



esXpress version 3.6-8

Release Notes

October 23, 2009



This document provides an overview of the changes made to esXpress for the version **3.6-8** release. It contains a list of additions, changes, known issues, and fixes for each component.

esXpress has three main components:

- Configuration and Deployment GUI Appliance – 3.6-8
- Data DeDuplication Appliance – 3.6-8
- Host side install base (RPM) – 3.6-8

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, as well as release notes for past releases, refer to the latest esXpress documentation on the Knowledge Center web site:

<http://phdvirtual.com/support/knowledge-center>

3.6-8 Updates

Configuration and Deployment GUI Appliance

- phd_support was updated to include CPU speed test and now will only take the last 25m of fsck.log and mysqld.log.
- Action ID was added to the Action Log.
- Fixed an issue where targets could not be specified for special PHDD backups.
- Fixed an issue on the Basic tab, Target Type and Location section where fields would not appear when Type was set to Net Only.
- Fixed an issue where Config page items were not properly centered.
- Fixed an issue where the Target Team host page would show an invalid subtitle.
- Fixed an error where two filter text boxes were displayed for quick config tab.
- Fixed an issue where titles would overlap with smaller browser windows.
- Fixed multiple minor issues with the license page of the setup wizard.
- Improved time syncing between appliances and hosts.
- Fixed an issue where hosts would inherit the incorrect number of VBAs.
- Fixed an error where the Net Delete and VMFS Delete fields would not allow all appropriate values.
- Fixed an issue with duplicate target team assignments and special backup targets.
- Fixed a problem where the host configuration page would not display the currently selected host.
- Fixed an error where VBA IP addresses were not removed when DHCP was selected.
- Subnet mask will no longer reset to 255.255.255.0 in the PHD text menu.

Data DeDuplication Appliance

- Improved FLR support for the following:
 - Very large directories.
 - Single files > 2GB.
 - Zip files > 2GB (individual files within the zip still may not be larger than 2GB. This is a limitation of the zip file format).
 - Directories/files with UTF8 characters in the name.
 - Directories/files with non-alphanumeric characters in the file name (for example, &).
- phd_support was updated to include CPU speed test and now will only take the last 25m of fsck.log and mysqld.log.
- When writing blocks, added .new files - if not OK, then write with .new.
- Can now only run the PHDD update on a DeDup Appliance VM.
- Added auto check for updates in phdd_daemon. Will check for a new update every hour.
- Added Check for Updates and Run Updates options to the Summary page as well as configuration options.
- Fixed an issue where titles would overlap with smaller browser windows.
- Improved time syncing between appliances and hosts.
- Fixed problems displaying Swedish and German characters.
- Fixed an issue where duplicate entries would appear on the FLR page.
- Subnet mask will no longer reset to 255.255.255.0 in the PHD text menu.
- Fixed an issue with the status program on FLR mounted file systems that was causing 100% CPU usage.
- Fixed masking of SMB password in phd menu.

Host Side Install Base (RPM)

- Fixed a problem where the Quorum was not updated when setting ABORT lock using the esXpress menu.
- Broke out the quorum daemon into a separate sub process from the phd_daemon.
- Changed all programs to allow the quorum daemon to do all processing.
- Fixed an error where SMB export folders were not shown during file level restores.
- Fixed an issue with long timeouts when indexing PHDD targets.
- Fixed an issue with PHDD backup throttling.
- Fixed an issue in the backup report, VBA Usage Chart, where unused VBA helpers were displayed.
- A warning is now logged if RUN_AFTER script used is not executable.

Known Issues

Problem FLR on Reiserfs volumes may work in some cases but may also cause issues with the DeDup appliance (DeDup appliance may crash). This is especially prevalent in SLES10 VMs.

Workaround None. This issue will be addressed in a future release of esXpress.

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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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