



## Configure Devices

---

This chapter describes the tasks related to device configuration in Cisco Optical Site Manager.

- [Manage Authorization Groups, on page 1](#)
- [Manage Devices, on page 2](#)
- [Retrieve Device Diagnostics, on page 3](#)

## Manage Authorization Groups

Use this task to create, edit, or delete authorization groups for devices.

### Before you begin

[Log into Cisco Optical Site Manager](#)

### Procedure

---

- Step 1** Click **Devices** in the left panel.  
The *Device Configuration* page appears.
- Step 2** In the **Devices** tab, click the **Authorization Group** section to expand it.  
A table appears that lists all the available groups.
- Step 3** Perform these steps, as needed:
- a) To create a new authorization group, perform these steps:
    1. Click the **Add Auth Group** button.  
The **Add Authorization Group** dialog box appears.
    2. Enter the **Auth Group Name**, **Remote User Name**, and **Remote Password** in their respective fields.
    3. Click **Add**.  
The new auth group is added to the table.
  - b) To edit an authorization group, perform these steps:
    1. Select the check box corresponding to the authorization group you want to edit.

2. Click the **Edit Auth Group** button.  
A warning message appears informing the user that there may be loss in device communication.
  3. Click **OK**.  
The **Edit Authorization Group** dialog box appears.
  4. Edit the fields, as needed.  
**Note** The auth group name cannot be edited.
  5. Click **Edit**.  
The details are updated.
- c) To delete an authorization group, perform these steps:
1. Select the check box corresponding to the authorization group you want to edit.
  2. Click the **Delete Auth Group** button.  
A confirmation message appears.
  3. Click **OK**.  
The auth group is deleted from the table.
- 

## Manage Devices

Use this task to add, synchronize, or delete devices.

### Before you begin

[Log into Cisco Optical Site Manager](#)

### Procedure

---

- Step 1** Click **Devices** in the left panel.  
The *Device Configuration* page appears.
- Step 2** In the **Devices** tab, click the **Devices** section to expand it.  
A table appears that lists all the devices that are configured.
- Step 3** Perform these steps, as needed:
  - a) To create a new device, perform these steps:
    1. Click the **Add Device** icon.  
The Add Device dialog box appears.
    2. Enter the Netconf port in the **Netconf Port** field.

3. Choose the **Device Type** from the drop-down list.
4. Enter the Device Name and IP Address in their respective fields.
5. Select an authorization group from the **Auth Group** drop-down list.
6. Click **Add**.

The new device is added to the table.

b) To delete a device, perform these steps:

1. Select the check box corresponding to the device you want to delete.
2. Click the **Delete Devices** button.  
A confirmation message appears.
3. Click **OK**.

The device is deleted from the table.

---

## Retrieve Device Diagnostics

Use this task to retrieve and download the device diagnostic logs.



---

**Note** The system retrieves the diagnostics of the selected device. The progress and errors are displayed at the top of the table.

---

### Before you begin

[Log into Cisco Optical Site Manager](#)

### Procedure

---

- Step 1** Click **Devices** in the left panel.
- Step 2** In the **Devices** tab, click the **Diagnostics** section to expand it.  
The configured devices are listed in a table.
- Step 3** Select the **Node Diagnostics** check box corresponding to the device for which you want to retrieve the diagnostics.
- Step 4** Click **Retrieve**.  
A confirmation message appears.
- Step 5** Click **Yes** to proceed.  
A **Request Accepted** message appears.

**Step 6** Click **OK**.  
A message appears when the diagnostic action is completed.

**Step 7** Select the check box corresponding to the device for which you want to download the diagnostics and click **Download**.  
A zip file containing the logs is downloaded.

---