

Veritas NetBackup™ Emergency Engineering Binary Guide

Release 8.3 and 8.3.x

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Veritas NetBackup™ Emergency Engineering Binary Guide

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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

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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 35.

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.

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 8.3.0.2

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 8.3.0.2](#)
- [Other known issues resolved in NetBackup 8.3.0.2](#)

Previous EEBs now resolved in NetBackup 8.3.0.2

[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 8.3.0.2 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 using the Veritas Services and Operations Readiness Tools (SORT) website.

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

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2

Etrack Number	EEB Description
3956103, version 24, 23	The EEB bundle contains the fixes for MSDP issues on NetBackup 8.1.2
3956754, version 18	The EEB bundle contains fixes for CloudCatalyst issues on NetBackup 8.1.1.

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (*continued*)

Etrack Number	EEB Description
3958410, version 18, 17	The EEB bundle contains fixes for CloudCatalyst issues on NetBackup 8.1.
3958437, version 16	The EEB bundle contains fixes for CloudCatalyst issues on NetBackup 8.1.2.
3981837, version 24, 23, 22, 21, 20, 19, 18	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.
3989733	nbdisco crashes on the primary server after upgrading NetBackup to 8.2
3996929	Access violation occurred in bpbkar32.exe during a VMware incremental backup.
4000786	Due to high isolation level, sometimes data fetching by NBPEM fails while waiting for its turn to perform isolated transaction.
4004937	OpsCenter view nom_Driveusage shows wrong media server (vmhost).
4007413	Mapping volumes fails if ESP is set to anything other than the first partition.
4008387	Isilon NDMP backup fails with Error bpbbrm (pid=327932) db_FLISTsend failed: network connection timed out (41)
4009129	This EEB will fix issues related to scenario where Image Metadata is associated with Bootvolume.
4009386	Unable to complete defragmentation of OpsCenter 8.2 database on RHEL server.
4009877, version 3, 2, 1	bpjobd optimizations for primary servers with slow ingest from providers, plus debugging.
4010886	Fixes vulnerable JARs.
4010952	NDMP backups failing with status 99 and in the log unimplemented error code 114.
4011563	Bpdown.exe is failing with status 5, due to some performance snapshot validations failing even though all services seems to be down. It causes JRE upgrade to roll back and ends up stopping NetBackup upgrade to latest version.
4011860	Mapping volumes fails if ESP is set to anything other than the first partition.
4012536	Bpdown.exe is failing with status 5, due to some performance snapshot validations failing even though all services seems to be down. It causes JRE upgrade to roll back and ends up stopping NetBackup upgrade to latest version.
4012550	When NAS-Data-Protection policy is in use, NBDeployUtil fails to generate the usage reports for traditional licensing. This applies to the manual mode and scheduled mode of NBDeployUtil.

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (*continued*)

Etrack Number	EEB Description
4012607	Tomcat version 9.0.33 is reported as vulnerable, updating Tomcat to 9.0.37.
4013208	All backups fail after upgrade to NetBackup 8.3 due to machine alias for shortname/fqdn of primary server missing. When machine alias is entered manually, it again disappears after NetBackup services restarts.
4013388	NDMP Accelerator Enabled backups fails with status 13.
4013555	Unable to edit VM query starting with NOT in basic mode.
4013559	Nbdeployutil may fail to generate usage reports for traditional licensing. When 'NAS-Data-Protection' policy is in use, Nbdeployutil would fail to generate the usage reports for traditional licensing.
4013774	After upgrade to 8.3, catalog backup is completes partially successfully.
4013835	RHV 4.4 support in 8.3
4013916	Veritas Smart Meter capacity usage shows around 3 times after upgrading to NetBackup 8.3 (largest currently appears to be Oracle usage).
4014063	Restores fail due to the primary server being selected over a media server for tape drive resources.
4014381	Universal Share deduplication issue occurs with Azure Cloud
4014636	Restoration to original location fails with error code 2820.
4014637	Restoration to original location failing with EC 2820.
4015088	Upgrades Apache Shiro JARs to version 1.6.0.
4015206	Duplicate client entries/VM alias appear in OpsCenter reports after upgrade to NetBackup 8.3.
4015692	MariaDB backups does not always return the correct error code. At times, NetBackup returns status 0 even when job fails.
4015902	nbdeployutil - Capacity Report shows false data
4015947, version 4, 3, 2, 1	The EEB bundle contains fixes for Cloud Catalyst and MSDP Direct Cloud Tiering issues on NetBackup 8.3.0.1.
4016062	Accelerator Forced rescan backup completed with status 1. There is a known issue with NetApp filers where they give 'old' dates and it has been seen where the DUMP_DATE returned comes before the DUMP_DATE performed on the previous incremental.
4016087	RHV 4.4 support in 8.3.0.1

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (*continued*)

