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Monitoring License Usage in Cisco Catalyst SD-WAN

Monitor License Usage

License Management Overview

From the Cisco SD-WAN Manager menu, choose **Administration** > **License Management** to display the **License Management Overview**.

The **License Management Overview** page shows license information, including what percentage of devices have licenses assigned, the top types of licenses assigned to devices, license usage, license alarms, and so on.

License alarms alert you to licensing issues affecting devices in the Cisco Catalyst SD-WAN network. You can click the alarm icon to display details of the problem. Issues include the following:

- A device is not licensed.

- The interval for reporting license usage to Cisco SSM has been exceeded.

    - Prepaid licenses: A report is required every three months.

    - Postpaid licenses: A report is required each month.

License Management Overview

After you have assigned at least one license, the **Overview** tab in the **Administration** > **License Management** page provides the following information:

Device Assignment Distribution	• Percentage of licensed devices • Percentage of unlicensed devices
Top 5 licenses	Lists the top 5 licenses in use and shows the usage percentage for each license.
License Usage vs Availability	The dashlet features a bar chart with stacked columns. The chart uses two stacked columns for each of the three license packages Advantage, Essentials, and Premier. For each package, the column on the left represents the count of used licenses; the column on the right represents the count of available licenses. The stacked segments in each column represent a particular license tier (such as Tier 0 or Tier 1). The segment for each tier is of a different color, as identified in the legend.
License and Devices Overview	This section provides the following details for each license assigned: • Name (for example, Routing DNA Essentials: Tier 0) • Number of Licensed Devices: Number of devices to which this license is assigned. • Number of Total Licenses: Sum of the number of licenses assigned and number of licenses available. • Last Assigned On: Date and time when the license was most recently assigned.

View Device License Status

1. From the Cisco SD-WAN Manager menu, choose **Administration** > **License Management**.

2. Click **Device**.

   A table shows each device for which licensing is relevant, and information about the device's licensing. The fields in the table are self-explanatory.

Note In a multitenancy scenario, a multitenant connector (MTC) device does not require a license and does not appear in the list. To view device details, open **Configuration** > **Devices** and click **WAN Edge List**. MTC devices appear in the list, tagged as **Connector**.