

Custom Reports Using Data Collectors

NetBackup (OpenVMS 8.2 - IA-64) was last updated in the 7.5GA release.

Installation and Upgrade Checklist Report for NetBackup Server 8.0, OpenVMS 8.2, IA-64

This platform is supported only as a client.

Important Notes

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No new versions for NetBackup OpsCenter after 10.0.0.1

NetBackup 10.0 (including maintenance release 10.0.0.1) is the last NetBackup version to include NetBackup OpsCenter and OpsCenter Analytics.
Please refer to [NetBackup OpsCenter last release and transition to NetBackup IT Analytics FAQ](#) for more information.

The End of Life (EOL) for NetBackup Master and Media Servers running on HPUX and AIX after NetBackup 8.1.1

Disclaimer: The End of Life (EOL) for NetBackup Master and Media Servers running on HPUX and AIX. This EOL does not apply to client support for either platform. These operating systems will no longer be supported commencing with the planned NetBackup release in mid CY2018.
Customers will need to migrate to a supported version of either a Linux or Solaris prior to attempting to upgrade to the planned End of Life release. To enable this NetBackup Engineering plans to release either a process or tool to assist customers in migrating from these platforms to a supported platform. Customers can also request a cost quote from Veritas Consulting services to perform the migration or if the customer has Business Critical Services (BCS) they can contract the BCS team for migration assistance.
Both platforms will remain supported on older versions of NetBackup and will follow the published Product End of Life Policy guidelines (https://www.veritas.com/support/en_US/article.000116439).

The End of Life (EOL) for NetBackup running on RedHat, Oracle and CentOS 6.7 and older after NetBackup 8.1.1

Disclaimer: The End of Life (EOL) for NetBackup running on RedHat, Oracle and CentOS 6.7 and older after NetBackup 8.1.1. These operating systems will no longer be supported commencing with the planned NetBackup release in mid CY2018. No changes in support to 6.8 and newer versions.

All NetBackup Servers, Clients, OpsCenter Server, NetBackup Appliance and Access

VTS17-003: Multiple Vulnerabilities in Veritas NetBackup, NetBackup Appliances and Access - [VTS17-003](#).

All NetBackup OpsCenter Servers

Impact of security vulnerability CVE-2017-5638 on OpsCenter Server - 000125967.

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NetBackup (OpenVMS 8.2 - IA-64) was last updated in the 7.5GA release.

Procedure Overview:

The OpenVMS client has not been updated for this release. The last update for the OpenVMS client was the 7.5GA release - that version is available on the 8.0 media.

To obtain the 8.0 release, please go to

In order to install NetBackup Server 8.0, follow the installation instructions found in the [NetBackup 8.0 Installation Guide for UNIX and Windows](#)

Be sure to review the [Updates, Patches and Late Breaking News for NetBackup 8.0](#).

For NetBackup clients, Veritas has developed [deployment templates for Chef & SCCM](#), so that customers can deploy them at scale. The templates will help you to perform installation, upgrade and uninstall NetBackup clients.

Compatibility between NetBackup versions for Client

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For compatibility between major versions, the latest available release of NetBackup is compatible with media servers and clients that run a release of NetBackup that is up to one major version behind. However, this compatibility ceases to be supported in any configuration once the previous major version has reached its End of Support Life.

For information on Veritas End of Life Policy, refer to https://www.veritas.com/support/en_US/article.000116439

NetBackup does not support any scenario where a media server or client runs a software release update version that is higher than that of their Master server.

For more information, refer to the NetBackup Release Notes and the NetBackup Upgrade Guide: https://www.veritas.com/support/en_US/article.000116412

NetBackup Master Server	NetBackup Media Server	NetBackup Client
8.0	7.0	7.0
8.0	7.0.1	7.0, 7.0.1
8.0	7.1, 7.1.0.x	7.0, 7.0.1, 7.1, 7.1.0.x
8.0	7.5, 7.5.0.x	7.0, 7.0.1, 7.1, 7.1.0.x, 7.5, 7.5.0.x
8.0	7.6, 7.6.0.x	7.0, 7.0.1, 7.1, 7.1.0.x, 7.5, 7.5.0.x, 7.6, 7.6.0.x
8.0	7.6.1, 7.6.1.x	7.0, 7.0.1, 7.1, 7.1.0.x, 7.5, 7.5.0.x, 7.6, 7.6.0.x, 7.6.1, 7.6.1.x
8.0	7.7	7.0, 7.0.1, 7.1, 7.1.0.x, 7.5, 7.5.0.x, 7.6, 7.6.0.x, 7.6.1, 7.6.1.x, 7.7
8.0	7.7.1	7.0, 7.0.1, 7.1, 7.1.0.x, 7.5, 7.5.0.x, 7.6, 7.6.0.x, 7.6.1, 7.6.1.x, 7.7, 7.7.1
8.0	7.7.2	7.0, 7.0.1, 7.1, 7.1.0.x, 7.5, 7.5.0.x, 7.6, 7.6.0.x, 7.6.1, 7.6.1.x, 7.7, 7.7.1, 7.7.2
8.0	7.7.3	7.0, 7.0.1, 7.1, 7.1.0.x, 7.5, 7.5.0.x, 7.6, 7.6.0.x, 7.6.1, 7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3
8.0	8.0	7.0, 7.0.1, 7.1, 7.1.0.x, 7.5, 7.5.0.x, 7.6, 7.6.0.x, 7.6.1, 7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3, 8.0
8.1	7.7	7.6, 7.6.0.x, 7.6.1, 7.6.1.x, 7.7
8.1	7.7.1	7.6, 7.6.0.x, 7.6.1, 7.6.1.x, 7.7, 7.7.1
8.1	7.7.2	7.6, 7.6.0.x, 7.6.1, 7.6.1.x, 7.7, 7.7.1, 7.7.2
8.1	7.7.3	7.6, 7.6.0.x, 7.6.1, 7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3
8.1	8.0	7.6, 7.6.0.x, 7.6.1, 7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3, 8.0

Veritas Services and Operations Readiness Tools (SORT)

8.1	8.1	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3, 8.0, 8.1
8.1.1	7.7	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7
8.1.1	7.7.1	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1
8.1.1	7.7.2	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2
8.1.1	7.7.3	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3
8.1.1	8.0	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3, 8.0
8.1.1	8.1	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3, 8.0, 8.1
8.1.1	8.1.1	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3, 8.0, 8.1, 8.1.1
8.1.2	7.7	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7
8.1.2	7.7.1	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1
8.1.2	7.7.2	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2
8.1.2	7.7.3	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3
8.1.2	8.0	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3, 8.0
8.1.2	8.1	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3, 8.0, 8.1
8.1.2	8.1.1	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3, 8.0, 8.1, 8.1.1
8.1.2	8.1.2	7.6, 7.6.0.x,7.6.1,7.6.1.x, 7.7, 7.7.1, 7.7.2, 7.7.3, 8.0, 8.1, 8.1.1, 8.1.2
8.2	8.0	7.7.3, 8.0
8.2	8.1	7.7.3, 8.0, 8.1
8.2	8.1.1	7.7.3, 8.0, 8.1, 8.1.1
8.2	8.1.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2
8.2	8.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2

Veritas Services and Operations Readiness Tools (SORT)

8.3	8.0	7.7.3, 8.0
8.3	8.1	7.7.3, 8.0, 8.1
8.3	8.1.1	7.7.3, 8.0, 8.1, 8.1.1
8.3	8.1.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2
8.3	8.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2
8.3	8.3	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2, 8.3
8.3	8.3.0.1	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2, 8.3, 8.3.0.1
8.3	8.3.0.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2, 8.3, 8.3.0.1, 8.3.0.2
8.3.0.1	8.1	7.7.3, 8.0, 8.1
8.3.0.1	8.1.1	7.7.3, 8.0, 8.1, 8.1.1
8.3.0.1	8.1.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2
8.3.0.1	8.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2
8.3.0.1	8.3	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2, 8.3
8.3.0.1	8.3.0.1	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2, 8.3, 8.3.0.1
8.3.0.1	8.3.0.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2, 8.3, 8.3.0.1, 8.3.0.2
8.3.0.2	8.1	7.7.3, 8.0, 8.1
8.3.0.2	8.1.1	7.7.3, 8.0, 8.1, 8.1.1
8.3.0.2	8.1.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2
8.3.0.2	8.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2
8.3.0.2	8.3	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2, 8.3
8.3.0.2	8.3.0.1	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2, 8.3, 8.3.0.1
8.3.0.2	8.3.0.2	7.7.3, 8.0, 8.1, 8.1.1, 8.1.2, 8.2, 8.3, 8.3.0.1, 8.3.0.2

Other general rules for compatibility:

- OpsCenter/OpsCenter Analytics must always be running the same or higher Dot-Zero or Single-Dot or Double-Dot release as the master servers in the environment.

- All components (master, media, client, console, and agent) on an individual system must be at the same version.
- Backup images created under an older version of NetBackup will always be recoverable with a newer version of NetBackup
- A new feature may not be functional until the master, media and client are updated.
- Administration Consoles cannot be at an earlier version than the NetBackup server version they connect to via the "change server" functionality in the console

Late Breaking News - Available Hot Fixes for Client

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Available hot fixes - for details and download information, consult the Update link in the table.

