

Upgrading esXpress from a Previous Version

In order to update esXpress you must have a valid license installed. Also, no invalid licenses can be in use by any hosts in your environment or else you will not be able to upgrade esXpress. Contact PHD Virtual to receive an updated license.

The following methods describe how to upgrade from a previous version:

1. Using the esXpress Management Appliance

Use the Management Appliance's text menu **Check for esXpress Updates** option to download and install the latest appliance software and esXpress RPMs.

When updated, the Management Appliance will automatically upgrade your hosts - you do not need to uninstall previous versions of esXpress from each of your hosts first. The new esXpress RPMs are automatically installed to each host at the top of the next hour.

Note: After upgrading, in order to enable **Change Block Tracking**, be sure to click **Publish** on the Management Appliance web page. This will publish the latest esXpress configuration settings to your hosts. If you do not want to enable CBT, visit the Advanced tab and disable the CBT option (**Use Change Block Tracking to index source disk**) before your next Publish.

2. Stand-Alone Mode (No Management Appliance)

If you are upgrading esXpress directly on your hosts and not using the Management Appliance, the upgrade is the same as with prior esXpress upgrades.

After downloading the new RPMs and copying them to your host, run the following three commands as root (su – to root):

```
rpm -e esxpress
rpm -i esxpress-X.X-X.esx.i386.rpm
phd import
```

3. Stand-Alone Mode to Management Appliance

If you are currently using Stand-Alone mode (no Management Appliance) but would like to upgrade to esXpress 4.0 and begin using the Management Appliance, do the following:

1. Note any configuration settings you are currently using, including your backup mode, backup targets information, VBA IPs if used, backup start and end time, email information, and anything else that may be specific to your environment.
2. Deploy the latest Management Appliance. You do not need to uninstall your existing esXpress installation.
3. Configure the Management Appliance using the Setup Wizard which will allow you to by apply the settings you noted from your previous installation as well as add your hosts. When added, you hosts will be upgraded to the latest version.

Upgrading the DeDupe Appliance

If you are using the esXpress DeDupe Appliance as a Backup Target, use the following steps to upgrade the appliance to the latest version:

- Use the **Check for Updates** option on the DeDupe Appliance web page or use the DeDupe Appliance text menu **Check for DeDupe Appliance Updates** to download and install the latest appliance software.

Caution: If you used the **Check for Updates process to upgrade to version 3.6-11 or later DeDupe Appliance**, do not use the Summary page, Check For Updates button to upgrade to version 4.0, as it will fail. Use the DeDupe Appliance's text menu for the initial upgrade. After you've upgraded the appliance to version 4.0 you can then begin using the DeDupe Appliance web page to run future appliance updates.

Additional Upgrade Methods

If your appliances do not have access to the Internet, you can use the following alternative upgrade methods to install the latest esXpress software.

- [Manually Downloading RPMs](#)
- [Manually Updating the Management Appliance](#)
- [Manually Updating the DeDupe Appliance](#)

Manually Downloading RPMs

If you are having difficulty downloading the RPMs using **Check for esXpress Updates**, or your appliance does not have Internet access, you can manually copy the RPMs to the appliance.

To manually download RPMs

1. You will need both RPMs copied to your Management Appliance. They can be downloaded from the PHD Virtual web site.
 - a. `esxpressVBA-x.x-x.esx.i386.rpm`
 - b. `esxpress-x.x-x.esx.i386.rpm`

(where x.x-x is the current version of the component)
2. Copy both RPMs to the following folder:
 - a. If you are using Quorum mode NFS, copy the RPMs to `/.quorum/esXpress_Quorum/Update`.
 - b. If you are using Quorum mode SSH, copy the RPMs to `/home/phd/esXpress_Quorum/Update`
3. Run the following command: `phdq_update -rpms`

The appliance should now be able to deploy the RPMs to your hosts.

Manually Updating the Management Appliance

If your Management Appliance is located behind a firewall or the appliance cannot access the Internet for another reason you will not be able to use the Check for Updates process to upgrade the appliance.

To manually upgrade the appliance, you will need to download the upgrade package using a machine with Internet access then copy the package to the appliance, manually.

To manually upgrade the Management Appliance

1. Use a web browser and navigate to:

http://www.esxpress.com/Documents/gui_updates/PHDQ_Server_Update.tgz

2. Download the update package.
3. Copy the files using WinSCP or another program to the **/home/phd/updates** directory on the Management Appliance.
4. Using PuTTY or another program, open an SSH window to the appliance.
5. Uncompress the copied update package using the following command:

```
tar -xvzf PHDQ_Server_Update.tgz
```

6. Change to the directory that was uncompressed (phdq-20100520-4.0-3 for example).
7. Run the update:

```
./run_update
```

Manually Updating the DeDupe Appliance

If your DeDupe Appliance is located behind a firewall or the appliance cannot access the Internet for another reason you will not be able to use the Check for Updates process to upgrade the appliance.

To manually upgrade the appliance, you will need to download the upgrade package using a machine with Internet access then copy the package to the appliance, manually.

To manually upgrade the DeDupe Appliance

1. Use a web browser and navigate to:

http://www.esxpress.com/Documents/.phdd_updates/PHDD_Server_Update.tgz

2. Download the update package.
3. Copy the files using WinSCP or another program to the **/home/phd/updates** directory on the DeDupe Appliance.
4. Using PuTTY or another program, open an SSH window to the appliance.
5. Uncompress the copied update package using the following command:

```
tar -xzvf PHDD_Server_Update.tgz
```

6. Change to the directory that was uncompressed (phdd-20100520-4.0-3 for example).
7. Run the update:

```
./run_update
```

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