Custom Reports Using Data Collectors

Get ready for a newer version of NetBackup (10.4)

Installation and Upgrade Checklist Report for NetBackup Enterprise Server 8.3.0.1, Windows 11, x86-64
This platform is supported only as a client.

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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.**

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NetBackup Self Service

Client

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NEW! = New content since the last release of SORT

Install Information   **[Back to top](#)**

Get ready for a newer version of NetBackup (10.4)

Procedure Overview:

Install the NetBackup Enterprise Server 8.3.0.1 release.

To obtain the 8.3.0.1 release, please go to Veritas Download Center
In order to install NetBackup Enterprise Server 8.3.0.1, follow the installation instructions found in the NetBackup Installation Guide
Be sure to review the Updates, Patches and Late Breaking News for NetBackup 8.3x.
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   **Back to top**

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
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
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

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates
Appliance Compatibility List

Late Breaking News - Available Hot Fixes for Client   **Back to top**

Available hot fixes - for details and download information, consult the Update link in the table.
For more information about installation instructions, please review NetBackup 8.3.0.1 on Support site.

Hot Fix	Description	Install Location
UPD964545	NetBackup 8.3.0.1 / 3.3.0.1 Hotfix - MSDP EEB Bundle (Etrack 4013394)	Primary(Master) Server, Media Server, Client
UPD597797	Restore of MPX backups to tape fail after Solaris SPARC master server upgrade to NetBackup 8.3.0.1 (Etrack 4017052)	Primary(Master) Server, Media Server, Client
UPD937496	NetBackup 8.3.0.1 / 3.3.0.1 Hotfix - RHV 4.4 support in 8.3.0.1 (Etrack 4016087)	Primary(Master) Server, Media Server, Client
UPD638899	NetBackup 8.3.0.1/3.3.0.1 Hotfix - bpjobd low performance impacting NetBackup operations domain wide when under heavy load (Etrack 4033200)	Primary(Master) Server, Media Server, Client
UPD793441	NetBackup 8.3.0.1 HotFix - Upgrade of OpenSSL on Windows Master or Media Server (ET 4019812)	Primary(Master) Server, Media Server, Client
UPD344759	NetBackup Java Administration Console Language Pack (article 100033052)	Java Administration Console
UPD349200	NetBackup 8.3.0.1 / 3.3.0.1 Hotfix - CloudCatalyst EEB Bundle (Etrack 4015947)	Primary(Master) Server, Media Server, Client
UPD799618	VTS22-015 - Hotfix for Security Advisory impacting NetBackup 8.3.0.1 Clients (Etrack 4090866)	Primary(Master) Server, Media Server, Client
UPD162444	NetBackup Primary Server Migration Tool 2.4	Primary(Master) Server, Media Server, Client
UPD714038	NetBackup 8.1.2 - 10.1.1 - nbdb_unload performance impact when upgrading to NetBackup 10.2 or above	Primary(Master) Server, Media Server, Client

UPD653466	NetBackup 8.3.0.1/3.3.0.1 Hotfix - nbdeployutil Cumulative EEB for Accurate License Reporting(Etrack 4122131)	Primary(Master) Server, Media Server, Client
UPD972396	VTS23-006 - Hotfix for Security Advisory impacting NetBackup 8.3.0.1 Windows Primary, Media, and Client (Etrack 4115799)	Primary(Master) Server, Media Server, Client
UPD882155	NetBackup 8.3.0.1 HotFix - Upgrade of OpenSSL on Windows Clients (ET 4021146)	Primary(Master) Server, Media Server, Client
UPD465870	NetBackup 8.3.0.1 HotFix - Restore using vSphere 7.0 update 1 fails with EC 2820 (Etrack 4014637)	Primary(Master) Server, Media Server, Client
UPD274366	NetBackup 8.3.0.1 Hotfix - Catalog backup Status 1, Partially Successful (Etrack 4017858)	Primary(Master) Server, Media Server, Client
UPD763849	NetBackup 8.3.0.1/3.3.0.1 HotFix - Some folders are skipped on VM backup of Windows machines after upgrade to 8.3.0.1 (Etrack 4020533).	Primary(Master) Server, Media Server, Client
UPD647415	NetBackup 8.3.0.1 Hotfix - Failure to install ADK 8.1 while creating the first Shared Resource Tree (SRT) on a NetBackup Bare Metal Restore (BMR) boot server and failure to install Chinese language pack into SRT (Etrack 4036366)	Primary(Master) Server, Media Server, Client
UPD271933	NetBackup 8.3.0.1 / 3.3.0.1 Hotfix - VMware virtual machine entered into emergency mode at first boot after successful restore. (Etrack 4049936)	Primary(Master) Server, Media Server, Client
UPD962786	NetBackup 8.3.0.1 / 3.3.0.1 Hotfix - Vxupdate / nbinstallagent EEB Bundle Package (Etrack 4047816)	Primary(Master) Server, Media Server, Client

UPD125791	VTS22-015 - Hotfix for Security Advisory impacting NetBackup 8.3.0.1 and Appliance 3.3.0.1 Primary and Media Server(Etrack 4090775)	Primary(Master) Server, Media Server, Client
UPD834892	VTS22-012 - Hotfix for Security Advisory impacting NetBackup 8.3.0.1 Clients (Etrack 4091698)	Primary(Master) Server, Media Server, Client
UPD219450	NetBackup 8.3.0.1 HotFix - Exchange GRT restore fails with error: Could not create SSL/TLS secure channel (Etrack 4041779)	Primary(Master) Server, Media Server, Client
UPD736306	VTS22-012 and VTS22-013 - Hotfix for Security Advisory impacting NetBackup 8.3.0.1 and Appliance 3.3.0.1 Primary and Media Servers (Etrack 4075041)	Primary(Master) Server, Media Server, Client

NetBackup Documentation References:

Updates, Patches and Late Breaking News for NetBackup 8.3x

Patches for Operating System for Client   **Back to top**

Required Patches
There is no information found for this section.