For more information about installation instructions, please review [NetBackup 8.0 on Support site](#).

Hot Fix	Description	Install Location
UPD751814	NetBackup tool - NetBackup Catalog Consistency Repair Utility (NBCCR) (article 100005779)	Primary(Master) Server, Media Server, Client
UPD639818	NetBackup tool - NetBackup Catalog Consistency Utility (NBCC) (article 100005778)	Primary(Master) Server, Media Server, Client
UPD627874	NetBackup 8.0 / 3.0 Hotfix - Certificates not renewed automatically (Etrack 3967584)	Primary(Master) Server, Media Server, Client
UPD675565	NetBackup Self Service Portal 8.0.1 Maintenance Release - provides fixes for NetBackup Self Service 8.0 (article 100038977)	Primary(Master) Server, Media Server, Client
UPD824777	NetBackup Self Service 8.0.3 Maintenance Release - provides fixes for NetBackup Self Service 8.0 (article 100000487)	Primary(Master) Server, Media Server, Client
UPD600856	NetBackup 8.0 / 3.0 Hotfix - MSDP MD5-SHA256 FP pre-conversion (Etrack 3956406)	Primary(Master) Server, Media Server, Client

UPD885754	NetBackup 8.0 / 7.7.3 HotFix - SQL instance is skipped, but backup completes successfully with status code 0 reported (article 100000476)	Primary(Master) Server, Media Server, Client
UPD840894	NetBackup Self Service Portal 8.0.2 Maintenance Release (article 100039064)	Primary(Master) Server, Media Server, Client
UPD776410	NetBackup 8.1, 8.0, 7.7.3 Hotfix - issues when Daylight Savings Time (DST) changes take place at midnight (article 100043984)	Primary(Master) Server, Media Server, Client
UPD472869	NetBackup 8.0 Language Pack (article 100033377)	Primary(Master) Server, Media Server, Client
UPD866480	NetBackup 8.0 Tool - nbdiagutil (article 100039978)	Primary(Master) Server, Media Server, Client
UPD608467	NetBackup and NetBackup Appliance HotFixes - security advisory VTS17-004 (article 100000479)	Primary(Master) Server, Media Server, Client
UPD959043	NetBackup nbdeployutil 8.1.1+ HotFix - Overlap detection (article 100040123)	Primary(Master) Server, Media Server, Client
UPD238422	Bare Metal Restore Third-Party Products CD (3PPCD)	Primary(Master) Server, Media Server, Client
UPD344759	NetBackup Java Administration Console Language Pack (article 100033052)	Java Administration Console

NetBackup Documentation References:

[Guidelines for the availability of EEB/hotfixes
Updates, Patches and Late Breaking News for NetBackup 8.0](#)

Required Patches

There is no information found for this section.

NetBackup Documentation References:
[NetBackup 8.0 Release Notes](#)

NetBackup Appliances

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NetBackup Appliances are Veritas-branded devices offering backup and deduplication solutions for enterprise environments in an appliance form factor. For more information, see the "[NetBackup Appliances](#)" page.

NetBackup 5200 Series (Master/Media Server/CloudCatalyst), 5300 Series (Media Server), Virtual, and Flex Appliances

The following tables list NetBackup 5200 Series, 5300 Series, and Virtual release versions, the Appliance models supported with each version, and the NetBackup Release version on which it is based.

There is also a table listing NetBackup Flex Appliance versions, the Appliance models supported with each version, and the Master Server and Media Server versions supported with each version.

Documentation for NetBackup Appliances [is available here](#). Late breaking news related to NetBackup Appliances [is available here](#).

NetBackup Appliance packages and hotfixes [are available on Downloads Center](#).

NOTE: References to NetBackup 5200 and 5220 Appliances have been removed from this document since these models are no longer supported.

NetBackup 5300 Series - Supported Versions

NetBackup 5300 Series Appliance Release	Supported NetBackup Appliance Models	Based on NetBackup Release
3.1.2	5340, 5330	8.1.2
3.1.1	5340, 5330	8.1.1

3.1	5340, 5330	8.1
3.0	5330	8.0
2.7.3	5330	7.7.3
2.7.2	5330	7.7.2
2.7.1	5330	7.7.1

NetBackup 5200 Series - Supported Versions

NetBackup 5200 Series Appliance Release	Supported NetBackup Appliance Models	Based on NetBackup Release
3.1.2	CloudCatalyst 5240, 5240, 5230	8.1.2
3.1.1	CloudCatalyst 5240, 5240, 5230	8.1.1
3.1	CloudCatalyst 5240, 5240, 5230	8.1
3.0	5240, 5230	8.0
2.7.3	5240, 5230	7.7.3
2.7.2	5230	7.7.2
2.7.1	5230	7.7.1

NetBackup Virtual Appliance - Supported Versions

NetBackup Virtual Appliance Release	Based on NetBackup Release
3.1.2	8.1.2
3.1.1	8.1.1
3.1	8.1
3.0	8.0

NetBackup Flex Appliance - Supported Versions

NetBackup Flex Appliance Release	Supported NetBackup Appliance Models	Supported NetBackup Master Server Versions	Supported NetBackup Media Server Versions
1.3	5340 (Configuration A), 5150	8.2, 8.1.2, 8.1.1, 8.1 ^[1]	8.2, 8.1.2, 8.1.1, 8.1 ^[1]

Footnotes

1. Veritas strongly recommends running NetBackup 8.2 or later with Flex Appliance.

Configuring Cloud Solutions with NetBackup CloudCatalyst Appliances

The table below shows when a NetBackup cloud configuration and device mappings RPM package is required for configuring cloud providers with NetBackup CloudCatalyst Appliances. "Included in release" means that version of the NetBackup Appliance software contains the information needed for configuring that cloud provider, so installing an RPM is not required.

When to install a Cloud Configuration/Device Mappings RPM for NetBackup CloudCatalyst Appliance

Cloud solution	NetBackup Appliances running 3.1	NetBackup Appliances running 3.1.1	NetBackup Appliances running 3.1.2
ACP CS3 (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Alibaba Cloud Object Storage Service (OSS) (S3)	Not supported	Install RPM 1.0.2 or later	Included in release
Amazon GovCloud Simple Storage Service (S3)	Included in release	Included in release	Included in release
Amazon GovCloud Simple Storage Service - Infrequent Access (S3)	Included in release	Included in release	Included in release
Amazon Simple Storage Service (S3)	Included in release	Included in release	Included in release
Amazon Simple Storage Service - Infrequent Access (S3)	Included in release	Included in release	Included in release
Amazon Simple Storage Service - OneZone-Infrequent Access (S3)	Not supported	Install RPM 1.0.5 or later	Install RPM 1.0.5 or later
AT&T Cloud Storage (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
China Mobile CMCC Cloud Storage (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
China Telecom OOS (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Chunghwa Telecom Hicloud S3 (S3)	Install RPM 1.0.1 or later	Included in release	Included in release

Veritas Services and Operations Readiness Tools (SORT)

Clouidian HyperStore Object Storage (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Dell EMC Elastic Cloud Storage (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Deutsche Telekom Open Telekom Cloud (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Fujitsu ETERNUS CD10000 (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Google Cloud Storage - Multi-Regional (S3)	Included in release	Included in release	Included in release
Google Cloud Storage - Regional (S3)	Included in release	Included in release	Included in release
Google Cloud Storage Coldline (S3)	Included in release	Included in release	Included in release
Google Cloud Storage Nearline (S3)	Included in release	Included in release	Included in release
Hitachi Content Platform (HCP) (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Huawei FusionStorage (S3)	Install RPM 1.0.2 or later	Install RPM 1.0.2 or later	Included in release
Huawei OBS Object Storage Service (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Huawei OceanStor 9000 (S3)	Install RPM 1.0.2 or later	Install RPM 1.0.2 or later	Included in release
IBM Cloud Object Storage - Cold Vault (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
IBM Cloud Object Storage - Flex (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
IBM Cloud Object Storage - Private (S3)	Included in release	Included in release	Included in release
IBM Cloud Object Storage - Standard (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
IBM Cloud Object Storage - Vault (S3)	Install RPM 1.0.1 or later	Included in release	Included in release

Veritas Services and Operations Readiness Tools (SORT)

