorrect Windows paths in `NBU_nbdb_info.txt`.

**Etrack Incident: 4036532**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
`EXIT STATUS 5908: Unknown error` occurred received while re-enrolling a certificate for a host with a different common name.

**Etrack Incident: 4036620**

- Associated Primary Etrack: N/A

- Associated Service Request Etrack(s): N/A
- Description:  
Java console error Status 8021 was received on login and when opening anything under Security Management.

**Etrack Incident: 4036965**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Too many files in <INSTALLDIR>\NetBackup\Logs\user\_ops caused installation to fail.

**Etrack Incident: 4039397**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
HPE applies storage-server-side contracts that requires knowledge of WORM indelibility before writing any data.

**Etrack Incident: 4039583**

- Associated Primary Etrack: 4037147
- Associated Service Request Etrack(s): 4037146
- Description:  
NetBackup for Microsoft SQL Server restores created cross-linked 'ghost jobs' between replicated primary servers that cannot be deleted or canceled.

**Etrack Incident: 4040117**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Web UI allowed the unsubscription of instance protection at the database level.

**Etrack Incident: 4040190**

- Associated Primary Etrack: 4039079
- Associated Service Request Etrack(s): 4039078
- Description:  
bpclntcmd -pn for non-root users receives back an authentication error (160).

**Etrack Incident: 4040201**

- Associated Primary Etrack: 4040086
- Associated Service Request Etrack(s): 4040085
- Description:  
 "Master server security configuration is unknown" error was received while setting up NetBackup domains on a single-node Flex appliance.

**Etrack Incident: 4040216**

- Associated Primary Etrack: 4039414
- Associated Service Request Etrack(s): 4039413
- Description:  
 Client Agent update failed on Windows and UNIX Servers.

**Etrack Incident: 4040763**

- Associated Primary Etrack: 4012582
- Associated Service Request Etrack(s): 4012581
- Description:  
 While upgrade from NetBackup 8.0 to 8.2, intelligent SQL polices failed with an error 2.

**Etrack Incident: 4041021**

- Associated Primary Etrack: 4040115
- Associated Service Request Etrack(s): 4040114
- Description:  
 After successfully adding the CloudPoint plugin for EMC PowerScale, the following error occurred: `flexsnap.OperationFailed: Failed to discover assets. Error: 'NoneType' object has no attribute 'id'.`

**Etrack Incident: 4042382**

- Associated Primary Etrack: 4041568
- Associated Service Request Etrack(s): 4041567
- Description:  
 Authentication service did not start after upgrading to NetBackup 9.1

**Etrack Incident: 4042635**

- Associated Primary Etrack: 4036145
- Associated Service Request Etrack(s): 4036144
- Description:

CloudPoint Azure snapshots were not deleted despite being expired from the NetBackup Catalog.

**Etrack Incident: 4043030**

- Associated Primary Etrack: 4042193
- Associated Service Request Etrack(s): 4042192
- Description:  
Some Cloud assets that are deleted were not flagged by the `isDeleted` API option.

**Etrack Incident: 4043249**

- Associated Primary Etrack: 4038742
- Associated Service Request Etrack(s): 4038741
- Description:  
Application-consistent snapshot creation failed for Linux client with Oracle databases.

**Etrack Incident: 4044383**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
Unable to add an LDAP principle with a large ID to an RBAC role.

**Etrack Incident: 4045113**

- Associated Primary Etrack: 4042193
- Associated Service Request Etrack(s): 4042192
- Description:  
Some assets that are deleted were not flagged by the `isDeleted` API option.

**Etrack Incident: 4047235**

- Associated Primary Etrack: 4039295
- Associated Service Request Etrack(s): 4039294
- Description:  
Oracle Stream Handler was working only after explicitly enabling it with the `cacontrol` command. (It should be enabled by default.)

**Etrack Incident: 4047332**

- Associated Primary Etrack: 4033237

- Associated Service Request Etrack(s): 4033236
- Description:  
Basic disk storage unit filled the problem log with "storage server up" messages after restart of server or NetBackup.

**Etrack Incident: 4047501**

- Associated Primary Etrack: 4047352
- Associated Service Request Etrack(s): 4047351
- Description:  
Manual Discovery was only listing a partial successful operation on multiple CloudPoint systems.

**Etrack Incident: 4048598**

- Associated Primary Etrack: 4048599
- Associated Service Request Etrack(s): 4048598
- Description:  
When creating a WORM storage server instance, the storage server was created the storage server properties could not be accessed and a disk pool for the storage server could not be created.