NetBackup Documentation References:
NetBackup Release Notes
NetBackup Self Service Release Notes

NetBackup Appliances   **Back to top**

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 (Primary/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 Primary 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
3.3.0.1	5340, 5330	8.3.0.1
3.2	5340, 5330	8.2
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

NetBackup 5200 Series - Supported Versions

NetBackup 5200 Series Appliance Release	Supported NetBackup Appliance Models	Based on NetBackup Release

3.3.0.1	5250, CloudCatalyst 5240, 5240, 5230	8.3.0.1
3.2	5250 , CloudCatalyst 5240, 5240, 5230[1]	8.2
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

Footnotes

1. The Veritas 5250 Appliance requires a revised version of 3.2.

NetBackup Virtual Appliance - Supported Versions

NetBackup Virtual Appliance Release	Based on NetBackup Release	Supported Platforms
3.3.0.1	8.3.0.1	vSphere 6.0, 6.5, 6.7, 7.0
3.2	8.2	vSphere 6.0, 6.5, 6.7
3.1.2	8.1.2	vSphere 5.5, 6.0, 6.5
3.1.1	8.1.1	vSphere 5.5, 6.0, 6.5
3.1	8.1	vSphere 5.5, 6.0, 6.5
3.0	8.0	vSphere 5.5, 6.0

NetBackup Flex Appliance - Supported Versions

NetBackup Flex Appliance Release	Supported NetBackup Appliance Models	Supported NetBackup Primary Server Versions	Supported NetBackup Media Server Versions	WORM (OST Target)
2.1.2	5350 (Configuration A, B, C), 5340 (Configuration A, B, C, D, E, F, G, H, J), 5250 (Configuration A, B, C, D, E, F), 5150	10.1, 10.0.0.1, 10.0, 9.1.0.1, 9.1, 9.0.0.1, 9.0, 8.3.0.2, 8.3.0.1	10.1, 10.0.0.1, 10.0, 9.1.0.1, 9.1, 9.0.0.1, 9.0, 8.3.0.2, 8.3.0.1	17.0, 16.0.1, 16.0, 15.0.2, 15.0, 14.0.1, 14.0, 13.0.2, 13.0.1.1[1][2][3][4][5][6][7][8]
2.1.1	5350 (Configuration A, B, C), 5340 (Configuration A, B, C, D, E, F, G, H, J),	10.1, 10.0.0.1, 10.0, 9.1.0.1, 9.1, 9.0.0.1, 9.0, 8.3.0.2, 8.3.0.1	10.1, 10.0.0.1, 10.0, 9.1.0.1, 9.1, 9.0.0.1, 9.0, 8.3.0.2, 8.3.0.1	17.0, 16.0.1, 16.0, 15.0.2, 15.0, 14.0.1,

	5250 (Configuration A, B, C, D, E, F), 5150			14.0, 13.0.2, 13.0.1.1[1][2][3][4][5][6][7][8]
2.1	5350 (Configuration A, B, C), 5340 (Configuration A, B, C, D, E, F, G, H, J), 5250 (Configuration A, B, C, D, E, F), 5150	10.0.0.1, 10.0, 9.1.0.1, 9.1, 9.0.0.1, 9.0, 8.3.0.2, 8.3.0.1	10.0.0.1, 10.0, 9.1.0.1, 9.1, 9.0.0.1, 9.0, 8.3.0.2, 8.3.0.1	16.0.1, 16.0, 15.0.2, 15.0, 14.0.1, 14.0, 13.0.2, 13.0.1.1[1][2][3][4][5][6][7]
2.0.1	5350 (Configuration A, B, C), 5340 (Configuration A, B, C, D, E, F, G, H, J), 5250 (Configuration A, B, C, D, E, F), 5150	9.1.0.1, 9.1, 9.0.0.1, 9.0, 8.3.0.2, 8.3.0.1	9.1.0.1, 9.1, 9.0.0.1, 9.0, 8.3.0.2, 8.3.0.1	15.0.2, 15.0, 14.0.1, 14.0, 13.0.2, 13.0.1.1[1][2][3][4][5]
2.0	5340 (Configuration A, B, C, D, E, F, G, H, J), 5150	9.0.0.1, 9.0, 8.3.0.2, 8.3.0.1, 8.2	9.0.0.1, 9.0, 8.3.0.2, 8.3.0.1, 8.2	14.0.1, 14.0, 13.0.2, 13.0.1.1[1][2][3]
1.3.1	5340 (Configuration A), 5150	8.3.0.1, 8.2, 8.1.2, 8.1.1, 8.1[9]	8.3.0.1, 8.2, 8.1.2, 8.1.1, 8.1[9]	Not supported
1.3	5340 (Configuration A), 5150	8.3.0.1, 8.2, 8.1.2, 8.1.1, 8.1[9]	8.3.0.1, 8.2, 8.1.2, 8.1.1, 8.1[9]	Not supported

Footnotes

1. WORM storage server version 13.0.2 requires NetBackup primary and media server version 8.3.0.2 or later.
2. WORM storage server version 14.0 requires NetBackup primary and media server version 9.0 or later.
3. WORM storage server version 14.0.1 requires NetBackup primary and media server version 9.0.0.1 or later.
4. WORM storage server version 15.0 requires NetBackup primary and media server version 9.1 or later.
5. WORM storage server version 15.0.2 requires NetBackup primary and media server version 9.1.0.1 or later.
6. WORM storage server version 16.0 requires NetBackup primary and media server version 10.0 or later.
7. WORM storage server version 16.0.1 requires NetBackup primary and media server version 10.0.0.1 or later.
8. WORM storage server version 17.0 requires NetBackup primary and media server version 10.1 or later.
9. 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.

Configuration for the cloud storage provider must be done using the Cloud Storage Configuration wizard in the NetBackup Administration Console. After this configuration is completed, you must manually create a backup policy for the deduplication (MSDP) pool catalog. For details, see the "NetBackup 52xx Appliance Initial Configuration Guide".