Infoniqa SWISS3CLOUD (S3)	Install RPM 1.0.2 or later	Install RPM 1.0.2 or later	Included in release
Iron Mountain Iron Cloud (S3)	Install RPM 1.0.5 or later	Install RPM 1.0.5 or later	Install RPM 1.0.5 or later
Kingsoft Standard Storage Service (KS3) - Standard (S3)	Install RPM 1.0.3 or later	Install RPM 1.0.3 or later	Install RPM 1.0.5 or later
Kingsoft Standard Storage Service (KS3) - Standard IA (S3)	Install RPM 1.0.4 or later	Install RPM 1.0.4 or later	Install RPM 1.0.5 or later
Microsoft Azure (Azure)	Included in release	Included in release	Included in release
Microsoft Azure Germany (Azure)	Install RPM 1.0.6 or later	Install RPM 1.0.6 or later	Install RPM 1.0.6 or later
Microsoft Azure Government (Azure)	Included in release	Included in release	Included in release
NEC Cloud IaaS (S3)	Install RPM 1.0.2 or later	Install RPM 1.0.2 or later	Included in release
NEC HYDRAsTOR HS3 and HS8 (4th Gen), iStorage HS3 and HS8 (4th Gen) and NEC Storage HS3 and HS8 (4th Gen) (S3)	Install RPM 1.0.2 or later	Install RPM 1.0.2 or later	Included in release
NEC HYDRAsTOR HS3 and HS8 (5th Gen), iStorage HS3 and HS8 (5th Gen) and NEC Storage HS3 and HS8 (5th Gen) (S3)	Install RPM 1.0.2 or later	Install RPM 1.0.2 or later	Included in release
NetApp StorageGRID Webscale Object Storage (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
NooBaa (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Oracle Cloud Service (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Oracle Cloud Infrastructure (S3)	Not supported	Install RPM 1.0.1 or later	Included in release
Quantum Active Archive and ActiveScale Systems (S3) (formerly HGST)	Install RPM 1.0.1 or later	Included in release	Included in release

Veritas Services and Operations Readiness Tools (SORT)

Quantum Lattus Object Storage (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Red Hat Ceph Storage (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Scality RING Storage (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
SUSE Enterprise Storage (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
SwiftStack Object Storage (S3)	Install RPM 1.0.1 or later	Included in release	Included in release
Telefonica Open Cloud (S3)	Install RPM 1.0.2 or later	Install RPM 1.0.2 or later	Included in release
Veritas Access (S3)	Included in release	Included in release	Included in release
Veritas Access 3340 Appliance (S3)	Not supported	Included in release	Included in release
Veritas Cognitive Object Storage (S3)	Install RPM 1.0.3 or later	Install RPM 1.0.3 or later	Install RPM 1.0.3 or later

NetBackup 5200 Series, 5300 Series, and Virtual Appliance Supported Functionality

The following table lists NetBackup 5200 Series, 5300 Series, and Virtual Appliance supported functionality and indicates the minimum NetBackup Appliance Release version required for support of that functionality. NetBackup 5200 Series, 5300 Series, and Virtual Appliances can be used with all supported core NetBackup clients (see the "[NetBackup 8.0 - 8.x.x Operating System Software Compatibility List](#)"), application and database agents (see the "[NetBackup 8.0 - 8.x.x Database and Application Agent Compatibility List](#)"), and Snapshot client configurations.

NetBackup 5200 Series, 5300 Series, and Virtual Appliances - Supported Functionality

Functionality	Minimum Appliance Release	Supported Appliance Models	Notes
NetBackup Master/Media Server	2.7.1 (5200 Series) 3.1.2 (Virtual)	5200 Series, Virtual	The Master Server role is only supported on 5200 Series and Virtual Appliances. Key Management Service (KMS) and NetBackup Access Control (NBAC) are not supported when the Appliance is configured as a Master Server.
NetBackup Media Server	2.7.1	5200 Series, 5300 Series, Virtual	The Master Server in the NetBackup domain must be

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			running a version of NetBackup equal to or newer than the NetBackup version on which the appliance is based. Support begins with NetBackup 7.0.1.
NetBackup CloudCatalyst Appliance	3.1 (5240G) 3.1.2 (Virtual)	5240 (Configuration G with 192 GB of memory), Virtual	
Accelerator (for files and folders)	2.7.1	5200 Series, 5300 Series, Virtual	
Accelerator with NDMP	2.7.1	5200 Series, 5300 Series, Virtual	Supported with Dell EMC Isilon Scale-Out NAS filers (requires NetBackup Appliance version 3.1 or later), and NetApp AFF, FAS, and V series filers. When using this feature with a NetBackup Virtual Appliance, monitor the /dev/mapper/system-log partition to ensure it does not exceed 50% of capacity, and manage log files to increase remaining partition capacity. For information on managing accelerator track log files, see "About the track log for Accelerator for NDMP" . For more information on this feature, see the "About NetBackup Accelerator for NDMP" .
Accelerator with VMware-type policies	2.7.1	5200 Series, 5300 Series, Virtual	
Auto Image Replication to MSDP/5200 Series or 5300 Series over Ethernet	2.7.1	5200 Series, 5300 Series, Virtual	

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Auto Image Replication to MSDP/5200 Series or 5300 Series over Fibre Channel (FC)	2.7.3	5200 Series, 5300 Series	
Auto Image Replication to PDDO/5000 Series	2.7.1	5200 Series, 5300 Series, Virtual	
Client Deduplication / Client Direct over Ethernet	2.7.1	5200 Series, 5300 Series, Virtual	Veritas allows NetBackup Clients to write data directly to NetBackup Storage Server Appliances. The client hosts the deduplication plug-in that deduplicates the backup data. The plug-in sends only unique segments to the Storage Server, reducing network traffic and distributing CPU load. For the list of supported clients, see the "Deduplication Supported Operating Systems" section of the "NetBackup 8.0 - 8.x.x Operating System Software Compatibility List" .
Copilot for Oracle	2.7.1	5230, 5240, 5330, 5340	For more information on this feature, see the "NetBackup Copilot for Oracle Configuration Guide" .
Fibre Transport Media Server	2.7.1	5230, 5240, 5330, 5340	Supported with 8 Gb HBAs in NetBackup 5230, 5240, 5330, and 5340 Appliances. Supported with 16 Gb HBAs in NetBackup 5240 and 5340 Appliances running 3.1.2 or later.
FIPS-compliant encryption	3.1.2	5200 Series, 5300 Series, Virtual	FIPS-compliant encryption, as defined by the Federal

			Information Processing Standards 140-2, can be enabled from the NetBackup Shell Menu. For more information, see the "NetBackup Appliance Security Guide" .
Granular Recovery Technology (GRT)	2.7.1	5200 Series, 5300 Series, Virtual	
Granular Recovery Technology (GRT) with VMware-type policies	2.7.1	5200 Series, 5300 Series, Virtual	Support for VMware-type backup policies with Application Protection options enabled for Exchange or SharePoint.
Instant Data Access	3.1.2	5240, 5330, 5340	This feature allows you to create an Instant Access VM from a NetBackup backup image. The VM is available almost instantaneously, achieving a near-zero recovery time objective. NetBackup mounts the VM snapshot directly on the backup storage device to allow your ESXi host or cluster to treat the snapshot as a normal VM. For more information, see the "NetBackup Web UI VMware Administrator's Guide" .
Instant Recovery for VMware	2.7.1	5200 Series, 5300 Series, Virtual	Support for restoring virtual machines with Instant Recovery is described in the "NetBackup for VMware Administrator's Guide" .

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			For details on supported platforms for instant recovery restore hosts, see " Support for NetBackup 7.7.x, 8.x, and 9.x in virtual environments ".
iSCSI Initiator - Hardware-assisted with TCP Offload Engine (TOE) card	3.0	5240 (Configuration H), 5340 (Configurations A, B, C, D, and E)	Supports backup of VMware virtual machines using VADP with SAN transport. For more information on this feature, see the " NetBackup Appliance iSCSI Guide " and the " NetBackup for VMware Administrator's Guide ".
Key Management Service (KMS)	2.7.1 3.1.2 (MSDP)	5200 Series, 5300 Series	With version 3.1.2 and later, KMS supports encryption for MSDP. With version 2.6 and later, KMS is supported with Appliances configured as either a Master or a Media Server. With a NetBackupCLI administrator account in the NetBackup Appliance Shell Menu, an Appliance Master Server can administrate KMS with tape devices connected to itself or another NetBackup Appliance. Regenerating the data encryption key is the only supported method of recovering KMS on an Appliance Master Server. With versions earlier than 2.6, KMS is only supported when

Veritas Services and Operations Readiness Tools (SORT)

			the Appliance is configured as a Media Server, and a non-Appliance Master Server is required to administrate KMS with devices connected to a NetBackup Appliance.
NetBackup Access Control (NBAC)	2.7.1	5200 Series, 5300 Series	Supported when the Appliance is configured as a Media Server only. Not supported when the Appliance is configured as a Master Server.
NDMP	2.7.1	5200 Series, 5300 Series, Virtual	Supported NDMP solutions are listed in the NDMP devices Vendor Compatibility section.
NetBackup Cluster			There are no plans to support this feature.
NetBackup OpenStorage Cloud and Third-Party Plug-in Support	2.7.1	5200 Series, 5300 Series	Supported plug-ins are listed in the "Support with NetBackup Appliance" tables shown in the OST Cloud and OST Storage Servers Vendor Compatibility sections. For instructions on installing vendor plug-in packages on NetBackup Appliances, see "About OpenStorage plugin installation" .
OpsCenter	2.7.1	5200 Series, 5300 Series, Virtual	
OpsCenter Managed Server	2.7.1	5200 Series, 5300 Series, Virtual	
Optimized Duplication (Opt_Dup) over Ethernet	2.7.1	5200 Series, 5300 Series, Virtual	Supported from 5200/5300 Series/Virtual to 5000 Series