Etrack Number	EEB Description
4016286, version 2, 1	Accelerated NDMP images fail with status code 13 due to inode corruption in images. Enable logging to dump BITS and CLRI map.
4016519	nbdiscovers crashes when certain value is NULL
4017052	Corrects problem in NetBackup 8.3 where multiplexed backups to tape are no longer restorable in a domain with a Solaris SPARC primary server. Stops duplication jobs from silently creating corrupt copies of said images.
4017208	bpsetconfig / nbsetconfig are not updating entries for ACCELERATOR_TRACKLOG_FREE_SPACE_PERCENT or ACCELERATOR_TRACKLOG_FREE_SPACE_MB
4017325	Updates spring and common JARs on media server and client.
4017506	Cannot edit VM query starting with NOT.
4017615	bperror CLI reports 'Failed to execute workflow for vmware (2) with request.....'
4017858	After upgrade to 8.3, catalog backup completes partially successfully.
4017957	Universal Share deduplication issue occurs with Azure Cloud.
4018148	Imported images have their retention level set to Infinite when import SLP uses target retention.
4018358	Duplicate client entries/VM alias appear in OpsCenter reports after upgrade to NetBackup 8.3.
4018459	Custom OpsCenter report not displaying expected number of down tape drives.
4018478	For Opscenter version 8.3.0.1, unable to remove objects from Primary Server and Policy views. Delete From Node button remains greyed out or disabled.
4018738, version 1	Required storage unit is not available after upgrade to 8.3.
4018864	Vulnerability is found in itext JAR shipped with OpsCenter.
4019082	EEB contains fix for following: Report window period goes beyond 90 days, Unhandled backup selection format for Oracle.
4019201	Universal share deduplication issue occurs with Azure Cloud.
4019316	With NetBackup 8.2, NDMP Full accelerated backups fail error codes 13, 25 and 233.
4019326	Corrects problem in NetBackup 8.3 where multiplexed backups to tape are no longer restorable in a domain with a Solaris SPARC primary server. Stops duplication jobs from silently creating corrupt copies of said images.

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (*continued*)

Etrack Number	EEB Description
4019473	VxUpdate upgrade of a Windows client fails due to bpps process running.
4019559	The VMDK compression doesn't seem to be working. Not all calls to open the VMDK use the data compression flags.
4019661	When using NBWSS WebSocket channel to invoke NetBackup REST APIs with sensitive request/response body such as credentials.
4019663	When using NBWSS WebSocket channel to invoke NetBackup REST APIs with sensitive request/response body such as credentials.
4019704	When aged third-party backup snapshots are present in Nutanix Prism, if the policy contain Deferential and Full schedule, then stale snapshots are observed on the cluster.
4019812	pspOpenSSL Windows build uses an insecure OPENSSLDIR
4019819	Updates Tomcat to 9.0.38 or higher to resolve CVE-2020-13943 for OpsCenter version 8.2.
4019858	Universal share deduplication issue occurs with Azure Cloud.
4020077	pspOpenSSL Windows build uses an insecure OPENSSLDIR
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.
4020455	Secure information from nbdeployutil appears in the admin log file.
4020493	iSCSI disks are ignored during Windows BMR restore.
4020525	pspOpenSSL Windows build uses an insecure OPENSSLDIR
4020533	Windows NTFS mapping fix for low numbered File IDs seen on some systems.
4020631	Fixes an issue in credential fetching caused by a passphrase that is too long.
4020696	Fixes issues in full and differential backups of universal share and Enables Windows ACLs support on universal share of type SMB.
4021146	pspOpenSSL Windows build uses an insecure OPENSSLDIR
4021177	Tomcat version 9.0.37 shipped with NetBackup affected by CVE vulnerability
4021200	Quota doe not displaying the correct data usage size due to a special AD user account issue.
4021217	pspOpenSSL Windows build uses an insecure OPENSSLDIR

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (*continued*)

Etrack Number	EEB Description
4021284	Jobs delayed starting especially when duplication jobs are started on a Windows primary server with NBAC enabled.
4021310	pspOpenSSL Windows build uses an insecure OPENSSLDIR
4021344	Hbase backup failed with error 13 if hbase.rootdir has cluster namespace of NameNode in hbase.site.xml for hbase.rootdir
4021422	Mapping volumes failed if ESP is set to anything other than the first partition.
4021447	pspOpenSSL Windows build uses an insecure OPENSSLDIR
4021453	pspOpenSSL Windows build uses an insecure OPENSSLDIR
4021454	pspOpenSSL Windows build uses an insecure OPENSSLDIR
4021693	bpbkar32.exe crashes during VMware INCR backup when getting metadata info from a particular size of VMDK.
4021698	Fixed the identifying language name from msi so that it can copy/install the required language specific files in SRT from language pack.
4021722	Universal Share deduplication issue occurs with Azure Cloud.
4021826	OpsCenter Data collection Failed for SLP Image
4021867	Incremental NBDEPLOYUTIL stops working
4021901	pspOpenSSL Windows build uses an insecure OPENSSLDIR
4022061	In the NetBackup web UI and via APIs, fetching storage unit fails with the message "failed to fetch storage unit details".
4022116	pspOpenSSL Windows build uses an insecure OPENSSLDIR
4022185	pspOpenSSL Windows build uses an insecure OPENSSLDIR.
4022198	Unable to complete defragmentation of OpsCenter database.
4022299	bpbkar32.exe crashes during VMware INCR backup when getting metadata info from a particular size of VMDK.
4022378	CVE vulnerability found in Tomcat.
4022733	Restore request with large number of files via bprestore causes bpdbrm to consume all of primary server memory.

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (continued)

