

Reinstalling PHD Virtual Backup for VMware ESX after a host upgrade

Mike Luca, July 2010

After upgrading to faster hardware or from ESX 3.5 to vSphere, PHD Virtual Backup for ESX (formerly esXpress) will need to be reinstalled. This is because the vSphere upgrade will remove any 3rd party tools installed. Use the following steps to reinstall PHD Virtual Backup:

- 1) Login to the PHD Management Appliance VM as root via the VI Client or Putty.
- 2) Type **phd** and hit Enter to launch the system menu then select menu option **U** to check for updates. If any updates are available, download and install them then reboot the VM.
- 3) Use a browser and the Management Appliance's IP address to login to the appliance's web interface. You will see the Hosts grid.
- 4) If the host names and IP addresses have remained the same, as is the case with upgrades to vSphere, you will need to click on the Modify button for the upgraded host. On the next page, verify the user ID and passwords for the service account and root. If OK, click **Retry Install** and the system will reinstall the software to that host. Repeat this step for all upgraded hosts.
- 5) If the host names and/or IP addresses have changed, as in the case of new hardware, you will need to first remove the hosts. This is also done from the Modify button and accomplished by clicking **Delete host**. Repeat for all hosts to be removed.
- 6) To add new servers to the configuration, from the Hosts grid click on either the **Add Host** button (if not managed by Virtual Center) or **Add Hosts from vCenter**.
 - a) Supply your login credentials for Virtual Center and click Import. A list of ESX hosts will be displayed from the Virtual Center Inventory.
 - b) Choose the servers you wish to install PHD Virtual Backup to. You will also need to supply the login credentials for an SSH service user and root.
 - c) Finally assign hosts to the proper target team and host group (if used) and click **Submit**. The system will install the software to all hosts selected. Please note that the root user is disallowed SSH access by default in VMware. We recommend creating a local user on each ESX host for the purposes of SSH login. It needs no special privileges other than shell access.
- 7) After all hosts have been added and checked in the hosts' grid, click Publish. The system has been reinstalled and should now be ready to use. If you don't see all of the hosts you requested installation for, check the Action Log for any errors. The most common issues are related to login access for SSH and root accounts.

For more information
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