

Deploying Multiple Datastores

• Deploying Multiple Datastores, on page 1

Deploying Multiple Datastores

This process should be carried out during the initial build of the VM host, if the VM host has two or more RAID arrays of disk storage. This configuration enables vSphere / vCenter to know about all the datastores.

- **Step 1** From vSphere or vCenter Inventory list select the relevant Host.
- **Step 2** Select the **Configuration** tab.
- Step 3 Select Storage.

Figure 1: Select Storage

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Step 4 Select **Add Storage ...** (on the right hand side window).

Step 5 Select Disk/LUN and click Next.

Figure 2: Select Disk/LUN



Step 6 Under **Disk/LUN** select the required Disc/LUN from the list presented and click **Next**.

Figure 3: Required Disc/LUN

Disk/LUN Select Disk/LUN File System Version	Name, Identifier, Path ID, LUN, Capacity, Expandable or VMFS Label c •						
	Name	Path ID LUN		Drive Type	Capacity		
Properties Formatting Ready to Complete							

Step 7 On the File System Version page select VMFS-5 and then click Next.

Figure 4: Select VMFS-5

Add Storage	
File System Version Specify the version of the	VMPS for the datastore
DiskAUN Select DiskAUN File System Version Current Disk Layout Properties Formatting Ready to Complete	File System Version • VMFS-5 Select this option to enable additional capabilities, such as 2TB+ support. VMFS-5 is not supported by hosts with an ESX version older than 5.0. • VMFS-3 Select this option if the datastore will be accessed by legacy hosts.
Help	<u>≤Back</u> Next ≥ Cancel

Step 8 On the **Current Disk Layout** page verify the details and then click **Next**.

Figure 5: Verify Details

Current Disk Layout You can partition and form	at the entire device, all free space, or a si	ngle block of fre	e space.				
Disk/UN Select Disk/UN Ele System Version Current Disk Layout Properties Formatting Ready to Complete	Review the current disk layout:						
	Device Drive Type Capacity Available LUN Local LSI Disk (naa.600605b00 Non-SSD 951.81 GB 951.80 GB 0 Location /vmfs/devices/disks/naa.600605b003bc34b0164a790b08c98ccb Partition Format Unknown						
	The hard disk is blank. There is only one layout configuration available. Use the Next button to proceed with the other wizard						
	pages. A partition will be created an	d used					

Step 9

On the **Properties** page enter a name for the new datastore and then click **Next**.

Figure 6: Name for New Datastore

Add Storage Properties Specify the properties fo	r the datatore		
DiskAUN Select DiskAUN Ele System Version Current Disk Lavout Properties Ecrosting Ready to Complete	Enter a datastore name		
Help		Sack Next ≥	Cancel

Step 10 On the **Formatting** page select **Maximum available space** and then click **Next**.

Figure 7: Select Maximum Available Space

	size and capacity of the datastore
Disk/LUN Select Disk/LUN Elle System Version Current Disk Layout Proceeties Formatting Ready to Complete	Capacity Maximum available space Custom space setting SB of 951.80 GB available space GB of 951.80 GB available space

Step 11 On the **Ready to Complete** page verify the details and then click **Finish**.

Figure 8: Verify the Details

Ready to Complete Review the disk layout	and click Finish to add storage						
6 <u>Disk/LUN</u>	Disk layout:						
	Device Drive Type Capacity LUN Local LSI Disk (naa.600605b003bc Non-SSD 951.81 GB 0 Location /vmfs/devices/disks/nsa.600605b003bc34b0164a790b08c98ccb 0 Partition Format GPT Primary Partitions Capacity VMF5 (Local LSI Disk (naa.600605, 951.80 GB						
	Properties Datastore name: guest-datastore Formatting File system: vmfs-5 Block size: 1 MB Maximum file size: 2.00 TB						

Step 12 Wait for the Create VMFS Datastore task to complete.

Step 13 On completion, the new datastore will be listed under the **Storage** section.

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Figure 9: New Datastore

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