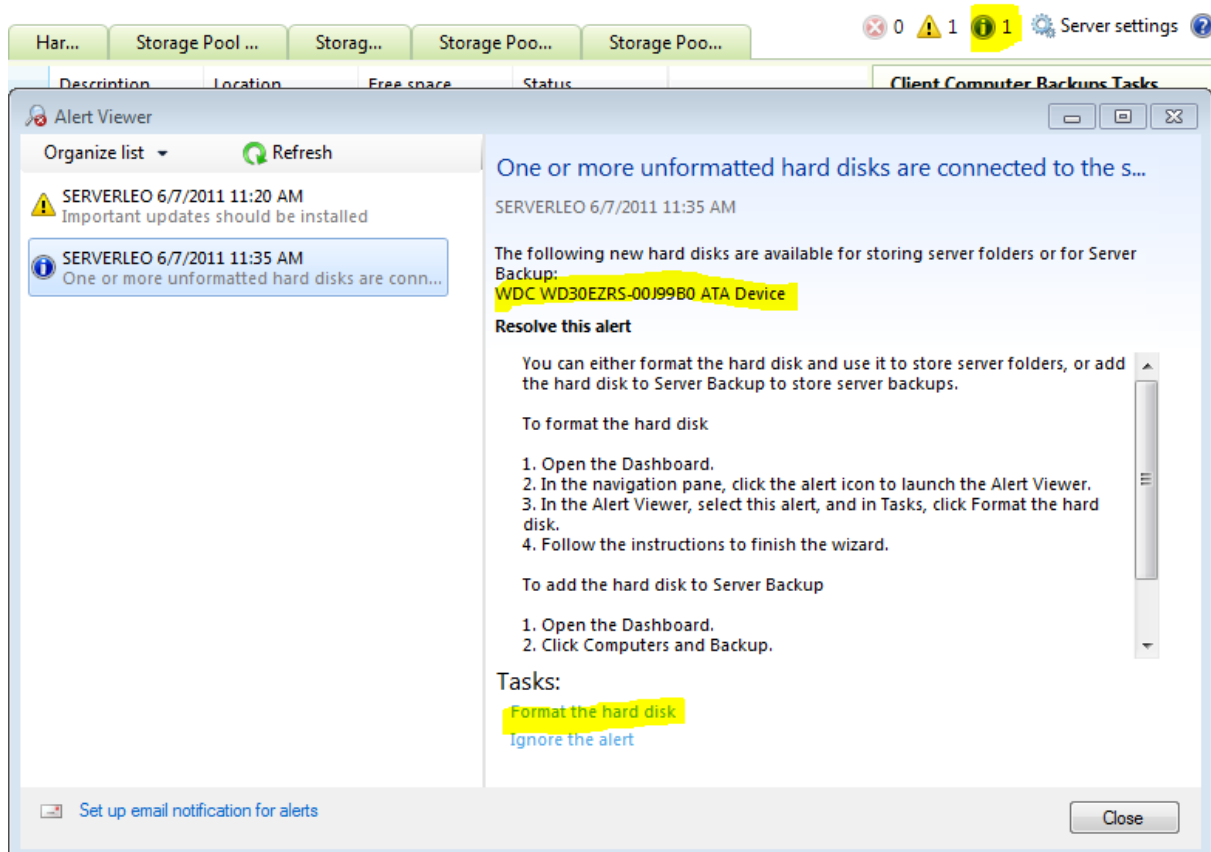


Adding a 3TB HDD to a Leo HS4 MonStore Pool

Inserting a 3TB HDD (hot plug) into a Leo HS4 will result in a new WHS2011 Alert being displayed

As you can see below a new WD300EZRS (3TB) HDD is available.



Har... Storage Pool ... Storag... Storage Poo... Storage Poo... 0 1 1 Server settings ?

Description	Location	Free space	Status
Client Computer Backups Tasks			

Alert Viewer

Organize list Refresh

- SERVERLEO 6/7/2011 11:20 AM
Important updates should be installed
- SERVERLEO 6/7/2011 11:35 AM
One or more unformatted hard disks are conn...

One or more unformatted hard disks are connected to the s...

SERVERLEO 6/7/2011 11:35 AM

The following new hard disks are available for storing server folders or for Server Backup:
WDC WD300EZRS-00J99B0 ATA Device

Resolve this alert

You can either format the hard disk and use it to store server folders, or add the hard disk to Server Backup to store server backups.

To format the hard disk

1. Open the Dashboard.
2. In the navigation pane, click the alert icon to launch the Alert Viewer.
3. In the Alert Viewer, select this alert, and in Tasks, click Format the hard disk.
4. Follow the instructions to finish the wizard.

