Cisco Cyber Vision Center Licenses

Cisco Cyber Vision Licenses

Cisco Cyber Vision smart licenses are managed through Cisco Smart Software Manager (CSSM), a centralized platform that allows you to track and manage Cisco licenses across your organization. You have real-time visibility into license usage and availability to help easily optimize and scale usage while ensuring compliance.

There are many types of Cisco Cyber Vision licenses for the various supported device types. This document guides you through the registration and activation of the Cisco Cyber Vision Center licenses, Essentials and Advantage.

You can also use Specific License Reservations for air-gapped networks that do not have a persistent Internet connection. However, this licensing types requires special permissions. You must reach out to your Cisco account manager if you require the Specific License Reservation.

For more information about the Cisco Cyber Vision license types and how to order them, see the Cisco Cyber Vision Data Sheet.

Trial Licenses for Cisco Cyber Vision

When you install a Cisco Cyber Vision Center release for the first time, the evaluation mode is enabled by default. The evaluation mode is valid for 90 days and you have access to all the Cisco Cyber Vision features during this time. At the end of the 90 days, you must register a valid Cisco Cyber Vision license to continue using the center.

The evaluation mode is active automatically on a fresh install of Cisco Cyber Vision. To view the details of your evaluation mode, log in to your Cisco Cyber Vision center, and choose **Admin** > **License**. The page displays the number of days remaining in the evaluation mode, and you can start registering your smart licenses when you are prepared to do so.

When the evaluation licenses expire, you can only access the **License** page of the Cisco Cyber Vision center. You can't access any other page until you register valid licenses.

Essentials and Advantage Licenses

Cisco Cyber Vision Center licenses are available in two tiers, Essentials and Advantage. Each tier enables a set of features, with the Advantage license enabling a wider set of features that includes the features mapped to the Essentials license.

Features enabled by Cisco Cyber Vision Essentials license

Inventory

- Device inventory

- Identify communication patterns

- Generate inventory reports

Vulnerability

- Identify device vulnerabilities

- Generate vulnerability reports

Activities

- Track control system events

- Generate device activity reports

RESTful API: REST API programming interface

Features enabled by the Cisco Cyber Vision Advantage license

It includes Essentials features, plus:

Security posture: Device Risk Scoring

Intrusion detection

- Snort IDS on supported sensors

- Talos community signatures (New rules may be added 30 days after release)

Behavior monitoring

- Create baselines for asset behaviors

- Alerts on deviations

Advanced integrations

- SecureX Ribbon

- pxGrid integration with Cisco ISE

- Firepower Host Attribute integration

- SIEM Integration – Splunk, IBM QRadar

- ServiceNow OT Management integration

Register Your Essentials or Advantage Licenses

Before you begin

After your purchased licenses are available in your Cisco Software Central account, you must make note of the product registration token and the transport gateway URL (if applicable) to register your smart licenses in the Cisco Cyber Vision center.

Product registration tokens link new product instances to a virtual account. The Cisco Software Central account for your organization would typically contain all the Cisco licenses purchased. To link a new product instance to the organizational smart licensing account, you use product registration tokens

1. Log in to your Cisco Software Central account.

2. Choose the **Inventory** tab.

3. The **Product Instance Registration Tokens** area lists all the tokens that are already generated for this smart licensing account.

    a. To use an existing token, from the Actions column, click **Copy**.

    b. To create a new token, click **New Token**.

4. Copy the product token.

5. (Optional) If you want to use the Transport Gateway connection method, click **Smart Transport Registration URL** to copy the registration URL.

Step 1	Log in to your Cisco Cyber Vision center.
Step 2	Choose **Admin** > **License**.
Step 3	To choose the license tier (Essentials or Advantage), click **edit the Software Subscription Licensing**. Use the toggle button in the displayed dialog box to choose the license tier.
Step 4	To choose the connection method, click **edit the Smart Call Home Transport Settings**. In the dialog box, choose:

- **Direct**, to connect to Cisco licensing servers through a direct HTTP connection if you have a persistent internet connection.

- **Transport Gateway**, to connect to Cisco licensing servers through Transport Gateway or Smart Software Manager Satellite. In the **URL** field, enter the Smart Transport Registration URL you copied from Cisco Software Central.

- **HTTP/HTTPS Proxy,** to connect to Cisco licensing servers through a proxy server. Enter the details of the proxy server to use for this purpose.

Step 5	Click **Register**.
Step 6	In the registration dialog box, enter the product instance registration token you copied from Cisco Software Central.
Step 7	Click **Register**.

Reregister Your Licenses

You may need to reregister your licenses to troubleshoot license reporting or usage issues. You can do this through the **Admin** > **License** page of the Cisco Cyber Vision center. Click the **Actions** drop-down list at the top-right corner of the License page, and click **Reregister**. Generate a registration token and follow the steps detailed in Register Your Essentials or Advantage Licenses.

Deregister Your Licenses

When you deregister your licenses, you enter the evaluation mode again. If the evaluation mode has no remaining days, the center considers your evaluation license as expired, and you have limited access to the Cisco Cyber Vision center.

