

RELEASE NOTES

HYCU™

Backup and Recovery
for Nutanix

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What is new in this release

Hycu is a high performing backup and recovery solution for Nutanix. This release introduces a variety of new backup and recovery features and key enhancements that will help you keep your data protected in a simple and efficient way.

The following new features and enhancements are available with Hycu version 1.5.2:

- **Target encryption for keeping your data safe**

You can now enable backup target encryption when setting up a backup target. By enabling target encryption, you make sure that the backed up data can be read only by Hycu, and therefore remains secure and safe in case of data theft.

- **Power options for controlling Hycu backup controller activities**

The power options for the Hycu backup controller enable you to suspend or resume Hycu backup controller activities.

- **Support for AOS 5.1.2**

Nutanix AOS version 5.1.2 is compatible with Hycu.

For detailed information about all the new features and enhancements, see Hycu Help.

What was new in previous versions of Hycu

The following features and enhancements were introduced in previous versions of Hycu:

- Backup window for setting up a time frame when your backup jobs are allowed to run.
- Concurrent backups to reduce the duration of backups and the amount of queued backup jobs.
- Faster recovery due to keeping snapshots from multiple backups on the Nutanix cluster.
- iSCSI backup target as a new type of backup target for storing the protected data.
- Improved backup and restore performance due to the utilization of Nutanix volume groups for backing up and restoring data.
- Shared location for restoring individual files.
- Possibility to expire backups manually.
- Ability to receive email notifications based on the occurrence of a specific event.
- Hycu REST API that can be used by external applications to interact with the Hycu backup controller, retrieve information from it, and automate tasks.

- Support for the following:
 - AWS S3-compatible storage
 - Active Directory applications
 - Nutanix API changes introduced with AOS 5.1.1.1

Installation notes

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 detailed information about deploying the Hycu virtual appliance, see Hycu Help.

Upgrade notes

Starting with Hycu 1.5.0, Nutanix containers are not mounted on the Hycu backup controller anymore. As a consequence, Hycu cannot remove old snapshots that were created during restore operations by previous versions of Hycu and are located in the `/bkpctr1` folder on the Nutanix containers. Therefore, to remove the old snapshots, make sure to manually delete the contents of the `/bkpctr1` folder on all Nutanix containers.

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.comtradesoftware.com>.

Limitations

The following is a list of limitations that you might experience when using Hycu:

- Backup and policy assignment to Microsoft SQL Server clustered instance or multiple instances running on the same virtual machine are currently not supported.
- When backing up a virtual machine with remote volumes (for example, iSCSI, disk arrays, mapped network disks), such volumes are not included in the snapshot and are consequently not backed up. Only local fixed disks are backed up.
- An internal backup can be performed only to the NFS, SMB, and iSCSI targets that are not encrypted.

- Restoring individual files is currently supported only on Windows systems. Performing a file-level restore on dual boot systems is not supported.

Hycu documentation set

The Hycu documentation set includes the following documents:

Document	Distributed with the product	Available online at the Hycu product site
Hycu Help	✓	×
<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>	✓	×

Provide feedback

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

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We will be glad to hear from you!