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

Cloud solution	NetBackup Appliances running 3.2	NetBackup Appliances running 3.3.0.1
ACP CS3 (S3)	Included in release	Included in release
Alibaba Cloud Object Storage Service (OSS) (S3)	Included in release	Included in release
Amazon Glacier (S3)	Included in release	Included in release
Amazon Glacier Deep Archive (S3)	Included in release	Included in release
Amazon GovCloud Glacier (S3)	Included in release	Included in release
Amazon GovCloud Glacier Deep Archive (S3)	Included in release	Included in release
Amazon GovCloud Simple Storage Service (S3)	Included in release	Included in release
Amazon GovCloud Simple Storage Service - Infrequent Access (S3)	Included in release	Included in release
Amazon Simple Storage Service (S3)	Included in release	Included in release
Amazon Simple Storage Service - Infrequent Access (S3)	Included in release	Included in release
Amazon Simple Storage Service - OneZone-Infrequent Access (S3)	Included in release	Included in release
AT&T Cloud Storage (S3)	Included in release	Included in release
China Mobile CMCC Cloud Storage (S3)	Included in release	Included in release
China Telecom OOS (S3)	Included in release	Included in release
Chunghwa Telecom Hicloud S3 (S3)	Included in release	Included in release
Cloudian HyperStore Object Storage (S3)	Included in release	Included in release

Dell EMC Elastic Cloud Storage (S3)	Included in release	Included in release
Deutsche Telekom Open Telekom Cloud (S3)	Included in release	Included in release
Fujitsu ETERNUS CD10000 (S3)	Included in release	Included in release
Google Cloud Storage - Multi-Regional (S3)	Included in release	Included in release
Google Cloud Storage - Regional (S3)	Included in release	Included in release
Google Cloud Storage Coldline (S3)	Included in release	Included in release
Google Cloud Storage Nearline (S3)	Included in release	Included in release
Hitachi Vantara Content Platform (HCP) (S3)	Included in release	Included in release
Hitachi Vantara Cloud Scale (S3)	Not Supported	Included in release
IBM Cloud Object Storage - Cold Vault (S3)	Included in release	Included in release
IBM Cloud Object Storage - Flex (S3)	Included in release	Included in release
IBM Cloud Object Storage - Private (S3)	Included in release	Included in release
IBM Cloud Object Storage - Standard (S3)	Included in release	Included in release
IBM Cloud Object Storage - Vault (S3)	Included in release	Included in release
Infoniqa SWISS3CLOUD (S3)	Included in release	Included in release
Kingsoft Standard Storage Service (KS3) - Standard (S3)	Included in release	Included in release
Kingsoft Standard Storage Service (KS3) - Standard IA (S3)	Included in release	Included in release
Microsoft Azure (Azure)	Included in release	Included in release
Microsoft Azure Germany (Azure)	Included in release	Included in release
Microsoft Azure Government (Azure)	Included in release	Included in release
NEC Cloud IaaS (S3)	Included in release	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)	Included in release	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)	Included in release	Included in release
NetApp StorageGRID Webscale Object Storage (S3)	Included in release	Included in release
NooBaa (S3)	Included in release	Included in release
Nutanix Objects (S3)	Not supported	Included in release
Oracle Cloud Infrastructure (S3)	Included in release	Included in release
Orange Business Services Flexible Engine OBS (S3)	Not supported	Included in release
Quantum Active Archive and ActiveScale Systems (S3) (formerly HGST)	Included in release	Included in release
Quantum Lattus Object Storage (S3)	Included in release	Included in release
Red Hat Ceph Storage (S3)	Included in release	Included in release
SandStone MOS (S3)	Not supportedr	Included in release
Scality RING Storage (S3)	Included in release	Included in release
SUSE Enterprise Storage (S3)	Included in release	Included in release
SwiftStack Object Storage (S3)	Included in release	Included in release
Telefonica Open Cloud (S3)	Included in release	Included in release
Veritas Access (S3)	Included in release	Included in release
Veritas Access 3340 Appliance (S3)	Included in release	Included in release

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 (3.2 or later) 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 "NetBackup 8.0 - 8.x.x Database and Application Agent Compatibility List", and Snapshot client configurations.

For information on functionality supported with earlier versions of NetBackup Appliances, see the NetBackup Appliances section of the NetBackup Enterprise Server and Server 8.0 - 8.1.x Hardware and Cloud Storage Compatibility List.

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

Functionality	Minimum Appliance Release	Supported Appliance Models	Notes
NetBackup Primary/Media Server	3.2	5200 Series, Virtual	The Primary 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 Primary Server.
NetBackup Media Server	3.2	5200 Series, 5300 Series, Virtual	The Primary Server in the NetBackup domain must be running a version of NetBackup equal to or newer than the NetBackup version on which the appliance is based.
NetBackup CloudCatalyst Appliance	3.2	5240 (Configuration G with 192 GB of memory), Virtual	
Accelerator (for files and folders)	3.2	5200 Series, 5300 Series, Virtual	
Accelerator with NDMP	3.2	5200 Series, 5300 Series, Virtual	Supported with Dell EMC Isilon Scale-Out NAS filers, 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	3.2	5200 Series, 5300 Series, Virtual	
Auto Image Replication to MSDP/5200 Series or 5300 Series over Ethernet	3.2	5200 Series, 5300 Series, Virtual	
Auto Image Replication to MSDP/5200 Series or 5300 Series over Fibre Channel (FC)	3.2	5200 Series, 5300 Series	
Auto Image Replication to PDDO/5000 Series	3.2	5200 Series, 5300 Series, Virtual	
Client Deduplication / Client Direct over Ethernet	3.2	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	3.2	5230, 5240, 5250, 5330, 5340, Virtual	For more information on this feature, see the "NetBackup