Etrack Number	EEB Description
4022764	Bpdwn.exe is failing with status 5, due to some performance snapshot validations failing even though all services seems to be down. It causes JRE upgrade to roll back and ends up stopping NetBackup upgrade to latest version.
4022878	Vulnerability found in itext JAR shipped with OpsCenter 8.3.0.1.
4022884	Browse from pre 8.3 Snapshots fails due to missing tag for QueryAllocatedBlocks in Vix configuration file.
4022987	Capacity (FETB) values for clients/servers protected using NetBackup Self Service (NSS) in usage reports and Usage Insights or Smart Meter.
4023040	Unable to 'Delete from Node' in Settings - Views - Objects on Node as option is greyed out.
4023056	Acceleration not occurring across LSUs when using multi-volume diskgroup
4023131	Unable to complete defragmentation of OpsCenter database.
4023134	Security vulnerability found in older version of tomcat, upgrading to 9.0.40.
4023159	NDMP Direct Copy Duplication to a tape storage unit fails with status code 191 during tape spanning.
4023611	VMware Backups with Replication Director Fails with Exit Status 196.
4023658, version 1	After ECA setup on a primary server, delays are encountered, causing backups to not move forward.
4023752	Oracle RAC DB restore to original server fails with error 'server exited with status 227: no entity was found'
4023793	OpsCenter displays incorrect details intermittently.
4024069	pspOpenSSL Windows build uses an insecure OPENSSLDIR - NetBackup client
4024241	Media not getting released if restore is done from backup spanning Media and when client is identified as SAN client but no FT is found.
4024249	Fixes .f file path getting cleared too early resulting in .f files not being cleaned up properly.
4024335	HP LTO-8 tape drives fail to mount/write WORM media.
4024371	Enabling FIPS for Cloud Storage results in backup failure.
4026419, version 1	Bundle EEB for: - Acceleration not occurring across LSUs when using multi-volume diskgroup. - Getting error in webui when configure multiple volumes in diskpool of ost device.
4026445	MariaDB backups does not always return the correct error code.

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (*continued*)

Etrack Number	EEB Description
4026507	BMR fails to restore Windows client having iSCSI disks.
4026558	VMware snapshot state files are not getting cleaned
4026988	Restoring a VM with SAN transport mode fails with Error 2820.
4027087	After upgrading to NetBackup 8.3, SQL databases running in single user mode fail with status code 6.
4027159	Duplicate client entries/VM alias appear in OpsCenter reports after upgrade to 8.3.
4027300	Jobs are delayed starting especially when duplication jobs are started on a Windows primary server with NBAC enabled.
4027539	This EEB provides security requirements for upgrading Apache Tomcat version to 9.0.40 on NetBackup 9.0.
4027673	Unable to filter cloud assets using 'lastDiscoveredTime' property
4027944	Snapshot removal fix for Snapshot Status 1 jobs with large amounts of metadata.
4027979	Oracle Intelligent Policy and SQL Intelligent Policy may run the wrong schedule for an instance after a failure. If the policy contains multiple instances or an instance group and multiple schedules Full/Archive/TLOG are supposed to run at the same time.
4028002	VMware snapshot state files are not getting cleaned
4028310	Errors occur while duplicating images to MSDP Cloud when Amazon Glacier is configured.
4028486	Support for volume_image_metadata is added
4028517	OpsCenter is using the wrong client names
4028637, version 1	providing tomcat 9.0.43 NetBackup 8.2 to mitigate vulnerabilities
4028685	NetBackup Windows installation process hangs or never finishes initializing.
4028759	nbdeployutil report does not complete
4028775	HP LTO-8 tape drives fail to mount/write WORM media.
4028890	NetBackup NDMP Isilon Weekly backups fail with an status 41 error.
4028944	Oracle backup via OpsCenter fails with 239 when multiple instances are configured in a policy.
4028991	Allows deferred duplication of import copy in target domain.

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (*continued*)

Etrack Number	EEB Description
4029061, version 1	bplist fails with status 227 No Entity found with single file search for Oracle backup.
4029066	Duplicate records in automated data collection cause inflated FETB values in capacity report.
4029596	security vulnerability found in older version of tomcat, upgrading to 9.0.43
4029616, version 1	Upgraded Shiro 1.7.1 to fix CVE-2020-17523 on NetBackup 8.2 primary server.
4029669	NetBackup 8.1 Client is skipping /var/tmp during backup.
4029830	HP LTO-8 tape drives fail to mount/write WORM media.
4029978	Unable to add extra drive to Netbackup Java GUI on primary even though there are currently less than 256.
4030014, version 4, 3, 2, 1	The EEB bundle contains fixes for Cloud Catalyst and MSDP Direct Cloud Tiering issues on NetBackup 8.3.
4030314	Restore of large number of files using bprestore command fail with status 42.
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.
4030376	Windows user having password expiry more than 30 days will not be displayed correctly. It will be displayed after deducting 30 days from total password expiry on user information dialog box.
4030619	nbdisco service crashes frequently on the primary server
4030627	bpsetconfig / nbsetconfig are not updating entries for ACCELERATOR_TRACKLOG_FREE_SPACE_PERCENT or ACCELERATOR_TRACKLOG_FREE_SPACE_MB
4030628	'Exclude swap and paging files' option in NetBackup VMware backup policy only excludes first page file.
4030666	Adds ability to search based on display name in web UI Activity Monitor.
4030834	VxUpdate upgrades of clients with a noexec /tmp directory fail.
4030893	Fix to cleanup VM on a failed vCloud Director import.
4030941	After ECA setup on a primary server, delays are encountered, causing backups to not move forward due to large numbers of entries in CRL file.

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (continued)