You can deregister your licenses through the **Admin** > **License** page of the Cisco Cyber Vision center. Click the **Actions** drop-down list at the top-right corner of the License page, and click **Deregister**.

Use Specific License Reservation

Specific license reservation is a smart licensing method that you can use when your organization's security requirements do not allow a persistent connection between Cisco Cyber Vision center and the Cisco Smart Software Manager (CSSM). Specific license reservation allows you to reserve license entitlements on a center.

The process to create and register a specific license reservation spans across Cisco Cyber Vision center and Cisco Software Manager.

If you don't want to proceed with the license reservation after you generate the reservation request code in Cisco Cyber Vision center, in the **License** page, click **Cancel Reservation Code**.

If you lose the reservation request code you created in Cisco Cyber Vision center, in the **License** page, click **View Reservation Request Code**.

Before you begin

Specific License Reservation is not available by default. If you want to use this licensing method, contact your Cisco account team to get the permission to use specific license reservation. After you licensing method is granted, you can carry out the following task to register specific license reservation on your Cisco Cyber Vision center.

Step 1	In the Cisco Cyber Vision center, choose **Admin** > **License**
Step 2	Click **Specific License Reservation**.
Step 3	In the statement **If your Smart Account is authorized for License Reservation and you wish to reserve licenses, start here.**, click **start here**.
Step 4	Click, **Yes, My Smart Account is License Reservation Enabled**.
Step 5	Click **Generation Reservation Request Code**.
Step 6	To copy the reservation code, click **Save to File** or **Copy to clipboard**.
Step 7	Log in to Cisco Software Manager, and from the main menu, choose **Smart Software Manager** > **Manage Licenses**.
Step 8	Choose **Inventory** > **Licenses** to view your purchased smart licenses.
Step 9	Click **License Reservation**. A **Smart License Reservation** workflow dialog box is displayed.
Step 10	In the **Step 1: Enter Request Code** tab, in the field that is displayed, enter the reservation code you received from Cisco Cyber Vision center.
Step 11	Click **Next**.
Step 12	In the **Step 2: Select Licenses** tab, click the **Reserve a specific license** radio button. Then, in the **Reserve** column of the table displayed, for each license type, enter the number of license entitlements you want to reserve.
Step 13	Click **Next**.
Step 14	In the **Step 3: Review and Confirm** tab, review the details of your specific license reservation, and click **Generate Authorization Code**.
Step 15	The **Step 4: Authorization Code** tab contains a field that displays the authorization code in the XML format. This XML content includes information about the license reservation and the Cisco Cyber Vision center for which the SLR is generated. Click **Download As File** to download the .txt file to your local system.
Step 16	In the **License** page of your Cisco Cyber Vision center, click **Enter Reservation Authorization Code**.
Step 17	You can paste the contents of the .txt file in the text box, or click **Upload** and choose the .txt file that you downloaded from Cisco Software Manager.
Step 18	Click **Install Authorization Code/File**.

Update Specific License Reservation

If you need to update the details of your specific license reservation, create a new reservation code in Cisco Software Central. Then, register the license reservation through the Cisco Cyber Vision center.

Step 1	Log in to Cisco Software Manager, and from the main menu, choose **Smart Software Manager** > **Manage Licenses**.
Step 2	Choose **Inventory** > **Product Instances** to view the product instances that report license usage to Cisco Software Central.
Step 3	Find the Cisco Cyber Vision center for which you want to update the license reservation, and click the **Actions** drop-down menu in the same row.
Step 4	Click **Update Reserved Licenses**.
Step 5	In the **Step 1: Select Licenses** tab, click the **Reserve a specific license** radio button. Then, in the **Reserve** column of the table displayed, for each license type, enter the number of license entitlements you want to reserve.
Step 6	Click **Next**.
Step 7	In the **Step 2: Review and Confirm** tab, review the details of your specific license reservation, and click **Generate Authorization Code**.
Step 8	The **Step 3: Authorization Code** tab contains a field that displays the authorization code in the XML format. This XML content includes information about the license reservation and the Cisco Cyber Vision center for which the SLR is generated. Click **Download As File** to download the .txt file to your local system.
Step 9	In the Cisco Cyber Vision center, choose **Admin** > **License**
Step 10	Click **Update Reservation**.
Step 11	Enter the authorization code for the updated license reservation.
Step 12	Click **Register**.

Return Specific License Reservation

When you return a specific license reservation, the reserved licenses are released and available in your smart licensing account for reuse. You can use them as smart licenses or as part of another license reservation.

Step 1	In the Cisco Cyber Vision center, choose **Admin** > **License**
Step 2	Click **Return Reserved Licenses**.
Step 3	Click **Generate Reservation Return Code**.
Step 4	Copy the code displayed in the text box.
Step 5	Click **Return License**.
Step 6	Log in to Cisco Software Manager, and from the main menu, choose **Smart Software Manager** > **Manage Licenses**.
Step 7	Choose **Inventory** > **Product Instances** to view the product instances that report license usage to Cisco Software Central.
Step 8	From the **Actions** drop-down list for your specifc license reservation, choose **Remove**.
Step 9	Enter the reservation return code that you copied in Step 4, from Cisco Cyber Vision center.
Step 10	Click **Remove Product Instance**.