			Copilot for Oracle Configuration Guide" .
Fibre Transport Media Server	3.2	5230, 5240, 5250, 5330, 5340	Supported with 8 Gb HBAs in NetBackup 5230, 5240, 5250, 5330, and 5340 Appliances. Supported with 16 Gb HBAs in NetBackup 5240 and 5340 Appliances.
FIPS-compliant encryption	3.2	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)	3.2	5200 Series, 5300 Series, Virtual	
Granular Recovery Technology (GRT) with VMware-type policies	3.2	5200 Series, 5300 Series, Virtual	Support for VMware-type backup policies with Application Protection options enabled for Exchange or SharePoint.
Instant Data Access	3.2	5230, 5240, 5250, 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	3.2	5200 Series, 5300 Series, Virtual	Support for restoring virtual machines with Instant Recovery is described in the "NetBackup for VMware Administrator's Guide" . 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 Initator - Hardware-assisted with TCP Offload Engine (TOE) card	3.2	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)	3.2	5200 Series, 5300 Series	KMS is supported with Appliances configured as either a Primary or a Media Server. With a NetBackupCLI administrator account in the NetBackup Appliance Shell Menu, an Appliance Primary 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 Primary Server.
NetBackup Access Control (NBAC)	3.2	5200 Series, 5300 Series	Supported when the Appliance is configured as a Media Server only. Not supported when the Appliance is configured as a Primary Server.
NDMP	3.2	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	3.2	5200 Series, 5300 Series, Virtual	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	3.2	5200 Series, 5300 Series, Virtual	
OpsCenter Managed Server	3.2	5200 Series, 5300 Series, Virtual	
Optimized Duplication (Opt_Dup) over Ethernet	3.2	5200 Series, 5300 Series, Virtual	Supported from 5200/5300 Series/Virtual to 5000 Series (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)	3.2	5200 Series, 5300 Series	Supported from 5200/5300 Series to 5000 Series (MSDP to PDDO), and from 5200/5300 Series to 5200/5300 Series (MSDP to MSDP)
Optimized Synthetics (Opt_Synth)	3.2	5200 Series, 5300 Series, Virtual	
Tape Drive Support	3.2	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	3.2	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 Adminstration Console to configure robots and tape drives on the NetBackup Appliance.
Universal Shares	3.2	5240, 5250, 5330, 5340	For more information on configuring Universal Shares,

			see Manage > Storage > Universal Shares
Virtual Tape Library (VTL) Support	3.2	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 Adminstration 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	

NetBackup Hardware Compatibility Documentation:
NetBackup 8.2 - 8.x.x Hardware and Cloud Storage Compatibility List (last updated on October 05, 2023)
NetBackup Hardware Compatibility Documentation: Introduction
Appliance Compatibility List

NetBackup Self Service

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

		Microsoft SQL Server on Amazon RDS

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]

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

Software Compatibility List (SCL) for Client   **Back to top**

Microsoft Windows 11 - NetBackup Client

OS	CPU Architecture	OS Bits	NetBackup Client	NetBackup Bits	NBAC	SAN Client	Minimum NetBackup Level
Windows 11	x86-64	64	Y	64			8.0

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates
Operating Systems Compatibility List General Information

SAN Media Server/SAN Client/FT Media Server for Client   **Back to top**

• 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

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

System Requirements for Client   **Back to top**

NetBackup and Backup Exec are not compatible

NetBackup and Backup Exec cannot run on the same host as known severe compatibility issues can arise. Do not attempt to install NetBackup without first uninstalling Backup Exec. See NetBackup is not supported on hosts with Backup Exec installed for more information.

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

Windows	x86-64		482 MB	Covers all compatible Windows x64 platforms.

* If you install NetBackup in a custom location on a Windows system, some portions of the software are installed on the system drive regardless of the primary application folder location. The space that is required on the system drive generally accounts for 40 to 50 percent of the total binary size that is listed in the above table.

Temporary Disk Space Requirement for Upgrades
During an upgrade of NetBackup, 500 MBs of temporary disk space is required on the drive where Windows is installed.

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 Release Notes
NetBackup Self Service Release Notes

Replication Director for Client   **Back to top**
This feature is not supported on this platform.

NetBackup Hardware Compatibility Documentation:
NetBackup 8.2 - 8.x.x Hardware and Cloud Storage Compatibility List (last updated on October 05, 2023)
NetBackup Hardware Compatibility Documentation: Introduction

Bare Metal Restore File System/Volume Manager Support for Client   **Back to top**
This feature is not supported on this platform.

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

Virtual Systems Compatibility for Client   **Back to top**

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
8.3	7.0	vSphere 7.0, 7.0 U1, 7.0 U2, 7.0 U3	Service Provider Versions: 9.0, 9.1, 9.5, 9.7, 10, 10.1	All 64 bit only: Windows Server 2019, 2016, 2012 R2, 2012

		vSphere 6.7, 6.7 U1, 6.7 U2, 6.7 U3 vSphere 6.5, 6.5 U1, 6.5 U2, 6.5 U3 VMware vSAN 6.5, 6.6, 6.6.1, 6.7, 6.7 U1, 6.7 U2, 6.7 U3 VMware vSAN 7.0 , 7.0 U1, 7.0 U2, 7.0 U3 Refer VMware VDDK release notes URL below for additional information on supported vCenter and ESXi versions.		Red Hat Enterprise Linux (RHEL) 7.7, 8.0 SUSE Linux Enterprise Server (SLES) 12SP5, 15SP1 CentOS 7.7
8.3.0.1	7.0	vSphere 7.0, 7.0 U1, 7.0 U2, 7.0 U3 vSphere 6.7, 6.7 U1, 6.7 U2, 6.7 U3 vSphere 6.5, 6.5 U1, 6.5 U2, 6.5 U3 VMware vSAN 6.5, 6.6, 6.6.1, 6.7, 6.7 U1, 6.7 U2, 6.7 U3 VMware vSAN 7.0 , 7.0 U1, 7.0 U2, 7.0 U3 Refer VMware VDDK release notes URL below for additional information on supported vCenter and ESXi versions.	Service Provider Versions: 9.0, 9.1, 9.5, 9.7, 10, 10.1	All 64 bit only: Windows Server 2019, 2016, 2012 R2, 2012 Red Hat Enterprise Linux (RHEL) 7.7, 8.0 SUSE Linux Enterprise Server (SLES) 12SP5, 15SP1 CentOS 7.7