Etrack Number	EEB Description
4031123	OpsCenter reports incorrectly show dates in the future when using Time Frame Group by of Weeks of Year
4031137, version 2, 1	The EEB bundle contains fixes for MSDP Direct Cloud Tiering issues on NetBackup 9.0.
4031395	After upgrading CentOS based OpenStack setup, backup / restore is failing as new WebServer is sending non-standard response to APIs
4031563	Enterprise Vault 14 backups with MSSQL 2019 fail with status 130
4031611	OpsCenter view nom_Driveusage shows wrong media server (vmhost)
4032167	Providing tomcat 9.0.43 Netbackup 8.3.0.1 to mitigate vulnerabilities
4032242	Backup is forced for every Differential Incremental backup when TIR Enabled. As a result, the size of bpbkar logs grows quickly with 'detected renamed/new file' message when the file list is very large.
4032294	CVE Vulnerability found in Apache Tomcat
4032321	8.3.0.1 NBDeployutil Capacity Report failing
4032565	Improvements in traditional licensing report for virtualization related information.
4032886	CVE vulnerability found in apache tomcat shipped with opscenter
4032926	Oracle backup via Opscenter fails with 239 when multiple instances configured in policy
4032942	Unable to log in to the NetBackup Administration Console with non-admin user. bpjava-msvc.exe experiences a core dump.
4033018	vxupdate unable to identify bpps process binary path
4033025	NetBackup Windows installation process hangs or never finishes initializing.
4033200	bpjobd optimizations for primary servers, related touch file tuning for media servers.
4033203	upgrading tomcat to 9.0.43 on NetBackup 8.1.2
4033330	NetBackup for MSSQL metadata job is spawned for incorrect client hostname
4033371	Adds ability to search based on display name in web UI Activity Monitor.
4033614	Restoring a VM with SAN transport mode fails with Error 2820.
4033665	MongoDB backup failed with 'The snapshot could not be created. (6658)' if the VG name includes '-' character.

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (continued)

Etrack Number	EEB Description
4033757	When CC server is running as target of duplication or AIR, job fail and in spoold session log there are errors like _dcOpen: can not open file: ***.bin (Input/output error) *** _soStore: caught CR exception: I/O error.
4033853	duplicate client entries/VM alias in opscenter reports after upgrade to 8.3
4033858	Improvements in traditional licensing report for virtualization related information.
4033913	When logging in to NetBackup Web UI, if the password has a 'less than' character, the following error message appears: An invalid API request is encountered.
4034657	NDMP backups are not showing up in nbdeployutil report
4034678, version 2, 1	EEB bundle to solve the NetBackup WEB UI and APIs, fetching storage server and storage units fails.
4034848	Upgrading Apache Tomcat version 9.0.46 on NetBackup 8.1.1.
4034869	OpsCenter reports incorrectly show dates in the future when using Time Frame Group by of Weeks of Year
4034967	NDMP images written with direct access restore could fail to restore.
4035055	Backup is forced for every Differential Incremental backup when TIR Enabled. As a result the size of Netbackup bpbkar logs grows fast with 'detected renamed/new file' messages even at low logging levels.
4035120	Fixes JQuery Vulnerbilly on OpsCenter 9.0.
4035231	ADK 8.1 download and installation link is removed by Microsoft. This fix will solve the issue by using ADK 10 for SRT creation.
4035403, version 1	S-SQL Server backups in a clustered, multi-NIC environment fail with status 239 because an incorrect client name used for backup. The EEB bundles this fix along with the fix for "NetBackup for MSSQL metadata job is spawned for incorrect client hostname."
4035409	When the installagent 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 not completing successfully throwing an exception error stating SQL statement can not be executed.
4035779	VXUpdate failing with status 7226: Cant write to C:\long_path_with_more_than_260_char

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (*continued*)

Etrack Number	EEB Description
4036271	CVE vulnerability found Tomcat Apache shipped with NetBackup
4036296	Instant access restore fails with parsing error due to syncTimeWithHostAllowed
4036318	When performing VMDK restore, bprd times out. bprd was incorrectly being invoked without passing a timeout, resulting in a 30-second timeout being used. This EEB addresses it by including the appropriate 5-minute default timeout.
4036366, version 1	Microsoft has removed ADK 8.1 download link. The customers who don't have already downloaded/installed ADK 8.1, will be blocked from using Windows BMR restores.
4036367	ADK 8.1 download and installation link is removed by Microsoft. If it's not already downloaded/installed, you won't be able to perform Windows BMR restores.
4036832	Restoring a VM with SAN transport mode fails with Error 2820.
4037078	The customers who haven't already downloaded and installed ADK 8.1 are not able to create Windows SRT and cannot perform Windows BMR restore.
4037140	Need EEB to upgrade Tomcat version to 9.0.43 on OpsCenter 8.2
4037296	Improvements in traditional licensing report for virtualization related information.
4037448	Improvements in traditional licensing report for virtualization related information
4037529	Updates JRE version to 291.
4038051	Update JRE version to 291.
4038312	nbsstl -L is dumping core when nbac is enabled.
4038500	Snapshot removal fix for Snapshot Status 1 jobs with large amounts of metadata.
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.
4039158	Oracle restore fails with error 'Server Status: file open failed' on pre-9.1 client and 9.1+ primary server and logging into the BAR GUI as root
4039161	nbdisco service crashes frequently on the primary server
4039184	Support for SAP Hana BRINT 1.5
4039392	Improvements in traditional licensing report for virtualization related information

Table 2-1 Previous EEBs now resolved in NetBackup 8.3.0.2 (*continued*)

Etrack Number	EEB Description
4039494	VxUpdate for 8.3.0.1 hangs on Winodws platforms and logs constantly until the FS becomes full
4039589, version 2	SQL databases running in single user mode fail with status code 6, and MS-SQL Server backups in clustered, multi-nic environment failing with status code 239.
4039605	Fix for: nbdeployutil incremental report creates a blank line in Capacity_Itemization.out - causing the licensing API call to fail with HTTP error 500
4040087	After ECA setup on a primary server, delays are encountered, causing backups to not move forward - Flex specific.
4040106	Oracle restore fails with error 'Server Status: file open failed' on pre-9.1 client and 9.1+ primary server and logging into the BAR GUI as root.
4040154	HP LTO-8 tape drives fail to mount/write WORM media.
4040210, version 1	Java GUI Security Issue.
4040252	Java GUI security issue.
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
4040970, version 3, 2, 1	The EEB bundle contains fixes for MSDP issues on NetBackup 9.1
4040994, version 1	Java GUI security issue.
4041643	Restoring a VM with SAN transport mode fails with Error 2820.
4042104	VXUpdate failing with status 7272: Cant write to C:\long_path_with_more_than_260_char
4043310	MSSQL backup jobs failing with STATUS CODE 239
4043724	NetInsight is reporting incorrect sizes for NDMP images

Other known issues resolved in NetBackup 8.3.0.2

This topic contains a list of some of the known issues that were fixed and included in the NetBackup 8.3.0.2 release.