To add the hard disk to Server Backup

1. Open the Dashboard.
2. Click Computers and Backup.

Tasks:

- Format the hard disk**
- Ignore the alert

Set up email notification for alerts Close

Under the Tasks area, you can select to 'Format the hard disk'

Format a Hard Disk

Select a hard disk to format

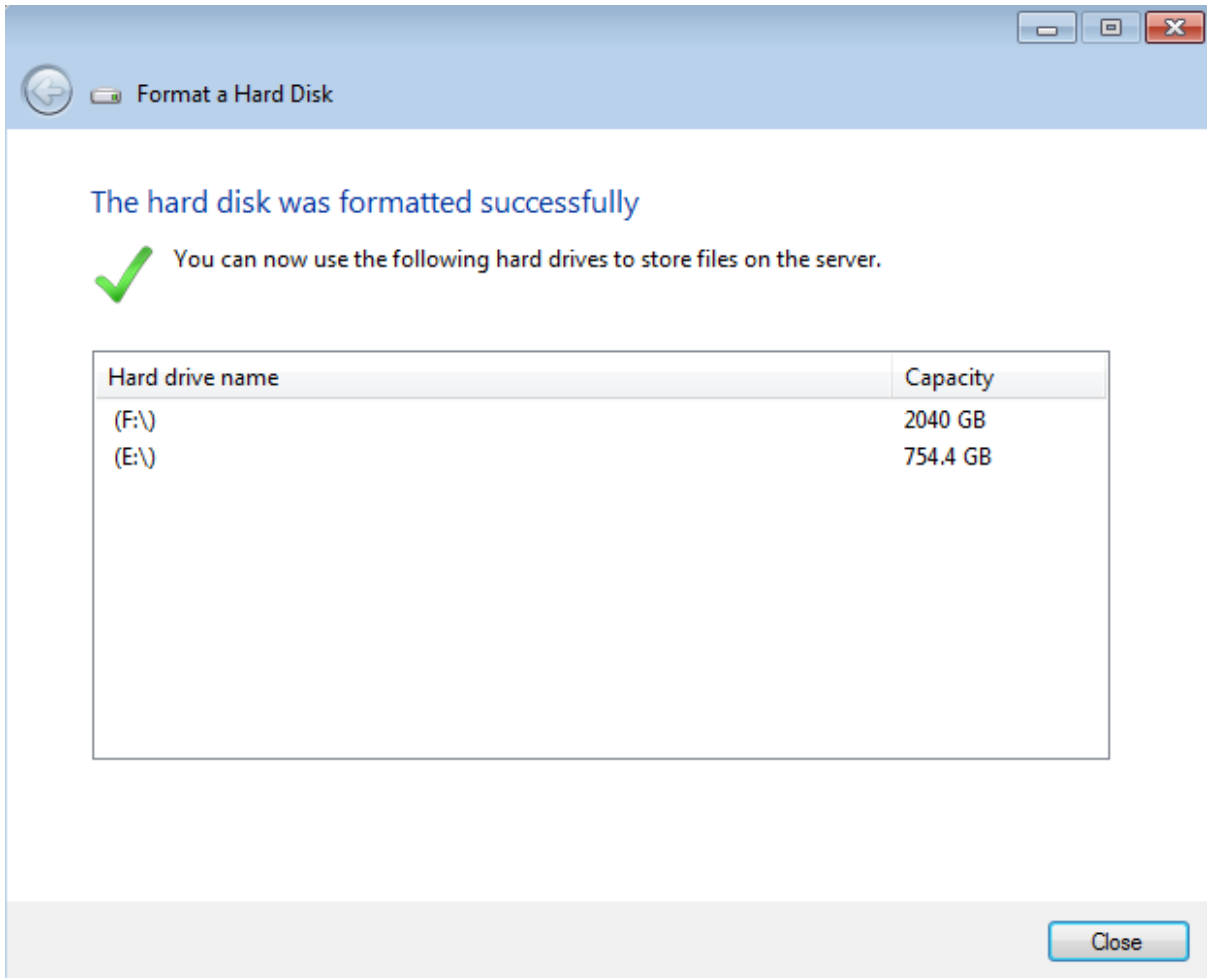
Formatting a hard disk prepares it to store files. After you format the hard disk, you can use it to store server folders or server backups.