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			(MSDP to PDDO) and from 5200/5300 Series/Virtual to 5200/5300 Series/Virtual (MSDP to MSDP).
Optimized Duplication (Opt_Dup) over Fibre Channel (FC)	2.7.1 2.7.3	5200 Series, 5300 Series	Supported from 5200/5300 Series to 5000 Series (MSDP to PDDO). Supported from 5200/5300 Series to 5200/5300 Series (MSDP to MSDP) with versions 2.7.3 or later.
Optimized Synthetics (Opt_Synth)	2.7.1	5200 Series, 5300 Series, Virtual	NetBackup Appliance version 2.0 or later/NetBackup 7.1 or later is recommended for Optimized Synthetics support.
Tape Drive Support	2.7.1 (FC) 3.1 (SAS)	5200 Series, 5300 Series	Supported tape drives are listed in the "Support with NetBackup Appliance" tables shown in the Tape Drives Vendor Compatibility section. Shared Storage Option (SSO) is supported.
Tape Library Support	2.7.1 (TLD & ACS) 3.1 (SAS tape-out)	5200 Series, 5300 Series	Supported tape libraries are listed with the notes "This library is also supported with NetBackup 5200 Series and 5300 Series Appliances" and "This library is also supported with the NetBackup 5240 Series Appliance with a SAS tape-out adapter" in the Tape Libraries Vendor Compatibility section. Use the NetBackup Device Configuration Wizard within

			the NetBackup Administration Console to configure robots and tape drives on the NetBackup Appliance.
Universal Shares	3.1	5240, 5330, 5340	For more information on configuring Universal Shares, see Manage > Storage > Universal Shares
Virtual Tape Library (VTL) Support	2.7.1	5200 Series, 5300 Series	Supported VTLs are listed in the "Support with NetBackup Appliance" tables shown in the Virtual Tape Libraries Vendor Compatibility section. Use the NetBackup Device Configuration Wizard within the NetBackup Administration Console to configure VTLs and emulated tape drives on the NetBackup Appliance.

NetBackup 5000 Series Appliances (Deduplication)

The following table lists NetBackup 5000 Series release versions, the Appliance models supported with each version, and the equivalent Deduplication Appliance software versions. Documentation for NetBackup Appliances [is available here](#). Late breaking news related to NetBackup Appliances [is available here](#).

NOTE: References to NetBackup 5000 and 5020 Appliances have been removed from this document since these models are no longer supported.

NetBackup 5000 Series - Supported Versions

NetBackup 5000 Series Appliance Release	Supported NetBackup Appliance Models	NetBackup 5000 Series Appliance Software Version
1.4.5	5030	6.6.5

NetBackup 5000 Series Appliance Supported Functionality

The following table lists NetBackup 5000 Series supported functionality and indicates the Appliance software version at which that functionality was first supported.

NetBackup 5000 Series - Supported Functionality

Functionality	Minimum Appliance Release	Supported Appliance Models	Notes
Accelerator (for files and folders)	1.4.5	5030	
Auto Image Replication	1.4.5	5030	
Call Home	1.4.5	5030	
Client Deduplication / Client Direct over Ethernet	1.4.5	5030	Veritas allows NetBackup Clients to write data directly to NetBackup Storage Server Appliances. The client hosts the deduplication plug-in that deduplicates the backup data. The plug-in sends only unique segments to the Storage Server, reducing network traffic and distributing CPU load. For the list of supported clients, see the "Deduplication Supported Operating Systems" section of the "NetBackup 8.0 - 8.x.x Operating System Software Compatibility List" .
Fibre Channel support for PDDO	1.4.5	5030	
Granular Recovery Technology (GRT)	1.4.5	5030	
Intelligent Platform Management Interface (IPMI) support	1.4.5	5030	

NetBackup OST Storage Server	1.4.5	5030	Supported OpenStorage functionality and Media Server platforms are listed in the OST Storage Servers section of OST Secondary Storage Solutions.
Optimized Duplication (Opt_Dup)	1.4.5	5030	
Optimized Duplication (Opt_Dup) from PDDO to MSDP	1.4.5	5030	Supported from 5000 Series to 5200/5300 Series.
Optimized Synthetics (Opt_Synth)	1.4.5	5030	
PureDisk Remote Office Appliance	1.4.5	5030	Supported clients: Apple Mac OS, Hewlett Packard Enterprise HP-UX, IBM AIX, Microsoft Windows, SUSE Linux Enterprise Server, Red Hat Enterprise Linux, Oracle Solaris. Supported application agents: Microsoft Exchange, Microsoft SQL, Oracle. For specific versions see the "NetBackup PureDisk 6.6.1 Compatibility List" .
Virtual Local Area Network (VLAN)	1.4.5	5030	

Veritas NetBackup Self Service offers large enterprises and service providers a single store front for all backup and recovery service offerings. Customers and business users can perform self-service backup and restore operations using intuitive, custom-designed interface themes. A single instance supports the registration of multiple tenants or business units to allow secure separation between clients. Codeless, visually-designed forms and process workflows cater to most self-service needs. Service Level Agreement (SLA) measurement, notification, chargeback, and reporting make it easy to manage the service.

NetBackup Self Service Documentation

- Veritas NetBackup™ Self Service Installation Guide: https://www.veritas.com/support/en_US/doc/109481741-127663622-0/index
- Veritas NetBackup™ Self Service Release Notes: https://www.veritas.com/support/en_US/doc/109473637-127663620-0/index
- Veritas NetBackup™ Self Service Configuration Guide: https://www.veritas.com/support/en_US/doc/109536476-127663621-0/index

NetBackup Self Service OS Platform Compatibility

NetBackup Self Service Versions	Supported Platforms	Supported Databases
NetBackup Self Service 8.0	Windows Server 2008 R2 Windows Server 2012/2012 R2	Microsoft SQL Server 2012 Microsoft SQL Server 2014
NetBackup Self Service 8.1	Windows Server 2012/2012 R2 Windows Server 2016	Microsoft SQL Server 2012 Microsoft SQL Server 2014 Microsoft SQL Server 2016
NetBackup Self Service 8.1.2	Windows Server 2012/2012 R2 Windows Server 2016	Microsoft SQL Server 2012 Microsoft SQL Server 2014 Microsoft SQL Server 2016
NetBackup Self Service 8.2	Windows Server 2012/2012 R2 Windows Server 2016	Microsoft SQL Server 2012 Microsoft SQL Server 2014 Microsoft SQL Server 2016 Microsoft SQL Server 2017 Azure SQL database Microsoft SQL Server on Amazon RDS
NetBackup Self Service 8.3	Windows Server 2012 R2 Windows Server 2016 Windows Server 2019	Microsoft SQL Server 2012 Microsoft SQL Server 2014 Microsoft SQL Server 2016 Microsoft SQL Server 2017 Azure SQL database

NetBackup Master Server Compatibility

- NetBackup Self Service does not require the NetBackup client software to be installed on the Web server or SQL server, However it is recommended to have the NetBackup Client software Installed.
- The master server version remains restricted to the Netbackup client version or later versions incase the NetBackup Client software is installed on the Web Server or SQL server.

NetBackup Self Service Versions	NetBackup Versions	Appliance Versions
NetBackup Self Service 8.0	NetBackup 7.7 NetBackup 7.7.1 NetBackup 7.7.2 NetBackup 7.7.3 NetBackup 8.0	NetBackup Appliance 2.7.1 NetBackup Appliance 2.7.2 NetBackup Appliance 2.7.3 NetBackup Appliance 3.0 NetBackup Virtual Appliance 3.0
NetBackup Self Service 8.1	NetBackup 7.7 NetBackup 7.7.1 NetBackup 7.7.2 NetBackup 7.7.3 NetBackup 8.0 NetBackup 8.1 NetBackup 8.1.1	NetBackup Appliance 2.7.1 NetBackup Appliance 2.7.2 NetBackup Appliance 2.7.3 NetBackup Appliance 3.0 NetBackup Appliance 3.1 NetBackup Appliance 3.1.1 NetBackup Virtual Appliance 3.0
NetBackup Self Service 8.1.2	NetBackup 7.7 NetBackup 7.7.1 NetBackup 7.7.2 NetBackup 7.7.3 NetBackup 8.0 NetBackup 8.1 NetBackup 8.1.1 NetBackup 8.1.2	NetBackup Appliance 2.7.1 NetBackup Appliance 2.7.2 NetBackup Appliance 2.7.3 NetBackup Appliance 3.0 NetBackup Appliance 3.1 NetBackup Appliance 3.1.1 NetBackup Appliance 3.1.2 NetBackup Virtual Appliance 3.0
NetBackup Self Service 8.2	NetBackup 8.0 NetBackup 8.1 NetBackup 8.1.1 NetBackup 8.1.2	NetBackup Appliance 3.0 NetBackup Appliance 3.1 NetBackup Appliance 3.1.1 NetBackup Appliance 3.1.2

	NetBackup 8.2	NetBackup Appliance 3.2 NetBackup Virtual Appliance 3.0
NetBackup Self Service 8.3	NetBackup 8.0 NetBackup 8.1 NetBackup 8.1.1 NetBackup 8.1.2 NetBackup 8.2 NetBackup 8.3 NetBackup 8.3.0.1	NetBackup Appliance 3.0 NetBackup Appliance 3.1 NetBackup Appliance 3.1.1 NetBackup Appliance 3.1.2 NetBackup Appliance 3.2 NetBackup Appliance 3.3.0.1 NetBackup Virtual Appliance 3.0 NetBackup Virtual Appliance 3.3.0.1