Etrack Incident: 4040952

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:
Secure information was logged in plain text in nbwebservices logs for adding a NetBackup primary server in VRP RM.

Etrack Incident: 4041255

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

Etrack Incident: 4041682

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:
OCSP verify caused an issue in several environments.

Etrack Incident: 4042357

- Associated Primary Etrack: 4017387
- Associated Service Request Etrack(s): 4017386
- Description:
Appliance media server upgrades failed if the `vm.conf` file was present.

EEBs and other known issues resolved in NetBackup 8.3.0.1

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 8.3.0.1](#)
- [Other known issues resolved in NetBackup 8.3.0.1](#)

Previous EEBs now resolved in NetBackup 8.3.0.1

[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 8.3.0.1 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 using the Veritas Services and Operations Readiness Tools (SORT) website.

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

Table 3-1 Previous EEBs now resolved in NetBackup 8.3.0.1

Etrack Number	EEB Description
3981837, version 17, 16	The EEB bundle contains fixes for Cloud Catalyst issues on NetBackup 8.2.

Table 3-1 Previous EEBs now resolved in NetBackup 8.3.0.1 (*continued*)

Etrack Number	EEB Description
3987486, version 2	There are currently no limits on how many AIR jobs can run simultaneously. This can cause a lot of contention for NetBackup resources (such as overloading nbrb) and storage resource (too many jobs trying to write to the same replication target).
3990911	Unable to run Capacity Licensing Report from OpsCenter - seeing "invalid command parameter" when running bpflist as part of gather process.
3993611	Upgrade to Tomcat version 8.5.53 on OpsCenter 8.2 Server is required due to security vulnerabilities.
3993744	Tomcat certificate renewal did not update jks files on a Windows cluster.
3993893	Oracle backups are causing service restarts.
3996250	Upgrade to Tomcat version 8.5.53 on OpsCenter 8.1.2 Server is required due to security vulnerabilities.
3996536	NetBackup 8.2 GUI cannot expand the tablespace list when trying to browse DB2 database structure.
4000282	Windows 8.1.2 client backed up with multiple policies fails during BMR DSR to a HyperV VM with 1002 (Failed to verify backup).
4001960	This EEB adds NetBackup for OpenStack enhancements: 1. Global Admin 2. Ceph based Cinder volume support 3. Save extra metadata
4003077	DFSR backup fails while taking an excessive amount of time in preprocessing.
4003306	NetBackup does not support use of an alternate read server when performing replication operations.
4004215	Tomcat certificate renewal did not update jks files on a Windows cluster.
4004732	A functionality exception occurs for BMR supporting a restore when the client is using two different networks to connect to master and media servers.
4004754	A stack overflow is often caused by bpbkar32 during VADP backup.
4004911	Netbackup is connecting to old VMs which have been removed from all policies, but still exist in domain_PolicyClient table.
4005824	nbcomponentupdate failed to update JRE due to version check.
4005935, version 1	SLP processing jobs are not submitted as expected. While some SLP jobs may be submitted, others are not. As a result, the SLP backlog rises.
4005955	VMware backup of Windows Server 2019 causes backup host to become unresponsive.

Table 3-1 Previous EEBs now resolved in NetBackup 8.3.0.1 (*continued*)

Etrack Number	EEB Description
4006181	After JRE is upgraded using nbcomponentupdate and then clicking in jnbSA Admin GUI 'Configure Storage Devices', the cursor rotates but nothing happens.
4006226	Upgrade to Tomcat version 8.5.55 or later on the master server is required to address Tomcat vulnerability CVE 2020-9484.
4006544	Client Direct backups fail due to incorrect network interface being used.
4006681, version 3, 2, 1	Vault eject jobs intermittently hang during multi-MAP operation on NetBackup 8.2
4006761	Upgrade to Tomcat version 8.5.5 or later on OpsCenter is required to address Tomcat vulnerability CVE 2020-9484.
4006997	Unexpected results after installation of an EEB which is a fix for Accelerator.
4008558	Upgrade to Tomcat version 8.5.56 or 9.0.36 later is required to address Tomcat vulnerabilities CVE-2020-11996 and CVE-2020-9484.
4008630	After recovering the machine from Windows All Local drives backup, the SQL Instance does not start up. The services for the SQL Instance does not start.
4008675	After recovering the machine from Windows All Local drives backup, the SQL Instance does not start up. The services for the SQL Instance does not start.
4008711	This EEB contains a newer Sybase SQL Anywhere patch - 17.0.10.6160 to fix the issue of database server crash.
4008911	Performance issues occur during VMware restore. The GUI takes some time to populate before the restore starts.
4009001	After recovering the machine from Windows All Local drives backup, the SQL Instance does not start up. The services for the SQL Instance does not start.
4009029	Remote Java GUI SSO is case sensitive.
4009086	VMware backup of Windows Server 2019 causes backup host to become unresponsive.
4009140	A security vulnerability is found in lower version of Tomcat.
4009303	VxUpdate EEB for NB 8.1.2 required for Java vulnerability.
4009313	Oracle backups are causing service restarts.
4009785	Amazon cloud snapshot replica retention is not honored when it is different from the primary snapshot retention.

