



Managing Virtual Data Centers

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Virtual Data Centers

A Virtual Data Center (VDC) is a logical grouping that combines virtual resources, operational details, rules, and policies to manage specific group requirements.

A group or organization can manage multiple VDCs, images, templates, and policies. Organizations can allocate quotas and assign resource limits for individual groups at the VDC level.

You can also define approvers specific to a VDC. The approvers assigned to a particular VDC must approve all service requests from users for VM provisioning.



Note

There is a default VDC in Cisco UCS Director, and all discovered VMs are part of this default VDC. Discovered VMs are VMs that are created outside of Cisco UCS Director or were already created on VMware vCenter before Cisco UCS Director was installed. Cisco UCS Director automatically discovers such VMs and adds them to the default VDC.

A VM that is provisioned using a service request can be associated with a specific VDC. When you create a service request, you can choose the VDC on which this VM is provisioned. You can view a list of the VDCs that are available for a particular group and choose the required VDC when provisioning VMs.

Adding a Virtual Data Center

When completing a service request for VM provisioning, users can view a list of available vDCs for a particular group, and select the appropriate vDC.

A VM provisioned using a service request is associated with the vDC.

Step 1 Choose **Policies > Virtual/Hypervisor Policies > Virtual Data Centers**.

Step 2 Click **Add**.

Step 3 On the **Add vDC** screen, complete the following fields:

Name	Description
Account Type drop-down list	Choose HyperV and click Submit .
General Information	
vDC Name field	The vDC name.
vDC Locked check box	Check this check box if you want to lock this vDC. If checked, this vDC cannot be used for any further deployments. Actions on existing VMs in the vDC are disabled.
vDC Description field	The vDC description.
Group drop-down list	Choose a group for which this vDC is being created, or click the + icon to add a new group to the selection list.
Cloud Name drop-down list	Choose a cloud (SCVMM account) on which you want to create the VDC.
Approvers and Contacts	
First Approver Username field	(Optional) The first approver of the service request created using this vDC.
Second Approver Username field	(Optional) The second approver of the service request created using this vDC.
Approval required from all the users check box	Check this check box if the approval is required from all the users of the vDC.
Number of Approval Request reminders field	The number of reminder emails to be sent to the approvers. Note Enter 0 to send reminder emails periodically until the request is approved or rejected.
Reminder Intervals (Hours) field	The number of reminder emails to be sent to the approvers.
Provider Support Email Address field	The contact user's email address. This user is notified about VM provisioning in this vDC.
Copy Notifications to Email Address field	(Optional) The secondary contact user's email address. This user is notified about VM provisioning in this vDC.
Policies	
Computing Policy drop-down list	Choose a Hyper-V computing policy for the vDC.

Name	Description
Network Policy drop-down list	Choose a Hyper-V network policy for the vDC.
Storage Policy drop-down list	Choose a Hyper-V storage policy for the vDC.
System Policy drop-down list	Choose a Hyper-V system policy for the vDC.
Cost Model drop-down list	Choose a cost model for the vDC.
Disable displaying cost in the SR summary and email page check box	Check this check box to avoid displaying the cost model in the service request summary and email page.
User Action drop-down list	Choose a user action policy for the vDC.
VM Management Policy drop-down list	Choose a VM Management policy for the vDC.
End User Self-Service Policy drop-down list	Choose an end user self-service policy for the vDC.

Step 4 Click Add.

