Set Up Clusters

Cisco Prime Collaboration manages the following clusters:

- Cisco TelePresence Manager
- Cisco TMS
- Cisco VCS
- Cisco Unified CM
- Cisco TelePresence Exchange - MSP mode only

If you are using more than one Cisco TelePresence Manager (CTS-Manager), or Cisco TelePresence Management Suite (TMS) in your network, you must configure these applications in a cluster for the Cisco Prime Collaboration application to manage; that is, Cisco Prime Collaboration cannot manage two standalone CTS-Manager, or TMS.

Cisco Prime Collaboration monitors only the application servers. It does not monitor the database instances. Health polling is performed for all the CTS-Manager, or Cisco TMS application servers in the clusters.

For CTS-Manager, or TMS clusters, the conference details are imported from the primary CTS-Manager, or Cisco TMS as defined on the Manage Clusters page.

If you have deployed Cisco Prime Collaboration in MSP mode, you can manage a CTX cluster also. Cisco Prime Collaboration cannot manage more than one CTX cluster. Health polling is performed for the CTX admin server in the cluster. For CTX clusters, the session details are imported from the primary admin server.

Manage Cisco TelePresence Manager or Cisco TMS Clusters or Cisco TelePresence Exchange (CTX) clusters

Before discovering Cisco TelePresence Manager, Cisco TMS, or Cisco TelePresence Exchange (CTX) clusters, you must enter the cluster details in the Manage Cluster page. During the discovery of Cisco TelePresence Manager or Cisco TMS, Cisco Prime Collaboration uses the cluster details, along with the device credentials (Device Inventory > Inventory Management > Manage Credentials) and discovers the management applications.
For adding CTX clusters, ensure that you create a new user with API role in the primary CTX admin server. For information on this procedure, see the [Setting up Devices for Prime Collaboration Assurance](#) wiki.

**Note**

For Cisco Prime Collaboration Release 11.5 and later

Cisco TelePresence Manager and Cisco TelePresence Exchange (CTX) clusters are not supported.

Before discovering Cisco TMS clusters, you must enter the cluster details in the Manage Cluster page. During the discovery of Cisco TMS, Cisco Prime Collaboration uses the cluster details, along with the device credentials *(Inventory > Inventory Management > Manage Credentials)* and discovers the management applications.

To manage Cisco TelePresence Manager, Cisco TMS or Cisco TelePresence Exchange (CTX) clusters:

<table>
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<th>Step</th>
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| **Step 1** | Choose **Device Inventory > Inventory Management**.  
*For Cisco Prime Collaboration Release 11.5 and later*  
Choose **Inventory > Inventory Management**. |
| **Step 2** | From the Inventory Management page, click **Manage CTS-MAN/TMS Cluster**.  
If you have deployed Cisco Prime Collaboration in MSP mode, click **Manage CTS-MAN/TMS Cluster**.  
*For Cisco Prime Collaboration Release 11.5 and later*  
From the Inventory Management page, click **Manage TMS Cluster**.  
If you have deployed Cisco Prime Collaboration in MSP mode, click **Manage TMS Clusters**. |
| **Step 3** | In the Manage Cluster window, enter the cluster name and choose an item from the **Cluster Type** drop-down list. |
| **Step 4** | For a CTS-MAN cluster: Enter the IP addresses of the primary, secondary, hot standby, and the load-balancer servers. (The Primary Server IP address and hot standby or secondary are mandatory; only load-balancer server is optional.)  
For a CTX cluster: Enter the IP address of the primary and secondary admin server.  
For a TMS cluster: Enter the IP address of the primary active server, and the secondary active or passive server.  
*For Cisco Prime Collaboration Release 11.5 and later*  
For a TMS cluster: Enter the IP address of the primary active server, and the secondary active or passive server. |
| **Step 5** | Click **Add** to add a new cluster.  
Perform logical discovery to discover these clusters. For information on logical discovery, see [Device Discovery Methods](#).  
When you are discovering clusters for the first time in your network, you can enter primary, secondary, hot standby and load-balancer server details for CTS-MAN and TMS clusters. Later, to update inventory or rediscover, you can provide only the primary server details of CTS-MAN and TMS clusters. |