Table 3-1 Previous EEBs now resolved in NetBackup 8.3.0.1 (*continued*)

Etrack Number	EEB Description
4010272	When users duplicate an image from AdvanceDisk or other non-MSDP storage to Cloud Catalyst, no IM and TIR of images are created. Therefore, images in cloud storage cannot be listed by image sharing.
4010300	Microsoft is using '*.avs.azure.com' for domain name, which NetBackup does not support.
4010336	Amazon cloud snapshot replica retention is not honored when it is different from the primary snapshot retention.
4010434	certmapinfo.json is corrupted on two media servers simultaneously.
4010448	Microsoft is using '*.avs.azure.com' for domain name, which NetBackup does not support.
4010741	After upgrading the NetBackup master server to 8.3, BMR backup jobs may report failure.
4010780	Proxy restores are failing when multiple users on a single machine are doing proxy backups.
4011035	A functionality exception occurs for BMR supporting a restore when the client is using two different networks to connect to master and media servers
4011276, version 1	SLPs offer the ability to configure an alternate read server when the storage configuration allows multiple media server to access the storage server. There is no equivalent for replications. This EEB adds that change.

Other known issues resolved in NetBackup 8.3.0.1

This topic contains a list of some of the known issues that were fixed and included in the NetBackup 8.3.0.1 release.

Etrack Incident: 4009233

- Associated Primary Etrack: 4007682
- Associated Service Request Etrack(s): 4007681
- Description:
After running the POGather and imgchk utilities, many orphaned images were found on the MSDP pool.

Etrack Incident: 4009236

- Associated Primary Etrack: 4008600
- Associated Service Request Etrack(s): 4008599
- Description:

Some jobs failed to backup to MSDP storage with status code 84 after an appliance upgrade from 3.0 to 3.1.2.

Etrack Incident: 4010164

- Associated Primary Etrack: 3998149
- Associated Service Request Etrack(s): 3998148
- Description:
When trying to move EMM database files with the `nbdb_move` command, lock file `vxdbms_conf.lock` was not moved from the original location.

Etrack Incident: 4010447

- Associated Primary Etrack: 4010356
- Associated Service Request Etrack(s): 4010300
- Description:
In a restricted VMware Cloud VMC) or Azure VMware Solutions (AVS) environment, backups completed with error messages associated with the domain name.

EEBs and other known issues resolved in NetBackup 8.3

This chapter includes the following topics:

- [Previous EEBs now resolved in NetBackup 8.3](#)
- [Other known issues resolved in NetBackup 8.3](#)

Previous EEBs now resolved in NetBackup 8.3

[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 8.3 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 using the Veritas Services and Operations Readiness Tools (SORT) website.

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

Table 4-1 Previous EEBs now resolved in NetBackup 8.3

Etrack Number	EEB Description
3919360	'Restore without access control' does not work with OpsCenter operational restore.
3919447	The NetBackup database server uses a high amount of CPU if the database contains many image fragments and media IDs.

Table 4-1 Previous EEBs now resolved in NetBackup 8.3 (*continued*)

Etrack Number	EEB Description
3938993	DFSR backup takes more than 3 days to complete.
3942306	DFSR backup takes more that 3-days to complete.
3952214	Hyper-V SAN backups fails with error code 10 when the cluster name is used in a Hyper-V intelligent policy.
3957730	Child jobs for Oracle and Microsoft SQL policies fail with 196 errors when the Daylight Savings change happens in countries where the time change happens at midnight between Saturday and Sunday (mostly South American such as Brazil, Chile, and Paraguay).
3962001	During Image Cleanup job, Sybase database server hits 100% CPU.
3963053	Child jobs for Oracle and Microsoft SQL policies fail with 196 errors when the Daylight Savings change happens in countries where the time change happens at midnight between Saturday and Sunday (mostly South American such as Brazil, Chile, and Paraguay).
3963213, version 1	Beginning one week after a Daylight Savings Time change, SQL and Oracle intelligent policy jobs can fail with a 196 error (window is closed). The jobs will then be retried every minute and continue to fail.
3965078	DFSR backups take a long time because the backup did not handle DFSR reparse points correctly.
3969572	During Image Cleanup job, Sybase database server hits 100% CPU.
3977233	In the case of a Flex set-up, unable to perform catalog recovery restore of the ACL when the owner is not root.
3978133	'Restore without access control' does not work with OpsCenter operational restore.
3980797	During Image Cleanup NB_dbsrv i.e., Sybase database hits 100% CPU.
3981161	HBase Backup run only has discovery job, no child jobs.
3981479	Disabled curl verbosity as it was displaying client_secret, password values for AAD and ADFS mechanisms, respectively.
3983247	VXupdate shuts down vmd.exe without checking to see if it is a Veritas process.
3983414	Higher capacity usage for clients since FEDS posting started. Duplicate entries are seen for client and policy combination one with FQDN and other with shortname. Lower usage reported for NDMP policies.
3986209, version 2	nbrestorevm fails when using the -vcdlfree switch.
3986477	Nbdeployutil and OpsCenter Capacity Report are not similar

Table 4-1 Previous EEBs now resolved in NetBackup 8.3 (*continued*)