**Etrack Incident: 4052286**

- Associated Primary Etrack: 4050711
- Associated Service Request Etrack(s): 4050710
- Description:  
No messages were issued when an Azure app did not have access to a subscription.

**Etrack Incident: 4052344**

- Associated Primary Etrack: 4045307
- Associated Service Request Etrack(s): 4045306
- Description:  
Long delays occurred with all backups writing to the MSDP WORM container.

**Etrack Incident: 4052970**

- Associated Primary Etrack: 4050600
- Associated Service Request Etrack(s): 4050599
- Description:

An undesired media server was assigned as the disk polling server for OST storage.

**Etrack Incident: 4055254**

- Associated Primary Etrack: 4051279
- Associated Service Request Etrack(s): 4051278
- Description:  
OpsCenter users were unable to perform restores when using Views.

**Etrack Incident: 4055516**

- Associated Primary Etrack: 4054427
- Associated Service Request Etrack(s): 4054426
- Description:  
CloudPoint service failed and then asked for backup of CloudPoint metadata.

**Etrack Incident: 4056638**

- Associated Primary Etrack: 4054427
- Associated Service Request Etrack(s): 4054426
- Description:  
An incorrect notification message was issued with discovery failure.

**Etrack Incident: 4056639**

- Associated Primary Etrack: 4055827
- Associated Service Request Etrack(s): 4055826
- Description:  
Snapshot creation failed for Windows VM if the AWS NVME tool reported the device path as `/dev/sda1`.

**Etrack Incident: 4058385**

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:  
NetBackup SQL Server Availability group database when demoted from AG was missing recovery points in web UI.

**Etrack Incident: 4064288**

- Associated Primary Etrack: 4061023
- Associated Service Request Etrack(s): 4061022



- **Description:**  
The service user specified during the primary server installation was not registered in `bp.conf`.

**Etrack Incident: 4064498**

- Associated Primary Etrack: 4060220
- Associated Service Request Etrack(s): 4060219
- **Description:**  
Google Cloud Platform (GCP) CloudPoint deployment from Marketplace failed if selecting "Enable regular snapshot of CloudPoint".

**Etrack Incident: 4065935**

- Associated Primary Etrack: 4064437
- Associated Service Request Etrack(s): 4064436
- **Description:**  
`msdpoutil` failed when creating a bucket with error "current user has NO permission of cloud admin".

**Etrack Incident: 4066353**

- Associated Primary Etrack: 4060220
- Associated Service Request Etrack(s): 4060219
- **Description:**  
Google Cloud Platform (GCP) plugin addition failed when a private key had an explicit line break (`\n`).

**Etrack Incident: 4066424**

- Associated Primary Etrack: 4054598
- Associated Service Request Etrack(s): 4066425
- **Description:**  
Some duplicate VMs appeared with properties and sometimes hostname and IP Address blank.

# About SORT for NetBackup Users

This appendix includes the following topics:

- [About Veritas Services and Operations Readiness Tools](#)

## About Veritas Services and Operations Readiness Tools

Veritas Services and Operations Readiness Tools (SORT) is a robust set of standalone and web-based tools that support Veritas enterprise products. For NetBackup, SORT provides the ability to collect, analyze, and report on host configurations across UNIX/Linux or Windows environments. This data is invaluable when you want to assess if your systems are ready for an initial NetBackup installation or for an upgrade.

Access SORT from the following webpage:

<https://sort.veritas.com/netbackup>

Once you get to the SORT page, more information is available as follows:

- **Installation and Upgrade Checklist**  
Use this tool to create a checklist to see if your system is ready for a NetBackup installation or an upgrade. This report contains all the software and the hardware compatibility information specific to the information provided. The report also includes product installation or upgrade instructions, as well as links to other references.
- **Hot fix and EEB Release Auditor**  
Use this tool to find out whether a release that you plan to install contains the hot fixes that you need.

- **Custom Reports**

Use this tool to get recommendations for your system and Veritas enterprise products.

- **NetBackup Future Platform and Feature Plans**

Use this tool to get information about what items Veritas intends to replace with newer and improved functionality. The tool also provides insight about what items Veritas intends to discontinue without replacement. Some of these items include certain NetBackup features, functionality, 3rd-party product integration, Veritas product integration, applications, databases, and the OS platforms.

Help for the SORT tools is available. Click **Help** in the upper right corner of the SORT home page. You have the option to:

- Page through the contents of the help similar to a book
- Look for topics in the index
- Search the help with the search option