



# Maintenance

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## Upgrade procedures

### Sensor Self Update

Cisco Cyber Vision now allows sensor updates regardless of the install method (i.e., without the extension). Release 4.4.1 provides the necessary foundation for sensor self-updates. However, the self-update feature will only be functional in future releases.

Starting with Cisco Cyber Vision release 4.4.1, you can update all sensors automatically. The required steps are:

- Select sensors to update.
- The Center adds a new job to the sensor queue.
- The sensor automatically collects and validates the update file.
- The sensor restarts with the new version.

### Update Warnings

In the Cisco Cyber Vision center on the Sensor Explorer page (Admin – Sensors – Sensor Explorer), users receive an alert to update the sensor. When this happens, the version number turns red, and a blue arrow with a tooltip indicates the sensor is upgradeable.

The screenshot displays the Cisco Cyber Vision interface, specifically the Sensor Explorer section. The left sidebar contains navigation options: Explore, Reports, Events, Monitor, Search, and Admin. The main content area is titled "Sensor Explorer" and includes a sub-menu with options like System, Data Management, Network Organization, Sensors, Templates, Management jobs, PCAP Upload, Active Discovery, and Users. The Sensors section is active, showing a table of "Folders and sensors (6)".

At the top of the Sensors section, there are three buttons: "Install sensor", "Manage Cisco devices", and "Organize". Below this, a table lists sensors with columns for Label, Serial Number, IP Address, Version, and a status icon. A tooltip is visible over the first sensor, indicating an update is available.

Label	Serial Number	IP Address	Version	Status
	FCH2309Y02K	192.168.49.37	4.4.0	Update available
	FOC2716ZEMN	192.168.49.101	4.4.0	Up to date

The tooltip for the first sensor reads: "This device can be updated to version 4.4.0-202405232039".

On the sensor's right-side, the same blue arrow and an **Update** button is visible.

FCH2309Y02K ✕

Label: FCH2309Y02K

Serial Number: FCH2309Y02K

IP address: 192.168.49.37

Version: 4.4.0+202405071629

System date: Jun 5, 2024 3:32:50 PM

Deployment: Sensor Management Extension

Active Discovery: Enabled

Capture mode: All

Template: Default

**System Health**

Status: Connected

Processing status: Normally processing

Uptime: 20 minutes

[Go to statistics](#)

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Start Recording

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Move to

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Capture mode	Redeploy
Enable IDS	Uninstall
Active Discovery	
Update	

## Update Procedure

### Procedure

- 
- Step 1** Use the checkboxes on the left to select multiple sensors.

**Folders and sensors (6)**

Filter 3 Selected Move selection to More Actions ▾

<input type="checkbox"/>	Label	Serial Number	IP Address	Version	Update status
<input checked="" type="checkbox"/>	FCH2309Y02K	FCH2309Y02K	192.168.49.37	4.4.0	
<input checked="" type="checkbox"/>	FOC2716ZEMN	FOC2716ZEMN	192.168.49.101	4.4.0	
<input type="checkbox"/>	ie3400esc00	FCW2445P6X5	192.168.49.21	4.4.0	
<input checked="" type="checkbox"/>	IE3400esc02	FCW2721Y1GC	192.168.49.25	4.4.0	
<input type="checkbox"/>	IE3400esc03	FCW2721Y1QV	192.168.49.27	4.4.0	
<input type="checkbox"/>	IE3400esc04	FCW2721Y1FK	169.254.0.2	4.4.0	

**Step 2** Go to the **More Actions** and click **Update sensors**.

The sensor self-update menu appears.