- 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 (VVols)
• 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 8.1 8.1.1 8.1.2 8.2 8.3	Hyper-V Server 2019 Hyper-V Server 2016 Hyper-V Server 2012 R2 Hyper-V Server 2008 R2 Hyper-V Server 2008SP2	NetBackup Add-In and Hyper-V Intelligent Policy for • SCVMM 2012 R2 • SCVMM 2016 • SCVMM 2019	• 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

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

Nutanix AOS versions and backup host

Supported Nutanix AOS versions and backup host operating systems

NetBackup for Nutanix AHV protects Nutanix AHV virtual machines by integrating with Nutanix APIs for Data Protection.
All minor versions of Nutanix AOS are supported unless specifically noted in the table below.

NetBackup Versions	Nutanix AOS Versions	Backup/Restore Host Versions	Notes
8.2, 8.3	5.10 5.11 5.15 5.17 5.18, 5.19, 5.20, 6.0, 6.1 , 6.5 [1][1]	NetBackup 8.2 and 8.3 supported x86-64 platforms of Red Hat Enterprise Linux and SUSE Linux Enterprise Server will work as backup hosts.	• Nutanix AOS 5.10 is supported with "BigData" and "Hypervisor" policy type. • Nutanix AOS 5.11 and later versions are supported with "Hypervisor" policy type only • NetBackup plug-in for Nutanix-AHV is required to enable "Hypervisor" policy on NetBackup 8.2, The Plugin can be downloaded from SORT/ Download Centre. The EEB required to enable the support can be obtained from Veritas Technical Support

Footnotes

1. Support for AOS 5.18 and above with NetBackup 8.2 requires an EEB from Veritas Support. For details, refer https://www.veritas.com/support/en_US/article.100049391.

Note the following:
• Going forward any new AOS versions and new feature sets will be supported with "Hypervisor" policy only. Veritas recommends switching to "Hypervisor" policy for Nutanix AHV protection. Refer: https://www.veritas.com/content/support/en_US/doc/127664414-140673866-0/v127666788-140673866

  • Refer Nutanix Acropolis Hypervisor (AHV) Administrator's Guide for knowing more on Nutanix-AHV VM protection. https://www.veritas.com/content/support/en_US/doc/127664414-140673866-0/v127666788-140673866
• To backup other hypervisors like VMware ESX or a Hyper-V on a Nutanix Acropolis cluster, please see VMware ESX or a Hyper-V SCL for support matrix. To backup VMware ESX or a Hyper-V on a Nutanix Acropolis cluster, use a VMware policy or a Hyper-V, respectively.
• NetBackup supports installation of the backup host in a virtual machine.
• English only AHV is supported.
• Backups are Crash Consistent.
• AHV Community Edition is not supported.
• Nutanix-AHV Plugin can be installed on NetBackup Master, Media or Client to be used as Nutanix Backup Host. Veritas recommends having NetBackup Media server as Backup-Host.
• Backup of VMs having volume groups is not supported.
• NetBackup currently does not support file-level recovery. Backup and recovery of the entire virtual machine for all guest operating systems is supported.

Red Hat Virtualization Compatibility

Supported RedHat Virtualization (RHV) Versions
• NetBackup currently supports only x86-64 editions of RHV servers.

NetBackup Versions	RHV Versions
8.3	4.2 4.3, 4.4[1]

Footnotes

1. EEB for NetBackup 8.3 can be obtained from Veritas technical support

Note:
• Support of Red Hat Virtulization Manager and Hypervisor starts from version 4.2.7
• NetBackup 8.2 supported x86-64 platforms of Microsoft Windows Server, Red Hat Enterprise Linux and SUSE Linux Enterprise Server will work as backup hosts.
• Application consistent backup needs RHV Guest Agent.

• Pass through disk cannot be backed up by RHV agent. Please install NetBackup client inside the VM to protect data on such disks.
• RHV 4.3.3 has issue in restoring thick provision disk. Till fix is available from RedHat, please restore disk as thin provision.
• VMs in suspended state cannot be protected.
• Cinder storage is currently not supported.
• Backup of VMs based on a template (thin clone) may fail to delete snapshots created by the backup job. If such a condition is encountered, then subsequent backups would fail.
   This issue is related to a race condition in RHV Manager versions 4.2.x, 4.3.0 to 4.3.3. Red Hat recommends upgrading RHV Manager to 4.3.4 before protecting such VMs.
   Refer: https://access.redhat.com/support/policy/updates/rhev

OpenStack Virtualization Compatibility

Supported OpenStack Versions
Distributions which include the following OpenStack versions are supported.
Supported Hypervisor: KVM

NetBackup Versions	OpenStack Revisions	Backup/Restore Host Versions
8.3	Mitaka, Newton, Ocata, Pike, Queens, Rocky, Stein, Train, Ussuri	NetBackup 8.3 supported x86-64 platforms of Red Hat Enterprise Linux and SUSE Linux Enterprise Server will work as backup hosts.

VMware vRealize Compatibility

Veritas NetBackup plug-in for VMWare vRealize Version	VMWare vRealize Orchestrator Versions	NetBackup Versions
1.0	7.5 7.6	NetBackup 8.1.2 NetBackup 8.2 NetBackup 8.3 NetBackup 8.3.0.1
1.1	7.5 7.6	NetBackup 8.1.2 NetBackup 8.2 NetBackup 8.3 NetBackup 8.3.0.1

| 2.0 | 8.3
8.4 | NetBackup 8.2
NetBackup 8.3
NetBackup 8.3.0.1 |

Note:
• NetBackup 8.2 and later versions support Backup Now for VMWare VM, AWS VM and AWS Volumes
• NetBackup 8.2 and later versions support API Key Authentication in addition to standard Authentication.This is recommended

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

Client Selections for Backup Policies for Client   **Back to top**
There is no information found for this section.

