Configuring Cisco UCS Manager Accounts

This chapter contains the following sections:

Pods

A pod is a logical grouping of physical and virtual components. It includes one or more physical or virtual accounts, forming a module of network, compute, storage, and application components that work together to deliver networking services. The pod is a repeatable pattern, and its components maximize the modularity, scalability, and manageability of data centers.

If needed, you can group pods into sites. These sites appear on the **Converged** tab on the menu bar. For more information, see the Cisco UCS Director Administration Guide.

Adding a Pod

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 where you want to add the pod. If your environment does not include sites, omit this step.
Type drop-down list	Choose the type of pod.

Name	Description
Description field	(Optional) A description of the pod.
Address field	The physical location of the pod. For example, includes the city or other internal identification used for the pod.
Hide POD check box	You may check this check box if you want the pod hidden in the Converged Check View. You can continue to add or delete accounts from the pod. For example, check this check box to ensure that a pod that has no physical or virtual elements isn't displayed in the Converged Check View.

Step 5   Click **Add**.

What to Do Next

Add one or more accounts to the pod.

Adding a Cisco UCS Manager Account

Each Cisco UCS Manager account represents a single Cisco UCS domain that has to be managed by Cisco UCS Director Express for Big Data.

Before You Begin

Add the pod to which this Cisco UCS Manager 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
Pod drop-down list	Choose the pod to which this account belongs.
Category Type drop-down list	Choose the **Computing** category. This is the type of infrastructure for the account.
Account Type drop-down list	Choose the **UCSM** account.

Step 5   Click **Sumit**.

Step 6   In the **Add Account** dialog box, complete the following fields:

Name	Description
Authentication Type drop-down list	Choose the type of authentication to be used for this account. Choose one of the following: • **Locally Authenticated**—A locally authenticated user account is authenticated directly through the fabric interconnect and can be enabled or disabled by anyone with admin or AAA privileges. • **Remotely Authenticated**—A remotely authenticated user account is any user account that is authenticated through LDAP, RADIUS, or TACACS+.
Server Management drop-down list	Choose how the servers in this account will be managed. Choose one of the following: • **All Servers**—All servers are managed by Cisco UCS Director Express for Big Data. This is the default. All servers are added in the Managed state. • **Selected Servers**—Only selected servers are managed by Cisco UCS Director Express for Big Data. You can add and remove servers from the managed servers list, as needed. All servers are added in the Unmanaged state.
Account Name field	A unique name that you have assigned to this account.
Server Address field	The IP address of Cisco UCS Manager. For a cluster configuration, this is the virtual IP address.
Use Credential Policy check box	Check this check box to use a credential policy that you have previously created with a Policy Name, Description, Username, Password, Protocol, and the Port.
Credential Policy drop-down list	Choose the credential policy. If you do not have a Credential Policy, create a New Credential Policy in the **Add Credential Dialog** box.
User ID field	The username that this account uses to access Cisco UCS Manager. This username must be the name of a valid account in Cisco UCS Manager.
Password field	The password associated with the username.
UCS Authentication Domain field	The authentication domain for the remotely authenticated account. This field is not displayed if you are using a locally authenticated account.
Transport Type drop-down list	Choose the transport type that you want to use for this account. Choose one of the following: • **http** • **https**

Name	Description
Port field	The port used to access Cisco UCS Manager.
Description field	(Optional) A description of this account.
Contact Email field	The email address of an administrator or other person responsible for this account.
Location field	The location of this account.
Service Provider field	(Optional) The name of the service provider, if any, associated with this account.

Step 7   Click **Add**.

Cisco UCS Director Express for Big Data tests the connection to Cisco UCS Manager. If the test is successful, it adds the Cisco UCS Manager account and discovers all infrastructure elements in Cisco UCS Manager that are associated with that account, including chassis, servers, fabric interconnects, service profiles, and pools. This discovery process and inventory collection cycle takes approximately five minutes to complete.

The polling interval configured on the **System Tasks** tab specifies the frequency of inventory collection.