

RELEASE NOTES

HYCU Data Protection for Enterprise Clouds v4.8.0

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What is new in this version of HYCU

This release of HYCU introduces a variety of new backup and recovery features, key enhancements, and fixes that will help you keep your data protected and safe in a simple and efficient way.

Incremental forever backups for file shares

HYCU data protection for file shares has been extended to include support for incremental forever backups. By enabling the incremental forever backup option, you instruct HYCU to track and store only the changes since the last backup, which means that you will operate with a single file share backup chain consisting of only one initial full backup followed by only incremental backups. Using the incremental forever backup strategy for file shares reduces the length of backups and the growth of data.

Extended data retention management

HYCU has extended its data retention management to provide you with a centralized view of all restore point tiers across the entire data protection environment, helping you to gain a comprehensive understanding of your data to optimize data protection processes. You can now do the following:

- Select among expiring restore point tiers immediately, setting the exact date and time at which restore point tiers will expire, and specifying how long restore point tiers should be retained.
- Manage data retention for more than one restore point tier at a time.
- Focus only on specific types of restore point tiers by filtering them out (for example, you can filter out only restore point tiers whose data is stored on a particular target).
- Manage data retention for each restore point tier separately (Backup, Copy, Snapshot, Archive daily, Archive weekly, Archive monthly, and Archive yearly).
- View in-depth information related to all additional restore point tiers that will be affected by a specific retention management action.

Support for NetApp Cloud Volumes Service for Google Cloud

The file share protection in HYCU has been expanded with an additional file server type: NetApp Cloud Volumes Service for Google Cloud. You can now protect file shares

created by NetApp Cloud Volumes Service for Google Cloud.

Selection of a storage class for the Amazon S3 target

You can now select a storage class for the Amazon S3 target. The data objects will be created in the selected storage class. This allows you to select the optimal combination of performance and cost for your backup data.

vCenter Server granular discovery

When adding a vCenter Server as a source to HYCU, you can now choose to add only datacenters that contain the virtual machines you want to protect. This is especially useful in large environments because it allows you to focus only on the virtual machines that you are interested in instead of on all virtual machines from all datacenters belonging to the vCenter Server.

Other enhancements and fixes

The following is a list of other enhancements and fixes that come with this release of HYCU:

- Handling of Dell PowerScale OneFS clusters with multiple zones is simplified. You can now manage multiple zones in the same Dell PowerScale OneFS cluster as a single source.
- You can now back up data to Azure targets that have blob versioning enabled.
- Backing up files on shares whose file names are longer than 255 bytes is now supported for Nutanix Files version 4.2 or later and Dell PowerScale OneFS all versions.
- Backing up SMB home shares whose name contains 3-byte or 4-byte UTF-8 characters is now supported.
- Support for the following:
 - Nutanix AOS 6.6
 - NetApp ONTAP 9.13.1

Installation notes

For Nutanix AHV clusters, the HYCU virtual appliance is distributed as a virtual disk image, and you can easily deploy it by using the Nutanix Prism web console.

For Nutanix ESXi clusters and VMware vSphere environments, the HYCU virtual appliance is distributed as a virtual appliance package (virtual disk image and OVF template), and you can easily deploy it by using the vSphere (Web) Client.

For Azure Government environments, the HYCU virtual appliance is distributed as a virtual appliance image, and you can easily deploy it by using the Azure Government portal.

For detailed information about deploying the HYCU virtual appliance, see the *HYCU User Guide*.

Upgrade notes

Upgrading HYCU to version 4.8.0 is possible only from version 4.7.1. If you have an older version of HYCU, you first need to upgrade it to 4.7.1.

For detailed information about upgrading HYCU, see the *HYCU User Guide*.

Supported environments

For information about supported environments and compatibility with other products, see the *HYCU Compatibility Matrix*. This document is available as part of the HYCU documentation set that is distributed together with the product.

The most recent version of the *HYCU Compatibility Matrix* is located at <https://support.hycu.com>.

Limitations

Some limitations apply when FIPS mode is enabled. For details, see *HYCU Help*.

HYCU documentation set

The HYCU documentation set includes the following documents:

Document	Document file name	Distributed with the product ^a	Published online on the HYCU Customer Support portal
<i>HYCU Help</i>	index.html	✓	×
<i>HYCU User Guide</i>	HYCU_UserGuide.pdf	✓	✓
<i>HYCU Compatibility Matrix</i>	HYCU_CompatibilityMatrix.pdf	✓	✓
<i>HYCU Release Notes</i>	HYCU_ReleaseNotes.pdf	✓	✓
<i>HYCU Troubleshooting Guide</i>	HYCU_TroubleshootingGuide.pdf	✓	✓
<i>HYCU Open Source Licenses</i>	HYCU_OpenSource.pdf	✓	×

^a The HYCU documentation is located in the /help folder on the HYCU backup controller and can be accessed from the web browser: <https://<ServerName>:8443/help/en/<DocFileName>>.

Translated documentation

The following HYCU documents are translated:

Document	Translated into Japanese
<i>HYCU Help</i>	✓
<i>HYCU User Guide</i>	✓
<i>HYCU Compatibility Matrix</i>	✓
<i>HYCU Release Notes</i>	✓
<i>HYCU Troubleshooting Guide</i>	✓
<i>HYCU Open Source Licenses</i>	×

^a The translated HYCU documentation is located in the /help folder on the HYCU backup controller and can be accessed from the web browser: <https://<ServerName>:8443/help/ja/<DocFileName>>.

Provide feedback

For any suggestions and comments regarding this product or its documentation, send us an e-mail to:

info@hycu.com

We will be glad to hear from you!