Etrack Number	EEB Description
3986700	Clients Not Backed Up report showing clients with successful backups.
3987098	nbdeployutil incremental report shows duplicate entries for VMWare VMs, one with lowercase and the other with uppercase in the Itemization tab. Also, higher usage is reported in the Summary tab.
3987300	Individual nodes are being listed in itemization tab for Clustered FS backup. Duplicate entries are being seen for Exchange clients in itemization tab.
3987480, version 2	nbrostorevm fails with -vcldfree switch. vCloud Director VIP smart query and restore times out/fails. Support for vCloud director 9.5.
3987911	During image cleanup nb_dbsrv is getting 100% cpu and media servers lose connection to nbemm.
3988297	In the case of a Flex set-up, unable to perform catalog recovery restore of the ACL when the owner is not root.
3988709	AIX standard backup failing with status 69.
3989338	SQL Server backup fails when Windows security prevents use of CryptAcquireContext API.
3989691	For restore the GUI fetches the ESX server list every time from the VC. This takes a long time during configuration of the restore jobs from the GUI.
3990280	NBSL Issues
3990515	nbdeployutil is failing to generate usage file required for Smart Meter.
3990841	Hyper-V SAN backups fails with error code 10 when the cluster name is used in a Hyper-V intelligent policy.
3991031	When switching a VMware vCloud policy from Advanced Mode to Basic Mode, the AND operator is removed from 'AND NOT' causing policy to fail to save or jobs to fail with Status 46.
3992152, version 3, 2, 1	Backup jobs of NetBackup Hypervisor backup policy for Nutanix AHV fails with an error code 84 when the Accelerator option is enabled in the policy configuration.
3992514	Unable to add NDMP host credentials for Master server
3993530	Required EEB for OpsCenter 8.2.
3993547	nbdbadmin command fails to launch in cluster master. Error: 'This tool can not be run remotely. You can only run it on the master server.'

Table 4-1 Previous EEBs now resolved in NetBackup 8.3 (*continued*)

Etrack Number	EEB Description
3993555	DFSR backups take a long time because the backup did not handle DFSR reparse points correctly.
3994645	An error occurs when nbdeployutil is run manually and incremental: "SQL query failed to execute". This EEB also adds a fix to use master-server name in a non-case-sensitive way.
3994786	Clients Not Backed Up report showing clients with successful backups.
3994999	nbdeployutil capacity report shows duplicate client entries and causing discrepancy.
3995025	Improving the efficiency and behavior of hostdb.cache
3995098	DB backup too slow, Arithmetic overflow error converting expression to data type int.
3995706	When choosing use defaults from master in the SAN client preferences, the box is no longer checked when reopening the preferences.
3996001	Security Vulnerabilities with the older version of Tomcat.
3996035	Nbdeployutil and OpsCenter Capacity Report are not similar
3996226	Fix for Certificate Revocation List(CRL) issue for cloud storage server.
3996230	The new nbstlutil completion_report option will display the completion status for SLP processing on a per-client basis.
3996231	Addresses bpbkar logging vulnerability (symlink highjack of log file by non-root user can overwrite system files).
3996316	nbaudit seems to block security events and restore functionality in NetBackup when OpsCenter Datacollection is enabled
3996429	A one-time script was created to address a specific condition. The script will not be included in any other release vehicle.
3996471	JRE needs to be upgraded to 1.8_241
3996729	Lower version of Tomcat has a security vulnerability.
3997079	BMR backup completes with status 1.
3997462	8.2 - Security Scanner has detected TomCat version needs to be updated.
3998442	VM backup images were corrupt with the wrong file number due to another EEB. This EEB fixes the file number in the case that it's needed to be able to perform a full VM restore.
3998503, version 1	Current NetBackup SLP practice is to submit jobs containing the oldest images first. This EEB provides the option to submit jobs containing the newest images first.

Table 4-1 Previous EEBs now resolved in NetBackup 8.3 (*continued*)

Etrack Number	EEB Description
3998707	EMC Isilon backups failing with "got unexpected name from Paxheader," unexpected extended header content, index, size.
3998779	Alerts not being generated and not displayed in manage/alerts API output for vault jobs.
3999093	AIX standard backup failing with status 69.
3999095	Standard Backup failed with Status Code 69 on AIX.
3999254	PostgreSQL - VxBSACreateObject: ERR - resourceType too long: 33 bytes.
3999332	The instant access VM didn't restore the VM option 'Synchronize guest time with host'.
3999636	If a virtual machine data is protected, irrespective of the policy type, it is part of a virtual workload. This EEB is applicable for NetBackup clients installed on VMs hosted on VMware, Hyper-V, RHV, Nutanix-AHV, OpenStack, and AzureStack platform.
3999639	If a virtual machine data is protected, irrespective of the policy type, it is part of a virtual workload. This EEB is applicable for NetBackup clients installed on VMs hosted on VMware, Hyper-V, RHV, Nutanix-AHV, OpenStack, and AzureStack platform.
3999706	Windows install using silentclient.cmd will not work if Master Server cannot be contacted, even with all NBCA/ECA entries marked as 'SKIP'
3999724, version 1	Backport of new In Place Disk Option for VMDK Restore feature along with VMware bundle.
3999785	OpsCenter becomes unresponsive
3999796	Support of MongoDB over CentOS for 8.2 MongoDB plugin version
4000090	Hyper-V VM is backed up by Hyper-V policy and the NetBackup client installed inside the same guest VM is backing non file-system workloads (using policy types other than Standard/MS-Windows). You are only charged for the virtual machine (VM) backup.
4000113	NB_dbsrv utilizing high memory - OpsCenter Audit Data Collection issue
4000122	Child jobs for Oracle and Microsoft SQL policies fail with 196 errors when the Daylight Savings change happens in countries where the time change happens at midnight between Saturday and Sunday (mostly South American such as Brazil, Chile, and Paraguay).
4000213	VM backup images were corrupt with the wrong file number due to another EEB. Restore of these VM's fails with status 1.
4000324	The postMerge stored procedure marks valid=0, status=6 master servers as valid=1, status=3 and also adds them to the ALL MASTER SERVERS view