VMware vCloud Director Compatibility

- The NetBackup master server must also support the vCloud Director version

Self Service Versions	vCloud Director Versions
NetBackup Self Service 8.0	5.5, 5.6, 8.0, 8.10, 8.20, 9.0
NetBackup Self Service 8.1	5.5, 5.6, 8.0, 8.10, 8.20, 9.0
NetBackup Self Service 8.1.2	5.5, 5.6, 8.0, 8.10, 8.20, 9.0
NetBackup Self Service 8.2	5.5, 5.6, 8.0, 8.10, 8.20, 9.0, 9.1
NetBackup Self Service 8.2 MR1	5.5, 5.6, 8.0, 8.10, 8.20, 9.0, 9.1, 9.5 , 9.7 [1][1]
NetBackup Self Service 8.3	5.5, 5.6, 8.0, 8.10, 8.20, 9.0, 9.1, 9.5 , 9.7 , 10.0 , 10.1 [1][1][1][1]

Footnotes

1. VMware vCloud Director 9.5 and later requires VMware vCenter servers versions 6.5 and later .

NetBackup Self Service Supported Web Browsers

- Microsoft Edge
- Microsoft Internet Explorer 11
- Mozilla Firefox
- Google Chrome

- Apple Safari [not recommended]

Software Compatibility List (SCL) for Client

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HP OpenVMS client does not support client encryption or NetBackup Accelerator.
The last update for the OpenVMS client was the NetBackup 7.5 GA release.

Hewlett Packard Enterprise OpenVMS - NetBackup Client

OS	CPU Architecture	OS Bits	NetBackup Client	NetBackup Bits	NBAC	SAN Client	Minimum NetBackup Level
OpenVMS 8.2 ^[1]	IA64	64	Y	64			8.0

Footnotes

1. NetBackup 8.1 and later does not support this CPU architecture.

SAN Media Server/SAN Client/FT Media Server for Client

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- Unless otherwise noted the minimum NetBackup level for SAN Client support is NetBackup 6.5 GA.

SAN style backups via SAN Media Server

SAN media servers are NetBackup media servers that back up their own data. SAN media servers cannot back up data that resides on other clients. SAN media servers are useful for certain situations. For example, a SAN media server is useful if the data volume consumes so much network bandwidth that it affects your network negatively.

- Enables LAN-free data protection with high performance access to shared resources.

- Can share tape resources with NetBackup Master and Media Servers.
- Can only back itself up, not other clients.
- Software is installed stand-alone on each cluster node and linked to the virtual host via an application cluster.
- When you define a backup policy for a SAN media server, add only the SAN media server as the client.
- The NetBackup Shared Storage Option is able to use NetBackup SAN media servers.
- There is no platform restriction regarding SAN Media Servers - any Media Server can be a SAN Media Server. The only difference is in the license authentication mechanism. Application and DB Agents are supported with the SAN Media Server.

SAN style backups via SAN Client

A NetBackup SAN client is a NetBackup client on which the Fibre Transport service is activated. The SAN client is similar to the SAN media server that is used for the Shared Storage Option; it backs up its own data. However, the SAN client is based on the smaller NetBackup client installation package, so it has fewer administration requirements and uses fewer system resources.

- It connects to a NetBackup media server over Fibre Channel.
- The NetBackup SAN Client Fibre Transport Service manages the connectivity and the data transfers for the FT pipe on the SAN clients. The SAN client FT service also discovers FT target mode devices on the NetBackup media servers and notifies the FT Service Manager about them.
- Requires SAN connectivity with a Media Server running Fibre Transport Services (reference additional information below in regards to the FT Media Server).

SAN client does not support the following types of backup:

- SharePoint
- Enterprise Vault
- Exchange DAG or CCR backups through a passive node of an Exchange cluster
- All other application and database agents are supported with the SAN Client.

Note: SAN client does support the use of FlashBackup but all restores from FlashBackup backups will use the LAN connection, not the SAN connection.

SAN client and NetBackup Deduplication

- SAN Client is a NetBackup optional feature that provides high speed backups and restores of NetBackup clients. Fibre Transport is the name of the NetBackup high-speed data transport method that is part of the SAN Client feature. The backup and restore traffic occurs over a SAN.
- SAN clients can be used with the deduplication option; however, the deduplication must occur on the media server, not the client. Configure the media server to be both a deduplication storage server (or load balancing server) and an FT media server. The SAN

client backups are then sent over the SAN to the deduplication server/FT media server host. At that media server, the backup stream is deduplicated.

- Do not enable client deduplication on SAN Clients. The data processing for deduplication is incompatible with the high-speed transport method of Fibre Transport. Client-side deduplication relies on two-way communication over the LAN with the media server. A SAN client streams the data to the FT media server at a high rate over the SAN.

FT Media Server

A NetBackup FT media server is a NetBackup media server on which the Fibre Transport services are activated. NetBackup FT media servers accept connections from SAN clients and send data to the storage units. The host bus adapters (HBAs) that accept connections from the SAN clients use a special NetBackup target mode driver to process FT traffic. The media server FT service controls data flow, processes SCSI commands, and manages data buffers for the server side of the FT pipe. It also manages the target mode driver for the host bus adaptors.

Reference the HCL document Fibre Transport Media Server HBAs section for supported Operating Systems and HBAs. https://www.veritas.com/content/support/en_US/article.100040093

System Requirements for Client

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NetBackup Binary Size

Approximate binary size of the NetBackup client software for an initial install.

OS - All Versions	CPU Architecture	32-bit client	64-bit client	Notes
OpenVMS	IA-64		128MB	The listed sizes are for the NetBackup 7.5 binaries. No NetBackup binaries for OpenVMS are provided.

Client Physical Memory Requirement

OS/Version	CPU Architecture	Minimum Memory Requirement
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OpenVMS 8.2

IA-64

512 MB

Valid Characters in Host Names Requirement

NetBackup requires host names to comply with [RFC-1123](#), meaning only ASCII characters "a" thru "z", case insensitive, and digits "0" thru "9" and the hyphen character.

NetBackup Documentation References:

[NetBackup 8.0 Release Notes](#)

Replication Director for Client

This feature is not supported on this platform.

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Bare Metal Restore File System/Volume Manager Support for Client

This feature is not supported on this platform.

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Virtual Systems Compatibility for Client

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This Statement of Support for NetBackup in a Virtual Environment document describes the extent of support for NetBackup within a virtual environment. Ideally, every NetBackup configuration supported in a traditional physical environment would also be supported in any virtual environment without qualification. While that is our mission, it is not always possible.

Therefore, the purpose of this document is to:

- Clarify differences between NetBackup support in physical vs. virtual environments
- Describe general guidelines for support in virtual environments.
- Describe impact upon specific NetBackup components: clients, servers, options, etc.

- Provide references to related information.

VMware Compatibility

Virtual Systems Compatibility - Refer: Support for NetBackup in a Virtual Environment - https://www.veritas.com/content/support/en_US/article.100040093

- For supported vSAN configurations, refer article <https://kb.vmware.com/s/article/55071>
- NetBackup supports all minor patch releases (like: EP, U1x) unless otherwise noted.
- Software Defined Data-Center(SDDC) environments which includes NSX, NSX-T or other networking technologies are transparent to NetBackup and are supported.
- VMware Cloud on AWS(VMC) support starts from NetBackup 8.1.2
- Google Cloud VMware Engine (GCVE) is supported on NetBackup 8.1 and later versions

NetBackup Versions	VDDK Versions	vSphere Versions	vCloud Director Versions	Backup/Restore Host Versions
8.0	6.0.2	vSphere 6.5, 6.5 U1, 6.5 U2 vSphere 6.0, 6.0 U1, 6.0 U2, 6.0 U3 vSphere 5.5, 5.5 U1, 5.5 U2, 5.5 U3 vSphere 5.1, 5.1 U1, 5.1 U2, 5.1 U3 Refer VMware VDDK release notes URL below for additional information on supported vCenter and ESXi versions.	5.5, 5.5.1, 5.5.2, 5.5.3, 5.5.4, 5.5.5, 5.5.6 5.1, 5.1.1, 5.1.2, 5.1.3 Service Provider Versions: 8.0, 8.0.1, 8.0.2, 8.10, 8.20, 9.0 5.6.5, 5.6.4, 5.6.3	All 64 bit only: Windows Server 2012 R2, 2012, 2008 R2 Red Hat Enterprise Linux (RHEL) 7.0, 6.6 NetBackup Appliance 3.0 SUSE Linux Enterprise Server (SLES) 12, 11.3

- For vCloud Director 8.0, 8.0.1, 8.0.2 to determine the host name: Refer to https://www.veritas.com/support/en_US/article.000108257
- For vCloud Director 8.0, 8.0.1, 8.0.2 NetBackup restores to vCloud: Refer to <http://www.veritas.com/docs/000108831>
- NetBackup does not support the vCloud Director 8.20, 9.0 and 10 feature called "Automatic discovery and import of vCenter VMs."