**Folders and sensors (6)**

Filter 3 Selected Move selection to More Actions ^

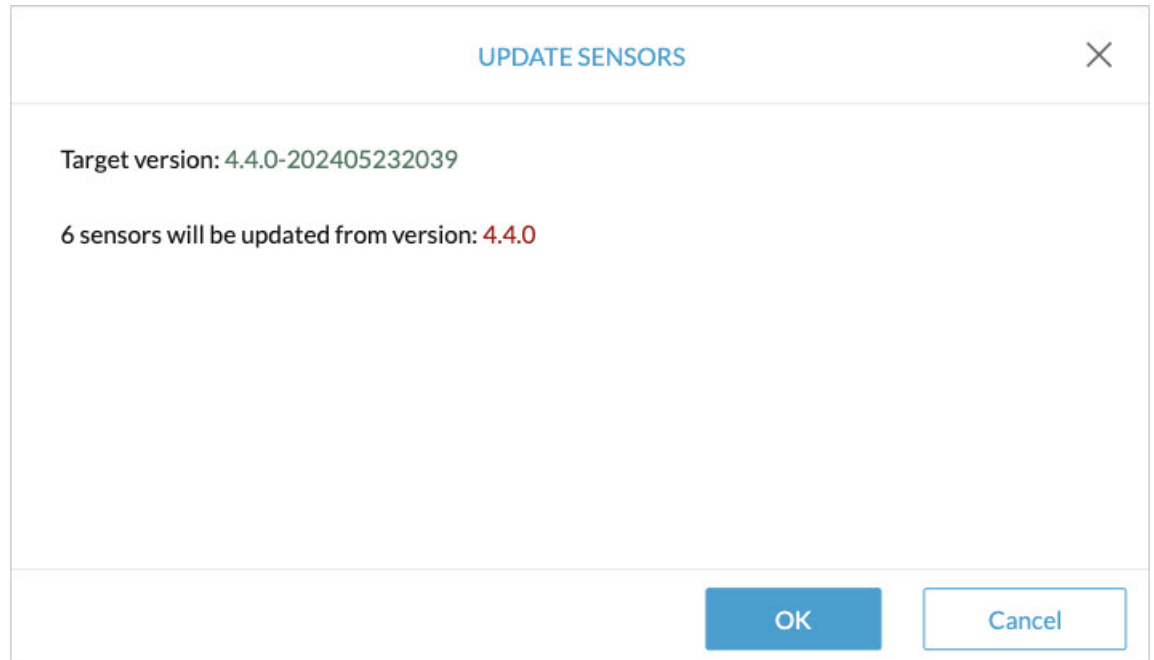
<input type="checkbox"/>	Label	Serial Number	IP Address	Version	Update status
<input checked="" type="checkbox"/>	FCH2309Y02K	FCH2309Y02K	192.168.49.37	4.4.0	
<input checked="" type="checkbox"/>	FOC2716ZEMN	FOC2716ZEMN	192.168.49.101	4.4.0	
<input type="checkbox"/>	ie3400esc00	FCW2445P6X5	192.168.49.21	4.4.0	

More Actions ^

- Delete folders
- Update sensors**



**Step 3** Click **OK**.



**Step 4** During the update, a blue circle appears in the **Update status** column.

Folders and sensors (6)

Filter 0 Selected Move selection to More Actions

<input type="checkbox"/>	Label	Serial Number	IP Address	Version	Update status	Location
<input type="checkbox"/>	FCH2309Y02K	FCH2309Y02K	192.168.49.37	4.4.0		
<input type="checkbox"/>	FOC2716ZEMN	FOC2716ZEMN	192.168.49.101	4.4.0		
<input type="checkbox"/>	ie3400esc00	FCW2445P6X5	192.168.49.21	4.4.0		
<input type="checkbox"/>	IE3400esc02	FCW2721Y1GC	192.168.49.25	4.4.0		
<input type="checkbox"/>	IE3400esc03	FCW2721Y1QV	192.168.49.27	4.4.0		
<input type="checkbox"/>	IE3400esc04	FCW2721Y1FK	169.254.0.2	4.4.0		

**Step 5** After the update, the version number turns black, and a green symbol appears in the **Update status** column.

<input type="checkbox"/>	Filter	0 Selected	Move selection to	More Actions		
<input type="checkbox"/>	Label	Serial Number	IP Address	Version	Update status	Location
<input type="checkbox"/>	FCH2309Y02K	FCH2309Y02K	192.168.49.37	4.4.0		
<input type="checkbox"/>	FOC2716ZEMN	FOC2716ZEMN	192.168.49.101	4.4.0		
<input type="checkbox"/>	ie3400esc00	FCW2445P6X5	192.168.49.21	4.4.0		
<input type="checkbox"/>	IE3400esc02	FCW2721Y1GC	192.168.49.25	4.4.0		
<input type="checkbox"/>	IE3400esc03	FCW2721Y1QV	192.168.49.27	4.4.0		
<input type="checkbox"/>	IE3400esc04	FCW2721Y1FK	169.254.0.2	4.4.0		