Table 4-1 Previous EEBs now resolved in NetBackup 8.3 (*continued*)

Etrack Number	EEB Description
4000364	Hyper-V VM is backed up by Hyper-V policy and the NetBackup client installed inside the same guest VM is backing non file-system workloads (using policy types other than Standard/MS-Windows). You are only charged for the virtual machine (VM) backup.
4000365	8.2 - Security Scanner has detected TomCat version needs to be updated. [Netbackup.war fix]
4000366	RHV VM is backed up by Hypervisor policy and the NetBackup client installed inside the same guest VM is backing file-system or application workloads (using policy types such as Standard/MS-Windows, MS-SQL-Server). You are only charged for the VM backup.
4000656	Netbackup 8.2 build your own Apache/Tomcat vulnerability
4001978, version 1	Current NetBackup SLP practice is to submit jobs containing the oldest images first. This EEB provides the option to submit jobs containing the newest images first.
4002172, version 2, 1	EEB Bundle containing two NBSL fixes: OpsCenter Data Collection is not working and the NBSL service is getting crash frequently on cluster master server.
4002686	Frequent abnormal growth of DBM DATA and processes crashing intermittently.
4002934	MySQL scripts fail to execute.
4003351	Microsoft started supporting async snapshot support for azurestack. Few customers reported that application crashed if we take backup while heavy IO is in process.
4003461	(8.1.2) NetBackup for SQL Server backup fails but reports success to Microsoft SQL Server.
4003934	When using ECA and disabled CRL check from client, customers are able to see CRL refresh request from client host to master server. This unexpected communication might overload the master server in large environments.
4004205, version 1	Bundle to address web services/API issues in 8.2 along with Tomcat upgrade to 8.5.53
4005496	Hyper-V SAN backups fails with error code 10 when the cluster name is used in a Hyper-V intelligent policy.
4006143, version 1	Master server hangs, jobs are not starting and cannot be cancelled.
4006890, version 1	Isilon NDMP backup failing with a 'network connection timed out' error.
4007693, version 1	Combining EEBs which address issues with nbdeployutil and web services
4007892, version 2, 1	Storage Unit and Storage Unit group collectors are failing in OpsCenter
4008096	For restore the GUI fetches the ESX server list every time from the VC. This takes a long time during configuration of the restore jobs from the GUI.

Other known issues resolved in NetBackup 8.3

This topic contains a list of some of the known issues that were fixed and included in the NetBackup 8.3 release.

Etrack Incident: 3994741

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:
 The OpsCenter Tuning Information Feature was added to show actual and recommended sizes for database cache, server service heap, and gui service heap size and recommended size.

Etrack Incident: 3996601

- Associated Primary Etrack: 3995942
- Associated Service Request Etrack(s): 3995941
- Description:
 When running nbdeployutil, particularly for the first time, the compressed catalog entries were uncompressed for nbdeployutil to consume, but are left uncompressed after the tool had parsed the particular folder. This resulted in the disk on which the catalog is located in to fill up and eventually causes NetBackup to stop working.

Etrack Incident: 4000184

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:
 This issue updated Apache Shiro version in mainline to v1.5.2 due to a reported vulnerability.

Etrack Incident: 4000607

- Associated Primary Etrack: 3998482
- Associated Service Request Etrack(s): 3998481
- Description:
 A 5240 Appliance was displaying an error when starting services related to universal shares, which are not supported in this system.

Etrack Incident: 4000676

- Associated Primary Etrack: N/A

- Associated Service Request Etrack(s): N/A
- Description:
This issue updated Spring framework, Spring data, and Spring security versions in mainline to 5.2.5, 2.2.6 and 5.3.1 respectively, due to a reported vulnerability.

Etrack Incident: 4001749

- Associated Primary Etrack: 3999913
- Associated Service Request Etrack(s): 3999912
- Description:
High memory usage was reported by the nborautil process.

Etrack Incident: 4002347

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:
Backup and restore jobs failed. A successful request was made to subscribe an asset to a protection plan but it returned a status code of 500. An attempt to delete the protection plan failed.

Etrack Incident: 4004049

- Associated Primary Etrack: 4002916
- Associated Service Request Etrack(s): 4002915
- Description:
With a new configuration of instant access VM, performing a restore from the etNacup web UI failed and showed the error message "Failed to get version from the Netbackup deduplication server".

Etrack Incident: 4005269

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:
When creating snapshots in the same Resource Group as the VM, snapshots were deleted when the Resource Group was deleted, resulting in a break of the retention policy.

Etrack Incident: 4005897

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

- Description:
When restoring files to a VM with instant access, the option "overwrite existing file" was grayed and therefore unavailable to be enabled.

Etrack Incident: 4006778

- Associated Primary Etrack: 4006221
- Associated Service Request Etrack(s): 4006220
- Description:
"fsdb duplicate inode" was detected after installation of Cloud Catalyst EEB bundles.

Etrack Incident: 4007040

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:
Cloud Catalyst file system operations generated a "write timed out" error.

Etrack Incident: 4007701

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:
Original text: N/A. Edited text for RN: When a user created a resiliency group for a VM in the Veritas Resiliency Platform (VRP) and chose not monitor the RPO, it was reflected as "RPO met" in the NetBackup web UI under **Resiliency Blade > Automated List**.

Etrack Incident: 4007703

- Associated Primary Etrack: N/A
- Associated Service Request Etrack(s): N/A
- Description:
When a user clicked on **Resiliency Blade -> not automated -> VM (automate for recovery)**, the xlaunch landed into an unmanaged view of Veritas Resiliency Platform (VRP), but it did not select the VM for further action in VRP UI. This left the user searching for the VM in the UI.

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