



## Creating Test VMs

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### Creating Test VMs for Raw Disk

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**Step 1** Click on the **VM Groups** tab.

**Step 2** Under the **Create VM Groups** tab, click on **Create VM Group** and complete the following fields:

*Table 1: Create VM Group for Raw Disk fields*

Field	Description
VM Group for Test Type	Select <b>Raw Disk</b> from the drop-down.
VM Name Prefix	Name of the VM.
vCenter	vCenter field is pre-populated. You cannot edit the value.
Number of VMs	Number of VMs to deploy. The default value is set to 4.
Network	List of network switches available in vCenter.
Stretched Cluster	If you are benchmarking a Stretched Cluster complete the additional fields: <ul style="list-style-type: none"><li>• <b>HX Connect IP:</b> HX Connect IP address</li><li>• <b>HX Connect Username:</b> HX Connect Username</li><li>• <b>HX Connect Password:</b> HX Connect Password.</li><li>• <b>Fetch Data Store:</b> After entering HX Connect details click on this button to fetch Datastore details.</li></ul>

**Step 3** Click **Save**.

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# Creating Test VMs for iSCSI

## Creating Test VMs for iSCSI: HyperFlex Clusters

**Step 1** Select the **VM Groups** tab.

**Step 2** On the **Create VM Groups** tab, click **Create VM Group** and complete the following fields:

*Table 2: Create VM Group for iSCSI Block Storage Fields*

Field	Description
<b>VM Group Details</b>	
VM Group for Test Type	Select <b>iSCSI Block Storage Workload</b> from the list.
VM Group Name	Type the unique VM Group Name in the field.
vCenter	vCenter field is pre-populated. You cannot edit the value.
Data Center	Select the Data Center from the list.
Cluster	Select the Cluster from the list.
Data Store	List of data stores in the vCenter that are queried at runtime.
Network	List of network switches available in vCenter.
Total VMs across All Nodes	Total count of VMs across all nodes. Value needs to be greater than 1. The default value is set to 4.
Disk Size / VM (GB)	
MTU Size	(Optional) MTU size for the test VMs and controller. This field is optional.
<b>Target Server Details</b>	
Cluster Type	Specify HX or non HX.
HX Connect IP	HX Connect IP
HX Connect Username	HX Connect Username
HX Connect Password	HX Connect Password
Target Server IP	IP address of the target server. This IP is used to discover targets in the target server.
CHAP	Select either <b>Yes</b> or <b>No</b> . If yes is selected, mutual authentication between target and user is configured.

Field	Description
<b>VM Group Details</b>	
CHAP Username	CHAP username. This field is visible only if the CHAP radio button is selected with <b>Yes</b> .
CHAP Password	CHAP Password. This field is visible only if the CHAP radio button is selected with <b>Yes</b> .
<b>Network Configuration Details</b>	
Static/DHCP	Select <b>Static</b> or <b>DHCP</b> for IPs to assign to the test VMs.
IP Range Start	Starting IP address for test VMs. Successive unused IPs after this IP are used for test VMs. This option is not available if you select DHCP.
Gateway	Gateway IP of the network used for test VMs. This option is not available if you select DHCP.
Netmask	Netmask IP of the network used for test VMs. This option is not available if you select DHCP.
<b>Target Server Details</b>	
Enable CHAP	Select either Yes or No. If yes is selected, the CHAP Username and Password fields is visible and mutual authentication between target and user is configured. Complete the required fields. <ul style="list-style-type: none"> <li>• <b>IP Address:</b> CHAP IP address</li> <li>• <b>CHAP Username:</b> CHAP username</li> <li>• <b>CHAP Password:</b> CHAP password</li> </ul>
<b>Network Configuration Details</b>	
Static/DHCP	Select Static or DHCP for IPs to assign to the test VMs.
IP Range Start	Starting IP address for test VMs. Successive unused IPs after this IP are used for test VMs. This option is only available if you select <b>Static</b> .
Netmask	Netmask IP of the network used for test VMs. This option is only available if you select <b>Static</b> .
Gateway	(Optional) Gateway IP of the network used for test VMs. This option is only available if you select <b>Static</b> .

**Step 3** Click **Save**.

# Creating Test VMs for iSCSI: Non-HyperFlex Clusters

**Step 1** Click on the **VM Groups** tab.

**Step 2** Under the **Create VM Groups** tab, click on **Create VM Group** and complete the following fields:

*Table 3: Create VM Group for iSCSI Block Storage Fields*

Field	Description
VM Group for Test Type	Select <b>iSCSI Block Storage Workload</b> from the drop-down list.
VM Name Prefix	Name of the VM.
vCenter	vCenter field is pre-populated. You cannot edit the value.
Datastore	List of datastores in the vCenter that are queried at runtime.
Number of VMs	Number of VMs to deploy. The default value is set to 4.
Cluster Type	Set the Cluster Type to <b>HX/Non-HX for iSCSI Block Storage Workload</b> . Default value is <b>HX</b> .
Target Server IP	IP address of the target server. This IP is used to discover targets in the target server.
CHAP	Select either <b>Yes</b> or <b>No</b> . If yes is selected, mutual authentication between target and user is configured.
CHAP Username	CHAP username. This field is visible only if the CHAP radio button is selected with <b>Yes</b> .
CHAP Password	CHAP Password. This field is visible only if the CHAP radio button is selected with <b>Yes</b> .
<b>Network Configuration Details</b>	
Static/DHCP	Select <b>Static</b> or <b>DHCP</b> for IPs to assign to the test VMs.
IP Range Start	Starting IP address for test VMs. Successive unused IPs after this IP are used for test VMs. This option is not available if you select DHCP.
Gateway	GatewayIP of the network used for test VMs. This option is not available if you select DHCP.
Netmask	NetmaskIP of the network used for test VMs. This option is not available if you select DHCP.
Network	List of network switches available in vCenter.
MTU Size	MTU size for the test VMs and controller. This field is optional.

**Step 3** Click **Save**.

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