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

Deduplication Supported Operating Systems for Client   **Back to top**
This feature is not supported on this platform.

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

Database and Application Agent Compatibility for Client

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

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Snapshot Client - General Information for Client

This section contains Snapshot Client compatibility information for Veritas NetBackup 8.2 - 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	For details on supported operating systems, please refer to the "NetBackup 8.0 - 8.x.x Operating System Software Compatibility List" . 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. 4. Where support is shown for "Windows Server 2019 Datacenter" it also means that the other editions of Windows Server 2019 are supported.
Operating system support dropped	**1. CentOS 6 is not supported as a media server with NetBackup 9.0 and later.** **2. Red Hat Enterprise Linux 6 is not supported as a media server with NetBackup 9.0 and later.**

> 3. **Solaris (all versions) on SPARC and x86-64 will not be supported as a media server with NetBackup 10.0 and later.**
> 4. **SUSE Linux Enterprise Server 11 is not supported as a media server with NetBackup 8.3 and later.**
> 5. **SUSE Linux Enterprise Server 12 GA through SP2 are not supported as a media server with NetBackup 8.3 and later.**
> 6. **Windows 2008 and 2008 R2 are not supported by Microsoft as of January 14, 2020.**

NetBackup Hardware Compatibility Documentation:
NetBackup 8.2 - 8.x.x Hardware and Cloud Storage Compatibility List (last updated on October 05, 2023)
NetBackup Hardware Compatibility Documentation: Introduction

Snapshot Client - Array-based Snapshot Methods for Client   **Back to top**

This feature is not supported on this platform.

NetBackup Hardware Compatibility Documentation:
NetBackup 8.2 - 8.x.x Hardware and Cloud Storage Compatibility List (last updated on October 05, 2023)
NetBackup Hardware Compatibility Documentation: Introduction

Snapshot Client - Software-based Snapshot Methods for Client   **Back to top**

This feature is not supported on this platform.

NetBackup Hardware Compatibility Documentation:
NetBackup 8.2 - 8.x.x Hardware and Cloud Storage Compatibility List (last updated on October 05, 2023)
NetBackup Hardware Compatibility Documentation: Introduction

Snapshot Client - VSS Snapshot Providers Support for Microsoft Windows Considerations for Client **Back to top**

Subject	Notes
Support assumptions	- Array vendor tables have been removed from this section as Veritas NetBackup has an open support policy for Microsoft Volume Shadow Copy Service (VSS) snapshots. - Support is implied if an array vendor supplies and actively supports a VSS provider, or when using a Veritas InfoScale/ Storage Foundation VxVM provider, or when using the Microsoft Default System provider. - Support includes Local, Alternate Client, FlashBackup-Windows Local, and FlashBackup-Windows Alternate Client snapshot methods. - Support extends to NetBackup application agents, Windows virtual machines using VMware RDM disks or Hyper-V Pass-Thru disks, and NetBackup for Hyper-V backups of VM snapshots. - Snapshot roll back (Snapshot Client Instant Recovery) is not supported, use the copy back method instead. - Consult with your array vendor on VSS provider availability.

NetBackup Hardware Compatibility Documentation:
NetBackup 8.2 - 8.x.x Hardware and Cloud Storage Compatibility List (last updated on October 05, 2023)
NetBackup Hardware Compatibility Documentation: Introduction

Encryption and Security Solutions for Client   **Back to top**

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

NetBackup Hardware Compatibility Documentation:
NetBackup 8.2 - 8.x.x Hardware and Cloud Storage Compatibility List (last updated on October 05, 2023)
NetBackup Hardware Compatibility Documentation: Introduction

Active Directory Support for Client   **Back to top**
This feature is not supported on this platform.

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

File System Compatibility for Client **Back to top**

There is no information found for this section.

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

NetBackup OpsCenter Web Browser Requirements **Back to top**

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 the NetBackup OpsCenter Administrator's Guide. - 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
Mozilla Firefox	- 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	- 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 Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

NetBackup OpsCenter Backup Product Support **Back to top**

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.	No

		To create or configure the data collector, select the Agent that is installed as Integrated Agent.	

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

NetBackup OpsCenter Operating System Requirements   **Back to top**

NetBackup OpsCenter Binary Size

Approximate binary sizes for NetBackup OpsCenter Agent, Server, and ViewBuilder software.

OS - All Versions	CPU Architecture	Agent	Server	ViewBuilder
Windows Server	x86-64	264 MB	699 MB	232 MB

NetBackup OpsCenter Physical Memory Requirement

OS/Version	CPU Architecture	Minimum Memory Requirement
Windows 11	x86-64	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.

Software compatibility and release notes documentation is contained in:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates
NetBackup Release Notes
NetBackup Self Service Release Notes

NetBackup Administration Consoles   **Back to top**

This feature is not supported on this platform.

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

NetBackup in the Cloud   **Back to top**

Core NetBackup Deployments in the Cloud

NetBackup supports cloud-based Primary Servers and Media Servers as part of extending data protection into workloads in the cloud. For more information, see the "360 Data Management" page.

Core NetBackup Deployments in the Cloud - Considerations

Subject	Notes
Support assumptions	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 "Installation and upgrade requirements for UNIX and Linux" or "Installation and upgrade requirements for Windows and Windows clusters" in 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 .

Core NetBackup Deployments 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

Core NetBackup Deployments in the Cloud - Deployment Templates

Contents (for details click on the checkbox)

Amazon   Microsoft

NetBackup CloudPoint In-Cloud Data Protection

NetBackup CloudPoint In-Cloud Data Protection is available in NetBackup 8.3 and later.

NetBackup CloudPoint In-Cloud Data Protection - System Requirements

NetBackup CloudPoint In-Cloud Data Protection - Supported File Systems

NetBackup CloudPoint In-Cloud Data Protection is supported with the following operating systems and file systems:

NetBackup CloudPoint In-Cloud Data Protection - File system support

Operating System	Supported File Systems
Linux	ext3, ext4, xfs[1]
Windows	NTFS

Footnotes

1. ext2 snapshots are not application-consistent due to underlying OS limitations.

