



Publishing Catalogs

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About Catalogs

You can self-provision virtual machines (VMs) using predefined catalog items. A catalog defines parameters, such as the cloud name and the group name to which the VM is bound. Only a system administrator can create a catalog.

To aid in managing catalogs, Cisco UCS Director allows you to group similar catalogs within a folder. While creating a catalog, you can choose to add it in a previously created folder, or create a new folder. A folder is visible in the system only when it contains a catalog.

The Standard, Advanced, Service Container, and Bare Metal folders are available by default. You cannot edit or delete them.

- **Standard**—Used to create catalogs for VM provisioning, using images from a list of clouds.
- **Advanced**—Used to publish orchestration workflows, such as catalog items.
- **Service Container**—Used to publish application containers as catalog items.
- **Bare Metal**—Used to create catalogs for bare metal server provisioning.

The Manage Folder option on the Catalog page allows you to edit a folder name, delete a folder, or re-order the list of folders.



Important

If you have upgraded Cisco UCS Director to the latest version, then all catalogs created in prior versions are grouped into the folders available by default, based on the catalog type.

Creating a Catalog

When you add a catalog, you can select the groups permitted to provision new VMs with it, and provide other basic information. The chosen application category determines which policies the vDC applies when the service is provided.

For Windows images, there are options for VM user credential access. User credentials for the VM in a template can be shared with other users, or reset before sharing. If shared, a user can retrieve credentials for the active VM.

Step 1 Choose **Policies > Catalogs**.

Step 2 Click **Add**.

Step 3 On the **Add Catalog** screen, choose **Standard** from the **Catalog Type** drop-down list.

Step 4 Click **Submit**.

Step 5 On the **Basic Information** screen, complete the required fields, including the following:

Name	Description
Catalog Name field	Enter a name for the catalog. Note After created, a catalog name cannot be modified.
Catalog Description field	Enter a description of the catalog.
Catalog Type drop-down list	Displays the type of catalog you previously chose. To change the catalog type, you need to cancel and restart this procedure.
Catalog Icon drop-down list	Choose from a list of icons to associate this catalog with an image. This icon is seen when you are creating a service request using this catalog.
Applied to all groups check box	Check the box to enable all groups to use this catalog. Leave it unchecked to deny its use to other groups.
Support Contact Email Address field	Enter the email address of the support contact who is notified when a service request is created using this catalog item.
Selected Groups list	Expand the list to choose the boxes for included groups. The checked groups use this catalog to provision new VMs. Click Validate to verify the selection.
Publish to end users check box	By default, this box is checked. Uncheck this box if you do not want this catalog to be visible to users. If you do not uncheck this box, then this catalog is visible to the users of the system.

Name	Description
Cloud Name drop-down list	Choose the cloud with the image for VM provisioning.
Image list	Choose the type of image (any existing templates such as Windows, Linux, and other files that make up the image) that is applied when VMs are provisioned using this catalog and click Select .
Select Folder drop-down list	Choose the folder within which this catalog must be created. To create a custom folder name, click the + icon.
Configure Service Request Support Email check box	Check this box to enable the user to set the support email for sending service request status.

Step 6 Click **Next**.

Step 7 On the **Application Details** screen, complete the following fields:

Name	Description
Category list	Expand the list to choose a VDC category. Click Validate to verify selection.
Override check box	Check the box to enable the user to override the selected category while provisioning a VM using a service request.
Specify OS drop-down list	Choose the type of OS installed on the VM when it is provisioned.
Specify Other OS field	Enter an OS that is not available in the Specify OS drop-down list.
Specify Applications check boxes	Check the appropriate boxes to specify applications that are installed on the VM during provisioning.
Specify Other Applications field	Enter other applications that are not available from the Specify Applications check boxes.

Name	Description
Application Code field	<p>Enter an application code that is used in the VM name.</p> <p>The application code can be between 1 to 4 characters (for example: W2K3, DB, WS). The application code can be used in a system policy for the VM name by using the variable <code>\${APPCODE}</code>.</p> <p>For example, if the VM Name Template is <code>vm-\${GROUP_NAME}-\${APPCODE}</code>, the VM provisioned with the system policy has the name <code>vm-groupname-W2K3</code>.</p>

Step 8 Click **Next**.

Step 9 On the **User Credentials** screen, complete the following fields (Windows image only):

Name	Description
Credential Options drop-down list	<p>Choose to allow or disallow users to retrieve VM access credentials.</p> <p>If sharing is chosen, enter the user ID and password.</p> <p>The Do not share option is chosen if the administrator wants to send the credentials privately to another user outside Cisco UCS Director</p> <p>Note For Windows 7 templates, the administrator has to provide the user ID because of rules on SCVMM guest customization.</p>

Step 10 Click **Next**.

Step 11 On the **Customization** screen, complete the following fields:

Name	Description
Automatic Guest Customization	
Enable check box	<p>Check this check box if you want to enable automatic guest customization. For Windows images, this option is enabled by default.</p> <p>If you do not check this check box, then Cisco UCS Director does not configure the DNS, Network, and Guest OS properties.</p> <p>Note This option is disabled for Linux templates.</p>
Post-Provisioning Custom Actions	
Enable check box	Check this check box if you want to enable a postprovisioning orchestration workflow.
Workflow drop-down list	<p>Choose a defined workflow for provisioning.</p> <p>Note This field appears when Post Provisioning Custom Actions Enable is checked.</p>

Name	Description
Cost Computation	
Charge Duration drop-down list	Choose Hourly or Monthly .
Active VM Application Cost USD field	Enter the cost for the application that is included in the template.
Inactive VM Application Cost USD field	Enter the cost to this catalog of a VM in inactive state, per hour or month.
VM Life Cycle Configuration	
Lease Time check box	Check the box to define a lease time (in days and hours).
Days field	Enter the number of days. Note This field appears when Lease Time is checked.
Hours field	Enter the number of hours. Note This field appears when Lease Time is checked.
Hide end user lease configuration check box	Check the box to prevent service users from configuring a lease time for VMs.
Hide end user VM provision later check box	Check the box to prevent service users from provisioning VMs at a later time.

Step 12 Click **Next**.

Step 13 On the **VM Access** screen, complete the following fields:

Name	Description
Web Access Configuration	
Enable check box	Check this check box if you want to enable web access to the VM.
URL field	Enter the URL of the VM. This field appears when you check the Web Access Configuration Enable check box.
Label field	Enter the label for the VM. This field appears when you check the Web Access Configuration Enable check box.
Remote Desktop Access Configuration	

Name	Description
Enable check box	Check this check box if you want to enable remote desktop access to the VM.
Server field	Enter the IP address of the server for remote access. This field appears when you check the Remote Desktop Access Configuration Enable check box.
Port field	Enter the port number of the server for remote access. This field appears when you check the Remote Desktop Access Configuration Enable check box.
Label field	Enter any label for this remote type of remote access. This field appears when you check the Enable check box.

Step 14 Click **Next**.

Step 15 On the **Summary** screen, review the information and make any necessary changes.

Step 16 Click **Submit**.
