

RELEASE NOTES

# HYCU Data Protection for Enterprise Clouds v4.7.1

April 2023



# Legal notices

## Copyright notice

© 2023 HYCU. All rights reserved.

This document contains proprietary information, which is protected by copyright. No part of this document may be photocopied, reproduced, distributed, transmitted, stored in a retrieval system, modified or translated to another language in any form by any means, without the prior written consent of HYCU.

## Trademarks

HYCU logos, names, trademarks and/or service marks and combinations thereof are the property of HYCU or its affiliates. Other product names are the property of their respective trademark or service mark holders and are hereby acknowledged.

Acropolis and Nutanix are trademarks of Nutanix, Inc. in the United States and/or other jurisdictions.

Amazon Web Services, AWS, and Amazon S3 are trademarks of Amazon.com, Inc. or its affiliates.

Azure®, Microsoft®, Microsoft Edge™, and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Dell Technologies, Dell and other trademarks are trademarks of Dell Inc. or its subsidiaries.

GCP™, Google Cloud Platform™, and Google Cloud Storage™ are trademarks of Google LLC.

Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries.

Red Hat Enterprise Linux is a registered trademark of Red Hat, Inc. or its subsidiaries in the United States and other countries.

VMware ESXi™, VMware Tools™, VMware vCenter Server®, VMware vSAN™, VMware vSphere®, VMware vSphere® Data Protection™, VMware vSphere® Virtual Volumes™, and VMware vSphere® Web Client are registered trademarks or trademarks of VMware, Inc. and its subsidiaries in the United States and other jurisdictions.

NetApp®, NetApp Keystone® , and ONTAP® are trademarks of NetApp, Inc. and are registered in the United States and/or other jurisdictions.

## Disclaimer

The details and descriptions contained in this document are believed to have been accurate and up to date at the time the document was written. The information contained

in this document is subject to change without notice.

HYCU provides this material "as is" and makes no warranty of any kind, expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. HYCU shall not be liable for errors and omissions contained herein. In no event shall HYCU be liable for any direct, indirect, consequential, punitive, special or incidental damages, including, without limitation, damages for loss and profits, loss of anticipated savings, business interruption, or loss of information arising out of the use or inability to use this document, or any action taken based on the information contained herein, even if it has been advised of the possibility of such damages, whether based on warranty, contract, or any other legal theory.

The only warranties for HYCU products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty.

## Notice

This document is provided in connection with HYCU products. HYCU may have copyright, patents, patent applications, trademark, or other intellectual property rights covering the subject matter of this document.

Except as expressly provided in any written license agreement from HYCU, the furnishing of this document does not give you any license to these patents, trademarks, copyrights, or other intellectual property on HYCU products. Use of underlying HYCU product(s) is governed by their respective Software License and Support Terms.

**Important:** Please read Software License and Support Terms before using the accompanying software product(s).

HYCU  
[www.hycu.com](http://www.hycu.com)

# Contents

What is new in this version of HYCU .....	5
Enhanced HYCU Manager .....	5
New supported versions .....	5
Installation notes .....	6
Upgrade notes .....	6
Supported environments .....	6
Limitations .....	6
HYCU documentation set .....	7
Translated documentation .....	7

# 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.

## Enhanced HYCU Manager

HYCU Manager has been enhanced as follows:

- If you have one or more Enterprise Clouds controllers added to HYCU Manager, you can now not only view data protection information received from these HYCU controllers, but also do the following:
  - View a list of all virtual machines, physical machines, applications, file shares, and/or volume groups in the respective panels (including entity data).
  - By selecting the preferred restore point, navigate directly to the web user interface of the HYCU backup controller containing the entity with the selected restore point. This enables you not only to perform restore operations related to the selected restore point, but also all other operations that are available in your data protection environment.
- By pausing on icons representing backups, virtual machine protection, application protection, or file share protection in the HYCU Controllers panel, you can now see the exact number and percentage of successful/failed backups or protected/unprotected entities (also per user groups).

## New supported versions

With this release, HYCU supports the following new versions:

- Dell PowerScale OneFS 9.5.0.0
- NetApp ONTAP 9.12.1

# 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 4.7.1 is possible only from version 4.7.0. If you have an older version of HYCU, you first need to upgrade it to 4.7.0.

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 <sup>a</sup>	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	✓	×

<sup>a</sup> 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>	×

<sup>a</sup> 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](mailto:info@hycu.com)

We will be glad to hear from you!