Note the following:

- NetBackup Web Client Plugin is not supported with VMware vSphere 7.0 U1, 7.0 U2, 7.0 U3 on NetBackup 8.3, 8.3.0.1 and 8.3.0.2
- NetBackup Web Client Plugin is not supported with VMware vSphere 7.0 and later updates on NetBackup 8.2
- NetBackup Instant Access is not supported with VMware vSphere 7.0 U1, 7.0 U2, and 7.0 U3 on NetBackup 8.3 and 8.3.0.2
- The EEB required for Instant Access with VMware vSphere 7.0 U1, 7.0 U2, and 7.0 U3 on 8.3.0.1 can be obtained from Veritas Technical Support. Refer https://www.veritas.com/support/en_US/article.100048721 for additional details.
- VMware version information can also be obtained from the VMware Product Interoperability Matrix, and is subject to change by VMware. For the latest information, see the following: http://www.vmware.com/resources/compatibility/sim/interop_matrix.php
- NetBackup supports installation of the backup host in a virtual machine (VMware "hotadd"). The guest operating systems that NetBackup supports for hotadd are the same as the above.
- For the Linux VMware backup host or restore host, locales other than UTF-8 are not supported.
- NetBackup 8.0 and later supports VMware Virtual Volumes (VVOs)
- NetBackup 8.1.2 introduces Instant Access for VMware for vCenter and ESXi versions 5.5 and later.
- NetBackup supports all triple-dot versions of VMware vCloud Director, unless otherwise noted.
- Install "VMware ESXi 6.0, Patch Release ESXi600-201511001 (2137545)" for consistent backups. This ESX patch is mandatory, according to VMware, to fix the data loss situation reported in VMware KB article 2136854. For more information about the cause and the resolution of this issue, see: http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2136854

VMware VDDK Release Notes:

- VDDK 6.0.2 Release Notes: <https://code.vmware.com/docs/3930/vddk-6-0-2-release-notes>
- VDDK 6.5.1 Release Notes: <https://code.vmware.com/docs/5584/virtual-disk-development-kit-6-5-1-release-notes>
- VDDK 6.5.2 EP1 Release Notes: <https://code.vmware.com/docs/6175/virtual-disk-development-kit-6-5-2-ep1-release-notes>
- VDDK 6.5.3 Release Notes: <https://code.vmware.com/docs/6842/virtual-disk-development-kit-6-5-3-release-notes>
- VDDK 6.7.2 Release Notes: <https://code.vmware.com/docs/8100/virtual-disk-development-kit-6-7-2-release-notes>
- VDDK 7.0 Release Notes: <https://code.vmware.com/docs/11697/virtual-disk-development-kit-7-0-release-notes>.

Hyper-V Servers Compatibility

Hyper-V is supported on Microsoft Windows Server Editions which are compatible with NetBackup Client. Refer to Operating System Compatibility table for details.

Hyper-V Servers Compatibility - Reference Article: TECH127089 Statement of Support for NetBackup in a Virtual Environment: <http://www.veritas.com/docs/000006177>

Note:

- NetBackup Client must be installed on the Hyper-V server
- Master and Media Server platform support as supported by the appropriate NBU release

NetBackup Versions	Hyper-V Server Versions	System Center Virtual Machine Manager Versions	Comments
8.0	Hyper-V Server 2019	NetBackup Add-In and Hyper-V	<ul style="list-style-type: none"> • Hyper-V Intelligent Policy supported only for Hyper-V Server 2012 R2 (and associated updates), Hyper-V Server 2016, Hyper-V Server 2019. • VHD and VHDX support
8.1	Hyper-V Server 2016	Intelligent Policy for	
8.1.1	Hyper-V Server 2012 R2	• SCVMM 2012 R2	
8.1.2	Hyper-V Server 2008 R2	• SCVMM 2016	
8.2	Hyper-V Server 2008SP2	• SCVMM 2019	
8.3			

File-level recovery from a Hyper-V backup is not supported in case of following scenarios.

- Any guest OS volume that resides on a 4Kn virtual disk (VHDX file).
- Files in guest OS that reside on REFS or NTFS deduplicated volume.

WMI backup features and limitations:

- WMI method is supported for Windows Server 2016 and above.
- Requires a VM configuration version later than 5.
- VMs can be hosted on either the NTFS, ReFS, Windows Storage Spaces, Storage Spaces Direct or SMB 3.0 file shares.
- WMI backup method does not support backup or restore of user-created checkpoints of the VM.
- Faster Hyper-V backup and recovery feature requires block-level incremental to be enabled and can only be saved to deduplication storage unit.

VSS backup limitations:

- VMs must reside on the NTFS file system (ReFS or NTFS Deduplication is not supported).
- Block-level incremental backup is not supported.
- Backing up VM's residing on SMB 3.0 file shares is not supported.

Hyper-V Limitations

- Backup of a Hyper-V guest OS that use VHD Sets or shared VHDX file is not supported.
- Hyper-V Server 2019 and System Center Virtual Machine Manager 2019 is supported from NetBackup version 8.1.2
- Hyper-V Server on windows Server Semi-Annual Channel builds are supported with partial functionality.

Refer technote for additional details <https://www.veritas.com/docs/100041472>

Client Selections for Backup Policies for Client

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The information in the Client Selection column of the table below is the client type that should be selected when installing NetBackup as a client on the Operating System/Version and Architecture listed in this table.

Where support is shown for "Windows Server 2008" or "Windows Server 2008 R2" it is implied that Standard Edition, Enterprise Edition, Datacenter Edition, and Web Edition are supported.
Where support is shown for "Windows Server 2012" or "Windows Server 2012 R2" it is implied that Standard Edition, Datacenter Edition, Essentials Edition, and Foundation Edition are supported.

NetBackup 8.1.2 and later will require Linux Kernel version 2.6.32 or higher

OS	CPU Architecture	NetBackup 8.0 Client Selection
OpenVMS 8.2	IA64	OpenVMS,OpenVMS_I64

Deduplication Supported Operating Systems for Client

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This feature is not supported on this platform.

Database and Application Agent Compatibility for Client

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This feature is not supported on this platform.

NetBackup Database and Application Agent Documentation:

NetBackup 8.0 - 8.x.x Database and Application Agent Compatibility List (last updated on September 14, 2023)
8.0 - 8.x.x Database and Application Agent Software Compatibility List Updates

Snapshot Client - General Information for Client

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This section contains Snapshot Client compatibility information for Veritas NetBackup 8.x.x. It covers NetBackup Server (which includes Enterprise Server and Server), Client, and Snapshot Client.

Veritas supports standard unaltered kernel/Operating System levels. Should an issue arise on a revised kernel, Operating System, or virtual system environment, Veritas support may request the recreation of the problem with the standard operating environment distribution.

Veritas InfoScale / Storage Foundation Compatibility

Veritas InfoScale/Storage Foundation file system and volume manager are supported as the Snapshot Client stack based on Operating System requirements of the InfoScale/Storage Foundation product. For specific OS compatibility information regarding InfoScale/Storage Foundation, please see "[Veritas Services and Operations Readiness Tools \(SORT\)](#)".

FlashBackup policy limitation: The NetBackup FlashBackup policy is not supported on Veritas File System (VxFS) layout versions 8 and beyond, versions 7 and earlier are supported.

Third-Party Products

When a problem may be related to product(s) from a third-party vendor with whom Veritas has a cooperative or collaborative relationship on such product(s), then Veritas will work with that vendor in an attempt to resolve the problem, but resolution is not guaranteed. When Veritas does not have such a support relationship in place with the third-party vendor, or when the vendor ceases to support such product(s), then our ability to support Veritas Licensed Software operating with such vendor's product(s) may be limited, affected, or prevented (and such third party product(s) may cease to be part of Veritas-supported configuration(s)). Veritas support may be limited by the hardware or software vendor due to their support lifecycle. Should a vendor announce End of Support for a product, Veritas support may be limited.

Oracle Agent Support

Oracle ASM Environment is not supported.

Snapshot Client - Considerations

Subject	Notes
Support assumptions	<p>For details on supported operating systems, please refer to the "NetBackup 8.0 - 8.x.x Operating System Software Compatibility List" .</p> <ol style="list-style-type: none">1. Where support is shown for "Windows Server 2008 Enterprise Edition" it also means that the other editions of Windows Server 2008 and Windows Server 2008 R2 are supported. Only the x64 (64-bit) editions of the OS are supported as a NetBackup Media Server. Server Core Installation Option is not supported as a NetBackup Media Server.2. Where support is shown for "Windows Server 2012 Datacenter" it also means that the other editions of Windows Server 2012, Windows Storage Server 2012, Windows Server 2012 R2, and Windows Storage Server 2012 R2 are supported.3. Where support is shown for "Windows Server 2016 Datacenter" it also means that the other editions of Windows Server 2016 and Windows Storage Server 2016 are supported.
Operating system support dropped	<ol style="list-style-type: none">1. CentOS 5 is not supported as a media server with NetBackup 8.1 and later.2. CentOS 6 GA through Update 7 are not supported as a media server with NetBackup 8.1.2 and later.3. CentOS 6 is not supported as a media server with NetBackup 9.0 and later.4. Hewlett Packard Enterprise HP-UX (all versions) is not supported as a media server with NetBackup 8.1.2 and later. For information on migrating HP-UX master and media servers to other platforms, see the "NetBackup Master Server Migration Guide" and the "NetBackup Media Server Migration Guide" .5. IBM AIX (all versions) is not supported as a media server with NetBackup 8.1.2 and later. For information on migrating

AIX master and media servers to other platforms, see the ["NetBackup Master Server Migration Guide"](#) and the ["NetBackup Media Server Migration Guide"](#) .