NetBackup CloudPoint In-Cloud Data Protection - High Level Feature Support

NetBackup CloudPoint In-Cloud Data Protection high level feature support information is listed in the tables below, organized by vendor.

Contents (for details click on the checkbox)

NetBackup CloudPoint In-Cloud Data Protection High Level Feature Support - Amazon Web Services	NetBackup CloudPoint In-Cloud Data Protection High Level Feature Support - Google Cloud Platform	NetBackup CloudPoint In-Cloud Data Protection High Level Feature Support - Microsoft Azure

NetBackup CloudPoint In-Cloud Data Protection - Restore Options from Snapshots

NetBackup CloudPoint In-Cloud Data Protection support for snapshot restore options is listed in the tables below, organized by vendor.

Contents (for details click on the checkbox)

NetBackup CloudPoint In-Cloud Data Protection Restore Options - Amazon Web Services	NetBackup CloudPoint In-Cloud Data Protection Restore Options - Google Cloud Platform	NetBackup CloudPoint In-Cloud Data Protection Restore Options - Microsoft Azure

NetBackup CloudPoint In-Cloud Data Protection Replication Support Across Regions

NetBackup CloudPoint In-Cloud Data Protection support for replication across regions is listed in the tables below, organized by cloud vendor.

Contents (for details click on the checkbox)

NetBackup CloudPoint In-Cloud Data
Protection Replication Support - Amazon
Web Services

NetBackup CloudPoint In-Cloud Data Protection Replication Support Across Accounts

NetBackup CloudPoint In-Cloud Data Protection support for replication across accounts is listed in the tables below, organized by vendor.

Contents (for details click on the checkbox)

NetBackup CloudPoint In-Cloud Data
Protection Replication Support - Amazon
Web Services

NetBackup CloudPoint In-Cloud Data Protection Restore Options for Snapshots Replicated Across Regions

NetBackup CloudPoint In-Cloud Data Protection support for restore options for snapshots replicated across regions is listed in the tables below, organized by vendor.

Contents (for details click on the checkbox)

NetBackup CloudPoint In-Cloud Data
Protection Replicated Snapshot Restore
Support - Amazon Web Services

NetBackup CloudPoint In-Cloud Data Protection Restore Options for Snapshots Replicated Across Accounts

NetBackup CloudPoint In-Cloud Data Protection support for restore options for snapshots replicated across accounts is listed in the tables below, organized by vendor.

Contents (for details click on the checkbox)
NetBackup CloudPoint In-Cloud Data
Protection Replicated Snapshot Restore
Support - Amazon Web Services

NetBackup CloudPoint In-Cloud Data Protection Supported Regions

Region support for cloud providers is listed in the tables below, organized by provider.

NetBackup CloudPoint In-Cloud Data Protection - Supported Regions

Cloud Provider	Supported Regions
Amazon Web Services	Africa (Cape Town), Asia Pacific (Hong Kong), Asia Pacific (Mumbai), Asia Pacific (Seoul), Asia Pacific (Singapore), Asia Pacific (Sydney), Asia Pacific (Tokyo), AWS GovCloud (US-East), AWS GovCloud (US-West), Canada (Central), China (Beijing), China (Ningxia), Europe (Frankfurt), Europe (Ireland), Europe (London), Europe (Milan), Europe (Paris), Middle East (Bahrain), South America (Sao Paulo), US East (N. Virginia), US East (Ohio), US West (N. California), US West (Oregon)
Google Cloud Platform	Asia-East1 (zones a, b, c), Asia-East2 (zones a, b, c), Asia-Northeast1 (zones a, b, c), Asia-Northeast2 (zones a, b, c), Asia-South1 (zones a, b, c), Asia-Southeast1 (zones a, b, c), Australia-Southeast1 (zones a, b, c), Europe-North1 (zones a, b, c), Europe-West1 (zones b, c, d), Europe-West2 (zones a, b, c), Europe-West3 (zones a, b, c), Europe-West4 (zones a, b, c), Europe-West6 (zones a, b, c), NorthAmerica-Northeast1 (zones a, b, c), SouthAmerica-East1 (zones a, b, c), US-Central1 (zones a, b, c, f), US-East1 (zones b, c, d), US-East4 (zones a, b, c), US-West1 (zones a, b, c), US-West2 (zones a, b, c), US-West3 (zones a, b, c), US-West4 (zones a,b,c)
Microsoft Azure	All regions

NetBackup CloudPoint In-Cloud Data Protection - Database Applications

NetBackup CloudPoint In-Cloud Data Protection support for database applications is listed in the tables below, organized by vendor.

Contents (for details click on the checkbox)

MongoDB	Microsoft SQL	Oracle

NetBackup Hardware Compatibility Documentation:
NetBackup 8.2 - 8.x.x Hardware and Cloud Storage Compatibility List (last updated on October 05, 2023)
NetBackup Hardware Compatibility Documentation: Introduction

NetBackup Snapshot Manager **Back to top**

Starting with NetBackup 8.3, you can add CloudPoint servers from the NetBackup web UI. You can manage CloudPoint and control discovery of assets from the NetBackup webUI, REST API, and CLI without interacting with the CloudPoint interfaces.

You can upgrade to NetBackup Snapshot Manager from CloudPoint 2.x and later. If you are using a standalone CloudPoint server and want to use it along with NetBackup, you can migrate your CloudPoint server. For more information, see the Veritas NetBackup CloudPoint Install and Upgrade Guide.

