



# Cisco Optical Site Manager Topology

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This chapter describes the different Cisco Optical Site Manager views. In this chapter, you will also learn to add new racks.

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## Cisco Optical Site Manager Topology

The **COSM Topology** page offers two distinct views:

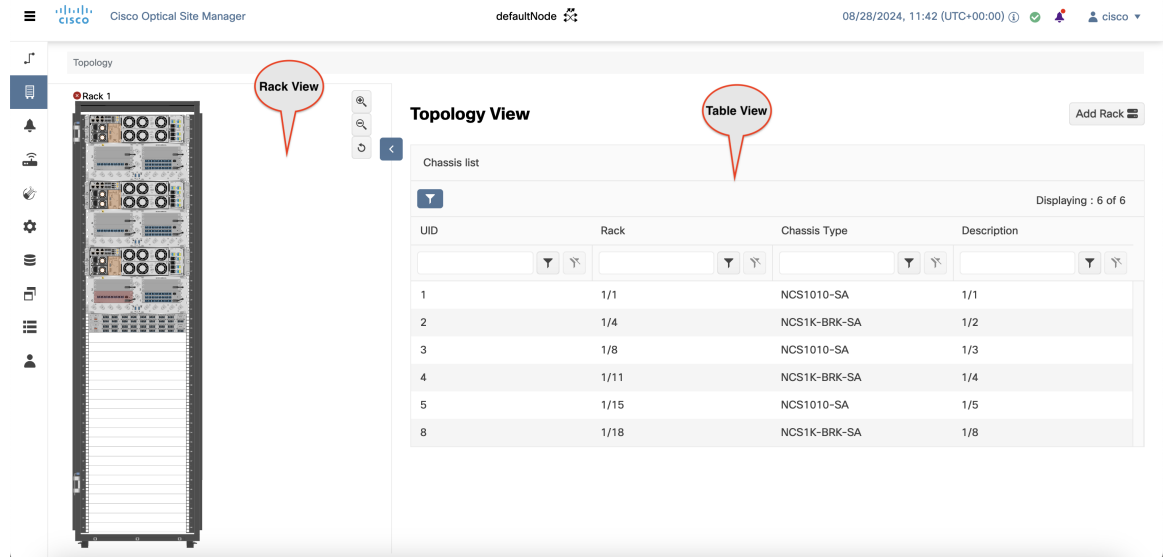
### **Rack View**

The Rack view provides a visual representation of a rack, including its nodes and cards. Hovering over a device or node in this view displays the device's name as a tooltip.

### **Table View**

The Table view displays the Chassis list along with details such as node UIDs, rack number, chassis type, and description. It also provides the option to add a new rack.

Figure 1: Cisco Optical Site Manager Topology



## Create a Rack

Use this task to add a rack.

### Before you begin

[Log into Cisco Optical Site Manager](#)

### Procedure

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- Step 1** Click **COSM Topology** in the left panel.  
The COSM Topology page appears.
- Step 2** Click **Add Rack**.  
The Add rack dialog box appears.
- Step 3** Enter a rack ID in the **Rack ID** field.  
You can enter any value from 1 through 32767.
- Step 4** Click **Apply**.  
The rack is added to the rack and table views.
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# Open the Card View

Use this task to open the card view.

## Before you begin

[Log into Cisco Optical Site Manager](#)

## Procedure

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- Step 1** Click **COSM Topology** in the left panel.  
The Rack and Chassis view appear.
- Step 2** Navigate to the chassis view using any one of the following steps:
- Click the chassis icon in the logical view.
  - Click the ID in the Chassis List or the Chassis ID in the Cisco Optical Site Manager List in the tabular view.
  - Click the rack ID in the left panel to open the rack view and identify the chassis of interest.
  - Click the chassis name in the expanded rack tree view in the left panel.
- Step 3** From the Rack view, right-click the slot that contains the card and choose **Open Card**.  
The card view appears.
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# View Passive Device Details

Use this task to view a passive device to a passive chassis. You can also use this task to identify a specific passive device that is associated to a USB port by using the LED blink function.

## Before you begin

- [Log into Cisco Optical Site Manager](#)

## Procedure

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- Step 1** Click **COSM Topology** in the left panel.
- Step 2** Click the rack name in the Rack view.
- Step 3** Click the **Provisioning** tab.
- Step 4** Click **Passives** to expand the section.  
The passive devices are displayed in the table.

- Step 5** Select the check box corresponding to a device and click **Edit**.  
The **USB Port** field for the selected device becomes editable.
  - Step 6** Select the USB port from the drop-down list.
  - Step 7** Click **Apply**.
  - Step 8** (Optional) Click **LED Blink** to start blinking the LED of the passive device.
  - Step 9** (Optional) Click **LED Status** to know the LED status of the associated device.
  - Step 10** (Optional) Click **LED Blink** again to stop the blinking.
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## View Voltage, Temperature and Current Information

Use this task to display the voltage, temperature and current information of a chassis.

### Before you begin

[Log into Cisco Optical Site Manager](#)

### Procedure

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- Step 1** Click **COSM Topology** in the left panel.  
The COSM Topology page appears.
  - Step 2** Click the rack name from the Rack view.
  - Step 3** Right-click the outer edge of the chassis from the Rack view and select **Open** to open the Chassis view.  
Alternatively, you can also double-click the chassis to open the Chassis view.  
The Chassis view appears.
  - Step 4** Click the **Provisioning** tab.
  - Step 5** Click the **Voltage/Temperature/Current** section to expand it.  
Expand the **Voltage**, **Temperature**, and **Current** sections to view the voltage , temperature, and current information of the chassis.
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## View Power Monitoring Parameters

Use this task to display the power monitoring parameters of a chassis.

### Before you begin

[Log into Cisco Optical Site Manager](#)

## Procedure

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- Step 1** Click **COSM Topology** in the left panel.  
The COSM Topology page appears.
- Step 2** Click the rack name from the Rack view.
- Step 3** Right-click the chassis from the Rack view and select **Open**.  
Alternatively, you can also double-click the chassis to open the Chassis view.  
The Chassis view appears.
- Step 4** Click the **Provisioning** tab.
- Step 5** Click the **Power Monitor** section to expand it.  
The Power Monitor section displays the environment type, power summary, voltage thresholds of the chassis.
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