



# Managing Servers

This chapter contains the following sections:

- [Adding a Pod, page 1](#)
- [Adding an HP Account, page 2](#)
- [Testing the Connection to an HP Account, page 4](#)
- [Verifying the Discovery of an HP Account, page 4](#)

## Adding a Pod

A pod is a logical grouping of physical and virtual components, including one or more physical or virtual accounts, such as an HP account for computing or a NetApp ONTAP account for storage. Typically, a pod represents a single converged infrastructure stack, such as FlexPod, Vblock, or VSPEX.

**Step 1** On the menu bar, choose **Administration > Physical Accounts**.

**Step 2** Click the **Pods** tab.

**Step 3** Click **Add**.

**Step 4** In the **Add Pod** dialog box, complete the following fields:

Name	Description
Name field	A descriptive name for the pod.
Site drop-down list	Choose the site where you want to add the pod. If your environment does not include sites, you can omit this step.

Name	Description
Type drop-down list	Choose <b>Generic</b> as the type of pod.  A generic pod does not require a specific pod license. You can add any type of physical or virtual component to a generic pod. If you choose any type of pod except the generic type, you must have a license for that pod type. In addition, the nongeneric pod types accommodate only specific physical and virtual components. For more information about pod licenses, see <a href="#">Cisco UCS Director Install and Upgrade Guides</a> .
Description field	(Optional) A description of the pod.
Address field	The physical location of the pod. For example, this field could include the city or other internal identification used for the pod.
Hide Pod check box	Check this check box to hide the pod if you do not want it to show in the Converged Check View. You can continue to add or delete accounts from the pod.  For example, you can use this check box to ensure that a pod that does not have any physical or virtual elements is not displayed in the Converged View.

**Step 5** Click **Add**.

### What to Do Next

Add one or more accounts to the pod.

## Adding an HP Account

Cisco UCS Director supports the HP ILO version 2, 3, and 4. Cisco UCS Director performs auto-discovery of the HP ILO version and manages all infrastructure elements in the server that are associated with the HP account.

### Before You Begin

Add the pod to which this HP account belongs.

- 
- Step 1** On the menu bar, choose **Administration > Physical Accounts**.
- Step 2** Click the **Physical Accounts** tab.
- Step 3** Click **Add**.
- Step 4** In the **Add Account** dialog box, complete the following fields:

Name	Description
<b>Pod</b> drop-down list	Choose the pod to which this account belongs.
<b>Category Type</b> drop-down list	Choose the category type. You must choose <b>Computing</b> . This is the type of infrastructure for the account.
<b>Account Type</b> drop-down list	Choose the account type. You must choose <b>HP iLO</b> .
<b>Account Name</b> field	A unique name that you assign to this account.
<b>Server Address</b> field	The IP address of the HP server. For a cluster configuration, this is the virtual IP address.
<b>User ID</b> field	The username that this account will use to access the HP server. This username must be a valid account in the HP server.
<b>Password</b> field	The password associated with the username.
<b>Transport Type</b> drop-down list	Choose one of the following transport types that you want to use for this account: <ul style="list-style-type: none"> <li>• <b>http</b></li> <li>• <b>https</b></li> </ul>
<b>Port</b> field	The port used to access the HP account.
<b>Description</b> field	(Optional) A description of this account.
<b>Contact Email</b> field	The email address that you can use to contact the administrator or other person responsible for this account.
<b>Location</b> field	The location of this account.
<b>Service Provider</b> field	(Optional) The name of the service provider associated with this account, if any.

### Step 5 Click Add.

Cisco UCS Director tests the connection to the HP server. If that test is successful, it adds the HP account and discovers all infrastructure elements in the server that are associated with that account, including servers information, slots, processors, memory, and NICs. This discovery process and inventory collection cycle takes approximately five minutes to complete.

The polling interval configured on the **System Tasks** tab on the **Administration > System** window specifies the frequency of inventory collection. For more information about configuring the polling interval, see the *Cisco UCS Director Network Devices Management Guide*.

## Testing the Connection to an HP Account

You can test the connection at any time after you add an account to a pod.

- 
- |               |   |
|---------------|---|
| <b>Step 1</b> | On the menu bar, choose <b>Administration &gt; Physical Accounts</b> .                |
| <b>Step 2</b> | Click the <b>Physical Accounts</b> tab.   |
| <b>Step 3</b> | In the table, click the row of the account for which you want to test the connection. |
| <b>Step 4</b> | Click <b>Test Connection</b> .  |
| <b>Step 5</b> | When the connection test has completed, click <b>Close</b> .                          |
- 

### What to Do Next

If the connection fails, verify the configuration of the account, including the username and password. If those items are correct, determine whether there is a network connectivity problem.

## Verifying the Discovery of an HP Account

- 
- |               |   |
|---------------|---|
| <b>Step 1</b> | On the menu bar, choose <b>Physical &gt; Compute</b> .  |
| <b>Step 2</b> | In the left pane, choose the pod that includes the HP account that you want to verify.<br><b>Note</b> The left column tree structure lists nodes for <b>Sites</b> , <b>Unassigned Pods</b> , and <b>Multi-Domain Managers</b> . When a Sites node is expanded, all the pods for that site node are displayed. When you expand an Unassigned Pods node, all the pods that are not assigned to any site are displayed. When you expand the Multi-Domain Managers list, all multi-domain manager account types that you added to Cisco UCS Director are displayed. |
| <b>Step 3</b> | Click the <b>Compute Accounts</b> tab.  |
| <b>Step 4</b> | In the table, click the row of the account that you want to verify.   |
| <b>Step 5</b> | Click <b>View Details</b> .<br>Cisco UCS Director displays the iLO server details of that account that it has discovered.   |
| <b>Step 6</b> | Click <b>Back</b> to return to the <b>Compute Accounts</b> tab.   |
-