NetBackup Snapshot Manager / CloudPoint - Considerations

Subject	Notes
Vendor support considerations	1. All storage configurations shown in the tables below were tested with drivers and firmware supported by the storage array vendors. Check with these vendors for minimum driver and firmware levels, specific driver and firmware support, support for the stated Veritas products, and other functional options. 2. Veritas supports hardware products listed below that include virtualization capability, but Veritas does not support compatibility issues that can be attributed to the virtualization feature. Veritas requires any compatibility issue to be

	reproduced in a non-virtualization environment. If the issue is confirmed to be related to Veritas products, Veritas will support its software at the same level as when that software is not running with hardware virtualization products. Veritas will cooperate with virtualization vendors, and attempt to assist in the diagnosis of problems found between the virtualization and Veritas products. 3. Minor ("double-dot") versions of the software listed in the tables below are also supported. (Example: "v5.0" means versions v5.0.1, v5.0.2, etc. are also supported.)

NetBackup Snapshot Manager / CloudPoint - Vendor Compatibility

 Contents (for details click on the checkbox)

Dell EMC	Hewlett Packard Enterprise	Hitachi Vantara
Huawei	Infinidat	NetApp
Nutanix	Pure Storage	

NetBackup Hardware Compatibility Documentation:
NetBackup 8.2 - 8.x.x Hardware and Cloud Storage Compatibility List (last updated on October 05, 2023)
NetBackup Hardware Compatibility Documentation: Introduction

Support for Workloads with Image Sharing in Cloud   **Back to top**

Image Sharing in Cloud is supported with either MSDP Direct Cloud Tiering or CloudCatalyst. Workload support is listed in the tables below.

Support for Image Sharing using MSDP Direct Cloud Tiering

Image sharing using MSDP Direct Cloud Tiering is supported with any of the S3 cloud providers listed in the Vendor Compatibility tables below, and with Microsoft Azure Blob storage.

MSDP Direct Cloud Tiering is supported with NetBackup 8.3 and later.

For more information on image sharing using MSDP Direct Cloud Tiering, see "About Image Sharing using MSDP cloud".

Support for Image Sharing using CloudCatalyst

Image sharing using CloudCatalyst is supported with any of the S3 cloud providers listed in the Vendor Compatibility tables below, and with Microsoft Azure Blob storage.

For more information on image sharing using CloudCatalyst, see "About automated disaster recovery in cloud using CloudCatalyst".

Image Sharing in Cloud - Supported Workloads

Workload	NetBackup Start of Support	Notes
Basic backups of files and folders	8.2	
Bare Metal Restore (BMR)	Not supported	Duplication of images is supported. Restores can be done from another NetBackup media server.
DB2	8.2	
Enterprise Vault	8.2	
Hadoop	8.2	
Hbase	8.2	
Hyper-V	8.2	
Informix	8.2	
Lotus Notes	8.2	
MariaDB	8.2	
Microsoft Exchange Server	8.2	
Microsoft SharePoint	8.2	
Microsoft SQL Server	8.2	
MySQL	8.2	
NDMP	8.2	

Nutanix	Not supported	Duplication of images is supported. Restores can be done from another NetBackup media server.
OpenStack	Not supported	Duplication of images is supported. Restores can be done from another NetBackup media server.
Oracle	8.2	
Postgres	8.2	
RHV	8.2	
SAP	Not supported	Duplication of images is supported. Restores can be done from another NetBackup media server.
Sybase	8.2	
VMware	8.2	

NetBackup Hardware Compatibility Documentation:
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NetBackup Hardware Compatibility Documentation: Introduction

NetBackup Future Platform and Feature Plans   **Back to top**

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.

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

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

NetBackup Software Compatibility Documentation:
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List (last updated on March 11, 2024)
8.0 - 8.x.x OS Software Compatibility List Updates

Documentation   **Back to top**

Product Documentation

NetBackup 8.3 API - Getting Started
- NetBackup Documentation Landing Page (Including links for all PDFs individually, and PDFs in a single .zip file)
NetBackup 8.3 Administrator's Guide, Volume II
NetBackup 8.3.0.1 Administrator's Guide, Volume I
NetBackup AdvancedDisk Storage Solutions Guide
NetBackup Asset Service APIs Getting Started Guide
NetBackup Cloud Administrator's Guide
NetBackup CloudPoint Installation Guide
NetBackup Commands Reference Guide
NetBackup Deduplication Guide
NetBackup Emergency Engineering Binary Guide
NetBackup for DB2 Administrator's Guide
NetBackup for Hadoop Administrator's Guide
NetBackup for Hyper-V Administrator's Guide
NetBackup for Lotus Notes Administrator's Guide
NetBackup for Microsoft Azure Stack Administrator's Guide
NetBackup for Microsoft SharePoint Server Administrator's Guide
NetBackup for Microsoft SQL Server Administrator's Guide
NetBackup for MongoDB Administrator's Guide
NetBackup for MySQL Administrator's Guide
NetBackup for NDMP Administrator's Guide
NetBackup for Nutanix Acropolis Hypervisor (AHV) Administrator's Guide

Installation/Upgrade Documentation

    How to perform a consistency check of the NetBackup EMM and BMR databases

Veritas Services and Operations Readiness Tools (SORT)

NetBackup Replication Director Tools for NetApp Storage Systems
NetBackup Upgrade Guide
What's new in NetBackup releases
NetBackup Release Notes
NetBackup Self Service Release Notes
Veritas Download Center

Late Breaking News

Updates, Patches and Late Breaking News for NetBackup 8.3x

Compatibility Lists

NetBackup 8.0 - 8.x.x Database and Application Agent Compatibility List
NetBackup 8.2 - 8.x.x Hardware and Cloud Storage Compatibility List
NetBackup Compatibility List for all Versions
NetBackup 8.0 - 8.x.x Operating System Software Compatibility List
Support for NetBackup in virtual environments
NetBackup is not supported on hosts with Backup Exec installed

Performance and Tuning Guidelines

How to estimate the number of master servers needed
How to estimate the number of media servers needed
NetBackup Backup Planning and Performance Tuning Guide
NetBackup OpsCenter Performance and Tuning Guide

Product End of Life Information

SORT End of Support Life matrix for NetBackup
Veritas End of Life Policy

Other Related Documentation

NetBackup Vault Operator's Guide

Veritas Entitlement Management System Guide