**Step 6** The **Update in progress** status is visible.

ie3400esc00 ✕

Label: ie3400esc00 ✎  
Serial Number: FCW2445P6X5  
IP address: 192.168.49.21  
Version: 4.4.0+202405071631  
System date: Jun 5, 2024 3:34:59 PM  
Deployment: Manual  
Active Discovery: Enabled  
Capture mode: All  
Template: Default ✎

**System Health**  
Status: Connected  
Processing status: Normally processing  
Uptime: 1 hour

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▶ Start Recording

---

📁 Move to

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↓ Download package      🔑 Capture mode

⊖ Uninstall      🔍 Active Discovery

↻ Update      🔄 Update in progress

## Update Failure

If the update is unsuccessful, the **Update status** column displays a red cross and a message that provides the details.

	Label	Serial Number	IP Address	Version	Update status
<input type="checkbox"/>	FCH2309Y02K	FCH2309Y02K	192.168.49.37	4.4.0	Update unsuccessful: Marked as failed because the update remained in a transient status for too long Last failed attempt: Jun 5, 2024
<input type="checkbox"/>	FOC2716ZEMN	FOC2716ZEMN	192.168.49.101	4.4.0	Connected normally processing

## Upgrade through the Cisco Cyber Vision sensor management extension

Before updating sensors, the Cisco Cyber Vision sensor management extension must be up-to-date.

It is possible to select which sensors to update. The update status will be visible in the [Management jobs](#) page.

### Update the sensor management extension

The Cisco Cyber Vision sensor management extension must be up-to-date to update IOx sensors.

#### Procedure

- Step 1** Retrieve the sensor management extension file (i.e. CiscoCyberVision-sensor-management-<version>.ext) on [cisco.com](#).
- Step 2** In Cisco Cyber Vision, navigate to Admin > Extensions.
- Step 3** Click **Update** to browse the new version of the extension file.

**Extensions**

From this page, you can manage Cyber Vision Extensions. Extensions are optional add-ons to Cyber Vision Center which provide more features, such as the management of new device types, additional detection engines, or integrations with external services.

**Update**  
Uploading... Please do not quit or refresh the page.

**Installed extensions**

Name	Version	Actions
Cyber Vision sensor management	4.1.2	<input type="button" value="Update"/> <input type="button" value="Remove"/>

## Update the sensors

### Procedure

**Step 1** In Cisco Cyber Vision, navigate to Admin > Sensors > Sensor Explorer.  
Sensors that are not up-to-date have their version displayed in red.

**Step 2** Click **Install sensor**, then **Update Cisco devices**.

Sensor Explorer

From this page, you can explore and manage sensors and sensors folders. Sensors can be remotely and securely rebo time, you must authorize it so the Center can receive its data.

Filter 0 Selected MOVE SELECTION TO More Actions ▾

<input type="checkbox"/>	Label	IP Address	Version	Location	Health status <span>ⓘ ▾</span>
<input type="checkbox"/>	FOLDER1			Lyon	
<input type="checkbox"/>	FOLDER2			Paris	
<input type="checkbox"/>	IC3000	192.168.49.23	4.1.1+202205161124		Connected
<input type="checkbox"/>	IE3400	192.168.49.21	4.1.2+202207190948		Connected

The update Cisco devices window pops up listing all sensors that have been deployed with the sensor management extension.

UPDATE CISCO DEVICES

Only sensors deployed with the Sensor Management Extension (except IC3000) are concerned here. They appear only if there is a new version of their application available in the currently installed extension. Please select the sensors to update.

