

esXpress

esXpress version 3.6-4

Release Notes

August 27, 2009

This document provides an overview of the changes made to the esXpress products for the version **3.6-4** release. It contains a list of additions, changes, and fixes for each component.

The esXpress 3.5/3.6 products have three main components:

- Configuration and Deployment GUI Appliance – 3.6-4
- Data DeDuplication Appliance – 3.6-4
- Host side install base (rpm) – 3.6-4

Note: The Configuration and Deployment GUI and Data DeDuplication appliances are optional plug-ins for esXpress3.5/3.6 and are not required for running esXpress backups or restores.

To download the latest versions:

- **Current customers:** use the **Check for Updates** esXpress option. If you are not using either the GUI or DeDup appliances, you must install the latest RPM files manually.
- **New customers:** visit PHD Virtual's web site (www.phdvirtual.com) and register to download the latest version of esXpress.

For installation and configuration information, refer to the latest esXpress documentation on the Knowledge Center web site: <http://phdvirtual.com/support/knowledge-center>

3.6-4 Updates

Configuration and Deployment GUI Appliance

- Fixed an issue where host SSH keys could be lost during installation.
- Existing Quorum mounts will not be remounted.
- Fixed an issue where Quorum NFS was sometimes left mounted after uninstall.
- Removed scheduled web restart.
- Restart Web services added to the PHD menu.
- Duplicate log messages will no longer appear during install.
- Installation time was decreased.
- Remote hostname no longer needs to be resolvable for install to work.
- Target Team updates:
 - A default Target Team now exists when you first install the GUI appliance.
 - Last remaining Target Team cannot be deleted.
 - Target Teams no longer inherit—they are set to host only.
 - During the initial setup, a Target Team must be selected.
 - Can no longer delete a Target Team that is in use.
 - Target Team page: updated the icon and message for removing targets from Target Teams.
- Filtered esXpress-quorum from Quick Config page.

Data DeDuplication Appliance

- Changed purge process to run as a daemon.
- Added a new report for Trim Deletes.
- Stats page was updated to include a Recheck Bad Blocks button.
- Restart Web services added to the PHD menu.
- The Stats page has been updated and now contains additional tabs and drill down capabilities.
- Logs page tabs have been updated and now include a Summary tab.
- Options page was updated to correct formatting issues.
- Fixed a problem with block folder creation.
- The delete routine is now a separate process so deletes should now occur independently of the backup process status.
- Blank username error will no longer display in the wrong location.
- Username and password fields will no longer be filled with existing data.

Host Side Install Base (RPM)

- Fixed an issue where backup folder was not created.
- Changes to mount commands in PHDD.
- Better block checking when backup is created.
- Better checking when block folders are made.
- Fixed issues for vSphere4, including load restore DB.
- Update daemon to do quorum updates to host.
- Fixed configuration options from PHD menu in vSphere 4.
- Fixed self restore of PHDD backups.

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For customers and partners with an active support agreement, you can use the esXpress support web board or <http://phdvirtual.com>, or email support@phdvirtual.com for information about software patches, technical documentation, and support programs.

Note: A valid support agreement is necessary to receive new esXpress release and software updates.

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