

esXpress

esXpress version 3.6-5

Release Notes

September 14, 2009

This document provides an overview of the changes made to the esXpress products for the version **3.6-5** release. It contains a list of additions, changes, known issues, and fixes for each component.

The esXpress 3.5/3.6 products have three main components:

- Configuration and Deployment GUI Appliance – 3.6-5
- Data DeDuplication Appliance – 3.6-5
- Host side install base (rpm) – 3.6-5

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>

3.6-5 Updates

Configuration and Deployment GUI Appliance

- No changes this release.

Data DeDuplication Appliance

- Fixed a bug where the daemon would not call the delete program.
- Fixed a problem with VM stats.
- Fixed a problem creating stats for VMDKs.
- Added a process to check for hung UNFSD.
- Fixed mode= when set to SMB.
- Updated stats to include Zoom By VMDK and other enhancements.
- DeDup backup performance improved. In 3.6-4, additional verification was added to ensure the integrity of all backups, resulting in a performance impact on some hardware.
 - After upgrading to 3.6-5, the next backup will be slow but subsequent backups will return to speeds similar to 3.6-3.
 - For new installs, the first two backups will be slow but subsequent backups will be much faster.

Host Side Install Base (RPM)

- Fixed an issue where false ERROR emails were sent after backups.
- Check for power on VBA even if command fails.
- Updated stubby and stubby.phh to both restore original VMDK STUB file if available.
- Fixed bad configure VBA messages, vmware-cmd.
- Fixed false error in daemon log for 'There seem to be multiple esxpress-quorum mounts.'
- Fixed calling Backup All with -force.
- Changed verification of blocks on PHDD target when making a backup.
- Improved the [xTEST] for PHDD Backups.
- Eliminated 'Incompatible device backing' errors.
- Enabled restores via SLES 10p1.
- Fixed API issues when using vSpehere4.

Known Issues

Problem When using an SMB share as a DeDuplication target, after upgrading, the DeDup appliance is set to use an NFS share.

Workaround After upgrading, use the PHD text menu and reset the DeDup appliance to use SMB.

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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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