<input type="checkbox"/>	Label	IP	Version	Target
<input type="checkbox"/>	IE3400	192.168.49.21	4.1.2+202207190948	Updatable to 4.1.3+202210041846

**Step 3** Select the sensors you want to update.

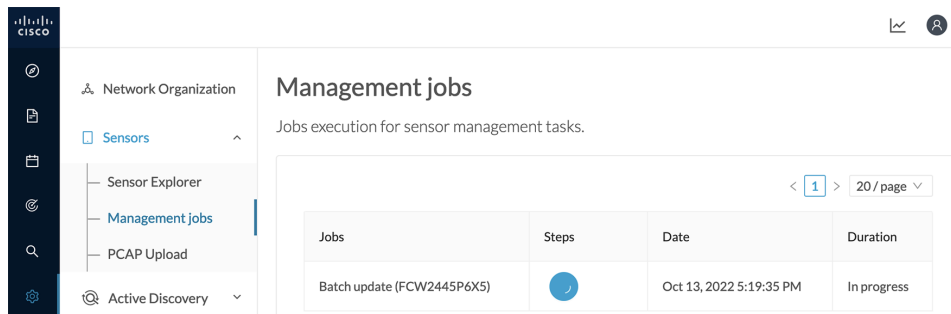
UPDATE CISCO DEVICES

Only sensors deployed with the Sensor Management Extension (except IC3000) are concerned here. They appear only if there is a new version of their application available in the currently installed extension. Please select the sensors to update.


<input checked="" type="checkbox"/>	Label	IP	Version	Target
<input checked="" type="checkbox"/>	IE3400	192.168.49.21	4.1.2+202207190948	Updatable to 4.1.3+202210041846

**Step 4** Click **Update**.

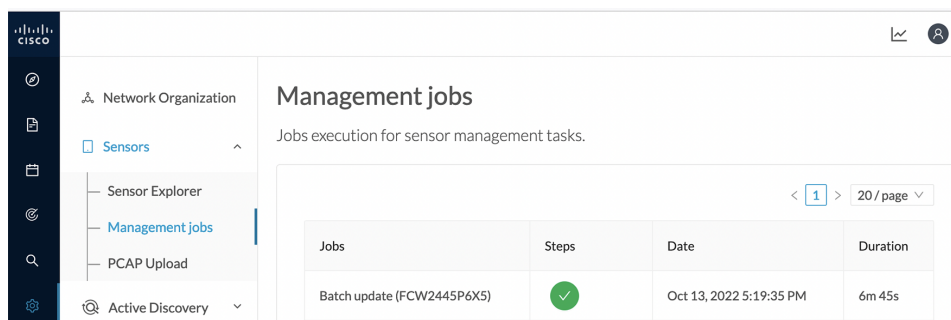
The sensors' update status appear in the Management jobs page in batches per sensor type and of maximum ten sensors per batch.




The screenshot shows the Cisco Management jobs page. The left sidebar contains navigation options: Network Organization, Sensors (expanded), Sensor Explorer, Management jobs (selected), PCAP Upload, and Active Discovery. The main content area is titled "Management jobs" and includes the subtitle "Jobs execution for sensor management tasks." Below this is a table with a pagination control showing page 1 of 20. The table has four columns: Jobs, Steps, Date, and Duration. A single row is visible, representing a batch update for FCW2445P6X5, which is currently in progress, indicated by a blue circular progress icon in the Steps column.

Jobs	Steps	Date	Duration
Batch update (FCW2445P6X5)		Oct 13, 2022 5:19:35 PM	In progress

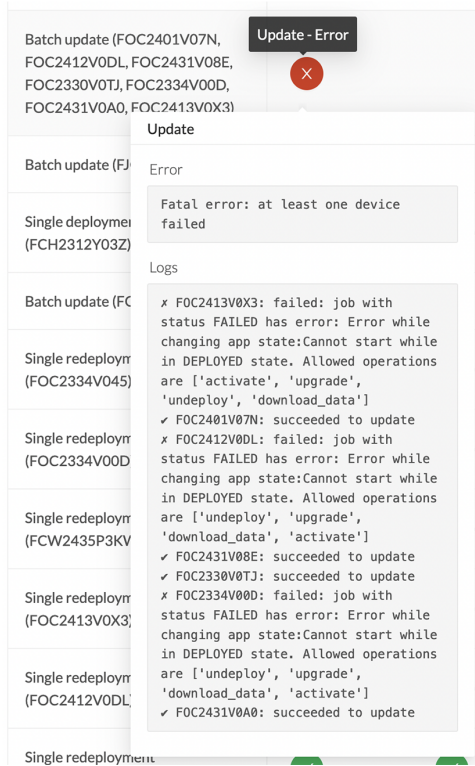
Herebelow the management jobs indicate that the batch of sensors updated successfully.