Available hard disks:

Manufacturer name:	Capacity
WDC WD30EZRS-00J99B0 ATA Device	2794.5 GB

[Learn more about formatting hard disks](#)

Format disk Cancel



Below you can now see drives E: and F: - these are two partitions on the 3TB HDD, which we will soon add to the TPC POOL (D:\)

Name	Capacity	Used space	Free space	Status
Hard drives				
(E:)	754.4 GB	0.1 GB	754.3 GB	
(F:)	2040 GB	0.1 GB	2039.8 GB	
Data (C:\Program Files\Division-M\...	1802.9 GB	0.6 GB	1802.3 GB	
New Volume (C:\Program Files\Divi...	1863 GB	0.1 GB	1862.9 GB	
System (C:)	60 GB	14.6 GB	45.4 GB	
TPC POOL (D:)	3665.9 GB	0.8 GB	3665.1 GB	
Server backup				
backup 750	698.6 GB	13.5 GB	685.1 GB	

Note above the TPC POOL (D:\) drive is 3665GB (ie 2x 2TB as added previously)

Adding the new 'drives' to the MonStore storage pool

Using the WHS2011 dashboard, click on the Server Folder and Hard Drives tab – then the Storage Pool Hard Drives sub-tab.

Partition	Volume id	Volume name	Server mount p...	Capacity	Used space	Is in
1	\\?\Volume{ed2...	New Volume	Drive Bender M...	1.82 TB	147.99 MB	Yes
2	\\?\Volume{24c8...	backup 750		698.62 GB	13.53 GB	No
3	\\?\Volume{26ac...			100.00 MB	61.69 MB	No
4	\\?\Volume{787...		F:\	1.99 TB	153.48 MB	No
5	\\?\Volume{aa4...		E:\	754.40 GB	113.30 MB	No
6	\\?\Volume{26ac...	System	C:\	60.00 GB	14.58 GB	No
7	\\?\Volume{26ac...	Data	Drive Bender M...	1.76 TB	652.66 MB	Yes

1 Tasks

Remove drive from pool

Storage Pool Hard Drives Tasks

Select default pool instance

Merge drive into pool

Refresh view

You can now 'merge' the new HDDs to the pool, one at a time. Firstly, let's add E:\

Merge a new hard drive
Merge a new hard drive to the pool TPC POOL

Merge a new hard drive to the pool

Select a drive to be merged into the pool using the check boxes.
 To merge, select the drive and path to be merged. Once complete, the drive letter will be removed.
 Note drives assigned to the pool are not formatted.

Selected drive and path to merge
 [\[select path\]](#)

Mount point to merge into

Path to merge into
 [\[select path\]](#)

(final option – point to d:\)

Wait for 'pending drive merge to complete


Partition	Volume id	Volume name	Server mount p...	Capacity	Used space	Is in pool	Status
1	\\?\Volume{ed2...}	New Volume	Drive Bender M...	1.82 TB	147.99 MB	Yes	Healthy
2	\\?\Volume{2468...}	backup 750		698.62 GB	13.53 GB	No	Healthy
3	\\?\Volume{26ac...}			100.00 MB	61.69 MB	No	System Reserved (Ok)
4	\\?\Volume{787...}		F:\	1.99 TB	153.48 MB	No	Healthy
5	\\?\Volume{aa4...}		Drive Bender M...	754.40 GB	113.30 MB	Yes	Pending Drive Merge
6	\\?\Volume{26ac...}	System	C:\	60.00 GB	14.57 GB	No	System Drive (Ok)
7	\\?\Volume{26ac...}	Data	Drive Bender M...	1.76 TB	652.66 MB	Yes	Healthy

(If the 'Pending' message remains for > 5 minutes, re-start the Server)

Then carry out same for 2nd partition (F:\)

Merge a new hard drive
Merge a new hard drive to the pool TPC POOL

Merge a new hard drive to the pool

 Select a drive to be merged into the pool using the check boxes.
To merge, select the drive and path to be merged. Once complete, the drive letter will be removed.
Note drives assigned to the pool are not formatted.

Selected drive and path to merge
 [\[select path\]](#)

Mount point to merge into

Path to merge into
 [\[select path\]](#)



2x 2TB + 1x 3TB HDDs are in use in the MonStore POOL

If you now note the overall storage has increased from the previous 3665GB to 6459GB (inclusion of the 3TB HDD)

Server Folders		Hard Drives	Storage Pool Notifications	Storage Pool Mounts
Name	Description	Location	Free space	Status
Client Com...	Client Compute...	D:\ServerFolder...	6459 GB	
Documents	Documents	D:\ServerFolder...	6459 GB	
Music	Music	D:\ServerFolder...	6459 GB	
Pictures	Pictures	D:\ServerFolder...	6459 GB	
Recorded TV	Recorded TV	D:\ServerFolder...	6459 GB	
Videos	Videos	D:\ServerFolder...	6459 GB	