6. Red Hat Enterprise Linux 5 is not supported as a media server with NetBackup 8.1 and later.

7. Red Hat Enterprise Linux 6 GA through Update 7 are not supported as a media server with NetBackup 8.1.2 and later.

8. Red Hat Enterprise Linux 6 is not supported as a media server with NetBackup 9.0 and later.

9. Oracle Linux 6 GA through Update 7 are not supported as a media server with NetBackup 8.1.2 and later.

10. SUSE Linux Enterprise Server 11 is not supported as a media server with NetBackup 8.3 and later.

11. SUSE Linux Enterprise Server 12 GA through SP2 is not supported as a media server with NetBackup 8.3 and later.

12. Windows 2008 and 2008 R2 are not supported by Microsoft as of January 14, 2020.

Snapshot Client - Array-based Snapshot Methods for Client

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This feature is not supported on this platform.

Snapshot Client - Software-based Snapshot Methods for Client

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This feature is not supported on this platform.

Encryption and Security Solutions for Client

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NetBackup Client Encryption is compatible with all disk storage units (DSU), tape drives, tape libraries, and virtual tape libraries supported by NetBackup.

Note: Any DSU type supported by NetBackup can be used with client encryption, although encryption prevents deduplication by Media Server Dedupe, OpenStorage devices, or VTLs.

NetBackup Client Encryption is supported on all NetBackup client platforms except OpenVMS, and is not supported with BMR or SAN client.

Symantec Security Information Manager

NetBackup Client is supported with Symantec Security Information Manager (SSIM) v4.8 and later.

For more information on SSIM, see https://support.symantec.com/en_US/dpl.52517.html

File System Compatibility for Client

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There is no information found for this section.

NetBackup OpsCenter Web Browser Requirements

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Web Browser	Versions	Notes
Microsoft Internet Explorer	- 7.x, 8.x, 9.0, 10.0, 11.0 - 32-bit and 64-bit	- IE 7.0 and later versions may display a security certificate warning page when you access OpsCenter. Reference "Disabling security certificate warnings permanently from browsers" instructions in

		<p>the NetBackup OpsCenter Administrator's Guide.</p> <ul style="list-style-type: none"> - It may not be possible to view reports, jobs, or audit data when exporting from IE 9.0. Alternatively, IE 9.0 may show a "Internet Explorer Cannot Download" error when exporting reports, jobs, or auditing data from OpsCenter. - Reference "Exporting OpsCenter reports or data with IE 9.0" instructions in the NetBackup OpsCenter Administrator's Guide. - Extra steps are required to access the OpsCenter console using Internet Explorer version 7 or 8 on a 32-bit Windows computer. For more information, see "About web browser considerations" in the NetBackup OpsCenter Administrator's Guide. - NetBackup 7.7.2 and later support OpsCenter with IE 11 - The NetBackup OpsCenter Administrator's Guide and other Guides are available by selecting the appropriate NetBackup version link at http://www.veritas.com/docs/000003214
<p>Mozilla Firefox</p>	<ul style="list-style-type: none"> - 3.0, 3.5.x, 3.6.x, 9.0.1 and above for OpsCenter 7.0 to 7.5. - 15.0 and later versions for OpsCenter 7.6 and later. - 32-bit and 64-bit - 27.0 and later versions for OpsCenter 8.0 and later 	<ul style="list-style-type: none"> - Mozilla Firefox may display an Untrusted Connection page when you access OpsCenter. Reference "Disabling the Untrusted Connection page in Mozilla Firefox" instructions in the Veritas OpsCenter Administrator's Guide.

NetBackup OpsCenter Backup Product Support

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There are two OpsCenter products: Veritas NetBackup OpsCenter and Veritas NetBackup OpsCenter Analytics. OpsCenter does not require any license and is included with the NetBackup Enterprise Server and Server products. OpsCenter provides single deployment configuration and user interface for monitoring, alerting, and reporting functionality. It provides monitoring, management and administration capabilities for NetBackup as well as operational reporting for other products as designated in the following table.

OpsCenter Analytics is the licensed version of OpsCenter. In addition to the features available in the unlicensed OpsCenter version, Analytics offers report customization, chargeback reporting and support for third-party data protection products as designated in the following table. The primary objectives of this product are to help organizations assess their compliance with business standards, e.g., service level agreements, and assist in effective business planning, e.g., future backup requirements via backup trend analysis.

Listed in the table below are the backup and archiving products and versions supported by OpsCenter and OpsCenter Analytics.

Backup Product	Version	Support Level	Analytics License Required
Veritas NetBackup	7.7 and higher versions	All supported NetBackup platforms by Remote Agent. Native OpsCenter agent for Windows 2008 (SP2 and R2) and Solaris 10 and 11. BCS customer are entitled to receive support for the legacy products until 2019. Refer to https://www.veritas.com/support/en_US/business-critical-services/support-extensions-program.html	No

Veritas NetBackup Appliance	See NetBackup Hardware Compatibility List for Appliance support information. http://www.veritas.com/docs/000025228	Data collection happens automatically by NBSL	No
Veritas NetBackup PureDisk	6.2, 6.2.2, 6.5, 6.5.1, 6.5.1.2, 6.6, 6.6.0.1, 6.6.0.2, 6.6.0.3, 6.6.1, 6.6.1.2, 6.6.3a, 6.6.5	PureDisk supported platform (PDOS) by the OpsCenter integrated Agent. You do not need a separate Agent to collect data from PureDisk. You can use the inbuilt Agent of the OpsCenter Server for data collection. To create or configure the data collector, select the Agent that is installed as Integrated Agent.	No

NetBackup OpsCenter Operating System Requirements

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NetBackup OpsCenter Physical Memory Requirement

OS/Version	CPU Architecture	Minimum Memory Requirement
OpenVMS 8.2	IA-64	8 GB

Valid Characters in Host Names Requirement

NetBackup OpsCenter requires host names to comply with [RFC-1123](#), meaning only ASCII characters "a" thru "z", case insensitive, and digits "0" thru "9" and the hyphen character.

NetBackup Administration Consoles

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This feature is not supported on this platform.

NetBackup in the Cloud

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NetBackup now supports cloud-based Master Servers and Media Servers as part of extending data protection into workloads in the cloud. For more information, see the ["360 Data Management"](#) page.

NetBackup in the Cloud - Considerations

Subject	Notes
Support assumptions	<ol style="list-style-type: none">1. NetBackup is supported on any cloud infrastructure environment that meets NetBackup's minimum resource requirements. For details on operating systems supported by NetBackup, please refer to the "NetBackup 8.0 - 8.x.x Operating System Software Compatibility List" . For details on NetBackup minimum resource requirements, please refer to the "NetBackup Installation Guide" .2. Veritas does not certify the cloud compute layer or the cloud block storage layer. They are assumed to work as similar physical resources do.3. NetBackup-certified cloud object storage support is listed in the vendor tables in the Cloud Storage Solutions section of this HCL.4. NetBackup deployment templates are available for some operating systems and cloud infrastructure solutions. Supported templates are listed in the vendor tables below. For a quicker and easier NetBackup deployment, Veritas strongly recommends using these templates for deploying NetBackup instead of doing a manual NetBackup installation.

For examples, see [Setting up NetBackup CloudCatalyst in AWS](#) and [NetBackup in the Cloud - Guidelines for AWS Deployments](#).

NetBackup in the Cloud - Links to Solution Information

NetBackup is supported on any cloud infrastructure environment that meets NetBackup's minimum resource requirements. Solution briefs have been created for the cloud infrastructures listed in the table below.

Vendor	URL
Amazon	https://www.veritas.com/solution/amazon-web-services
Google	https://www.veritas.com/solution/google-cloud-platform
IBM	https://www.veritas.com/solution/ibm-cloud
Microsoft	https://www.veritas.com/solution/microsoft-cloud
Oracle	https://www.veritas.com/solution/oracle-cloud

NetBackup in the Cloud - Deployment Templates

Amazon

This solution deploys a NetBackup Master or Media Server in an Amazon Web Services EC2 instance, using the AWS CloudFormation feature.

Amazon Machine Image (AMI) for NetBackup

Operating System	NetBackup template file	NetBackup Master Server support	NetBackup Media Server support	Supported Locales / Regions
Red Hat Enterprise Linux	Veritas NetBackup for AWS (BYOL)	Yes	Yes	All Locales

Microsoft

This solution deploys a NetBackup Master or Media Server in a Microsoft Azure Virtual Machine, using an Azure Resource Manager (ARM) template.

Azure Resource Manager (ARM) for NetBackup

Operating System	NetBackup template file	NetBackup Master Server support	NetBackup Media Server support	Supported Locales / Regions
Microsoft Windows Server	Veritas NetBackup on Azure Marketplace	Yes	Yes	All Locales

NetBackup Future Platform and Feature Plans

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Veritas is committed to providing the best possible data protection experience for NetBackup customers on the widest variety of platforms, operating systems, databases, applications, and hardware. Veritas is continuously reviewing NetBackup's support of these items to ensure the proper balance of supporting their General Availability release, the very latest versions of new software, hardware and introducing new features and functionality and maintaining support for existing and older versions of these products and NetBackup functionality. While Veritas is continually adding support for new features, platforms, operating systems, and applications, it may be also necessary to improve, replace, or remove support in NetBackup for lesser used, older features, functionality, software, OS, databases, applications, integration with other products, and hardware that are no longer supported or nearing their end of support life from the manufacturer from NetBackup Compatibility Lists.

To better help its customers to plan for these upcoming changes to the support status of these items in NetBackup, Veritas will provide advanced notification as soon as possible as listed below. Veritas intends to list the older product functionality, features, hardware, OS, and 3rd party software products that will no longer be supported in the next release of NetBackup. If possible, these items are listed at least six months before that release.

The information below lists certain features, functionality, 3rd-party and Veritas products, applications, databases, and OS/ Platforms for which Veritas intends to replace with newer and improved functionality, or in some cases, discontinue without replacement. The last release of NetBackup to proliferate support of the item is provided. Technotes in the Notes column contain additional details about available replacement options. Where a major, minor or release update version is specified, the feature or platform is supported through the last Maintenance Update (patch) of that release. Where 'All' is specified, it is supported for all versions or variations of the family of the relevant or supported platforms.

Check this site frequently for updated information for NetBackup. If an item listed below will cause significant business impacts, contact your Veritas Sales Account Team. Please note that the official NetBackup Support Lifecycle for your existing NetBackup product version won't be affected or altered in any way. For the official Veritas Support Lifecycle Policy of all NetBackup versions, see https://www.veritas.com/content/support/en_US/terms/support-fundamentals.html.

Information in the following table contains plans starting with NetBackup 7.5. For information concerning no longer supported platforms, consult the following section of the report.

Information in the following table was last updated on **2023-10-23**.

Date Added/ Modified	Feature/ Functionality/ OS/Platform	NetBackup Area	OS/Platform	OS/Platform Version	CPU Architecture	Last Supported Release	Notes
2022-04-19	All	OpsCenter	All	All	All	10.0.0.1	
2021-06-03	VMware Cloud Director 9.0, 9.1, 9.5	All	All	All	All	9.0.0.1	VMware Cloud Director 9.0, 9.1, 9.5 to be not supported from NetBackup 9.1 onwards.
2017-05-25	Pre-7.7 backlevel administration with the Java GUI	Master Server, Media Server, Client	All	All	All	8.0	Pre-7.7 versions were EOSL Febuary 1, 2017. The 8.0 Windows remote administration console can be installed if needing to administer pre-7.7 NetBackup servers or perform backups/ restores of pre-7.7 clients.
2017-05-19	Remote (push) installations	Master Server, Client	All UNIX and Linux	All	All	8.0	Use the sftp method as the alternative.

Veritas Services and Operations Readiness Tools (SORT)

	of UNIX/Linux clients using ftp						Push install from the administration console is being changed to use ssh.
2017-05-19	Remote (push) installations of UNIX/Linux clients using rsh	Master Server, Client	All UNIX and Linux	All	All	8.0	Use the ssh method as the alternative. Push install from the administration console is being changed to use ssh as well.
2017-04-19	NetBackup High Availability (HA) Media Server	Media Server	All	All	All	8.0	HA Media Server was End of Life for new installs with NetBackup 7.7 and only upgrades from 6.5 were supported. This will now continue the EOL for HA Media Server with regards to upgraded HA Media Server moving forward with the Jasper

							release. NetBackup Media Server App_Clusters will not be impacted. NetBackup HA Appliances are not impacted.
2017-04-19	DB2 versions 9.1, 9.5, 9.7 & 10.1	NetBackup for DB2	All	All	All	8.0	
2017-04-19	OpenVMS - Client	Client	OpenVMS	All	IA-64	8.0	Last updated in the 7.5 release.
2017-03-14	Replication Director for EMC VNX	Replication Director	All	All	All	8.0	

End of Life (EOL) announcement and platforms no longer supported by NetBackup

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The following Operating System and Application Versions/Architectures in the 8.x.x versions of NetBackup will be End of Life.

Platform and Application Versions	CPU Architecture	OS Bits	NetBackup	Last NetBackup Release Supported
Red Hat Enterprise Linux (RHEL) 6.8, 6.9 and 6.10	ALL	64	Master, Media and Client	8.3
SUSE Linux Enterprise Server 11	ALL	64	Master, Media and Client	8.2

SUSE Linux Enterprise Server 12 SP2 or older	ALL	64	Master, Media and Client	8.2
Windows 7	ALL	64	Client	8.2
Windows Vista	ALL	64	Client	8.2
Windows Server 2008 and 2008 R2	ALL	64	Master, Media and Client	8.2
Red Hat Enterprise Linux and SUSE Linux Enterprise Server	z/Architecture	64	Media Server	8.2
VMware vSphere 5.5	x86-64	64	VMware Agent	8.1.2
Hewlett Packard Enterprise HP-UX (All Versions)	IA64	64	Master and Media Server	8.1.1
IBM AIX (All Versions)	POWER	64	Master and Media Server	8.1.1
Red Hat Enterprise Linux (RHEL) 6.7 or older	x86-64	64	Master, Media and Client	8.1.1
CentOS 6.7 or older	x86-64	64	Media and Client	8.1.1
Oracle Linux 6.7 or older	x86-64	64	Media and Client	8.1.1

Documentation

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Product Documentation

- [NetBackup Documentation Landing Page \(Including links for all PDFs individually, and PDFs in a single .zip file\)](#)
- [NetBackup 8.0 Administrator's Guide for UNIX, Windows, and Linux, Volume I](#)
- [NetBackup 8.0 Administrator's Guide, Volume II](#)
- [NetBackup 8.0 Cloud Administrator's Guide](#)
- [NetBackup 8.0 Commands Reference Guide](#)
- [NetBackup 8.0 Getting Started Guide](#)
- [NetBackup 8.0 Installation Guide for UNIX and Windows](#)

[Veritas Services and Operations Readiness Tools \(SORT\)](#)

[NetBackup 8.0 Status Codes Reference Guide](#)

[NetBackup 8.x Documentation](#)

[NetBackup Backup, Archive, and Restore Getting Started Guide - Release 8.0](#)

[NetBackup Troubleshooting Guide - Release 8.0](#)

[Veritas Service and License Agreements](#)

Installation/Upgrade Documentation

[How to perform a consistency check of the NetBackup EMM and BMR databases](#)

[NetBackup 8.0 Upgrade Guide](#)

[NetBackup LiveUpdate Guide - Release 8.0](#)

[NetBackup Replication Director Tools for NetApp Storage Systems](#)

[NetBackup WebSocket Service \(NBWSS\) Reference Guide - Release 8.0](#)

[Veritas NetBackup Emergency Engineering Binary Guide](#)

[What's new in NetBackup releases](#)

[NetBackup 8.0 Release Notes](#)

Late Breaking News

[Guidelines for the availability of EEB/hotfixes](#)

[Updates, Patches and Late Breaking News for NetBackup 8.0](#)

Compatibility Lists

[NetBackup 8.0 - 8.x.x Database and Application Agent Compatibility List](#)

[NetBackup Compatibility List for all Versions](#)

[Support for NetBackup in virtual environments](#)

Performance and Tuning Guidelines

[In NetBackup 8.0, the Java Console displays "Status Code: 130 System Error Occurred" when attempting connection to a host with a noncompliant character in its hostname.](#)

[NetBackup 8.0 Network Ports Reference Guide](#)

Product End of Life Information

SORT End of Support Life matrix for NetBackup

Other Related Documentation

[NetBackup 8.0 Deduplication Guide](#)

[NetBackup 8.0 SAP Administrator's Guide](#)

[NetBackup 8.0 Security and Encryption Guide](#)

[NetBackup AdvancedDisk Storage Solutions Guide - Release 8.0](#)

[NetBackup Bare Metal Restore Administrator's Guide - Release 8.0](#)

[NetBackup for DB2 Administrator's Guide - Release 8.0](#)

[NetBackup for Hyper-V Administrator's Guide - Release 8.0](#)

[NetBackup for Informix Administrator's Guide - Release 8.0](#)

[NetBackup for Lotus Notes Administrator's Guide - Release 8.0](#)

[NetBackup for NDMP Administrator's Guide - Release 8.0](#)

[NetBackup for Oracle Administrator's Guide - Release 8.0](#)

[NetBackup for Sybase Administrator's Guide - Release 8.0](#)

[NetBackup for VMware Administrator's Guide - Release 8.0](#)

[NetBackup in Highly Available Environments Administrator's Guide - Release 8.0](#)

[NetBackup OpenStorage Solutions Guide for Disk - Release 8.0](#)

[NetBackup Plug-in for VMware vCenter Guide - Release 8.0](#)

[NetBackup Plug-in for VMware vSphere Web Client Guide - Release 8.0](#)

[NetBackup Replication Director Solutions Guide - Release 8.0](#)

[NetBackup SAN Client and Fibre Transport Guide - Release 8.0](#)

[NetBackup Snapshot Client Administrator's Guide - Release 8.0](#)

[Veritas Entitlement Management System Guide](#)