The screenshot shows the Cisco Management jobs page with the same navigation sidebar. The main content area is titled "Management jobs" and includes the subtitle "Jobs execution for sensor management tasks." Below this is a table with a pagination control showing page 1 of 20. The table has four columns: Jobs, Steps, Date, and Duration. A single row is visible, representing a batch update for FCW2445P6X5, which is now completed successfully, indicated by a green checkmark icon in the Steps column.

Jobs	Steps	Date	Duration
Batch update (FCW2445P6X5)		Oct 13, 2022 5:19:35 PM	6m 45s

If the batch update fails, click the red update error icon to see logs.

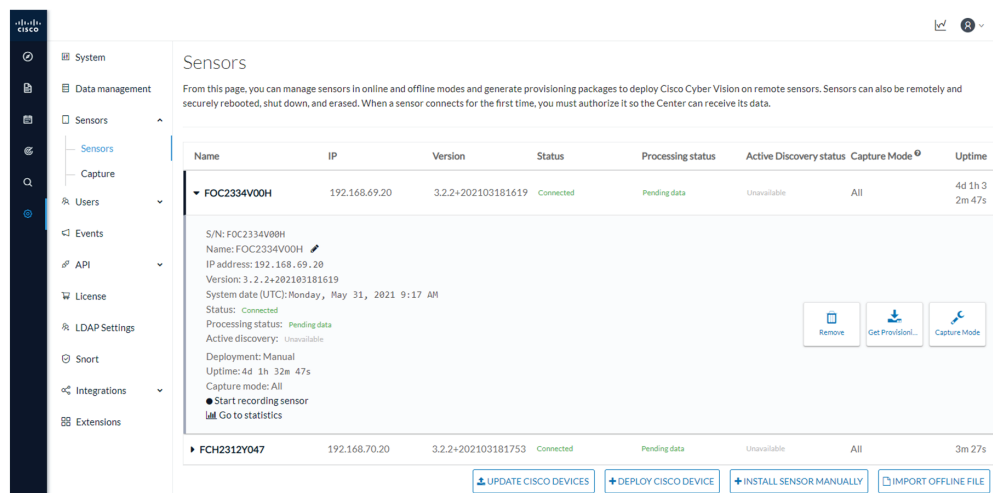


## Upgrade through the IOx Local Manager

The following section explains how to upgrade the sensor through the IOx Local Manager.

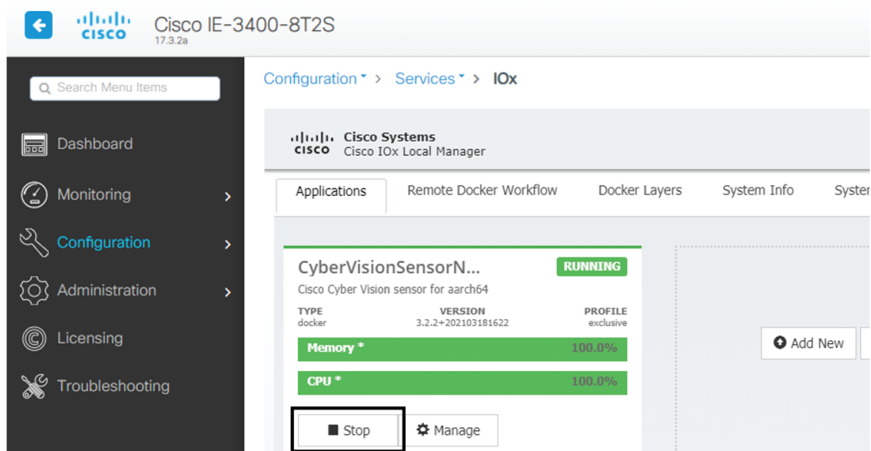
In the example below, the sensor is upgraded from Cisco Cyber Vision version 3.2.2 to version 3.2.3.

**Figure 1: The sensor in version 3.2.2 in the Sensors administration page of Cisco Cyber Vision**

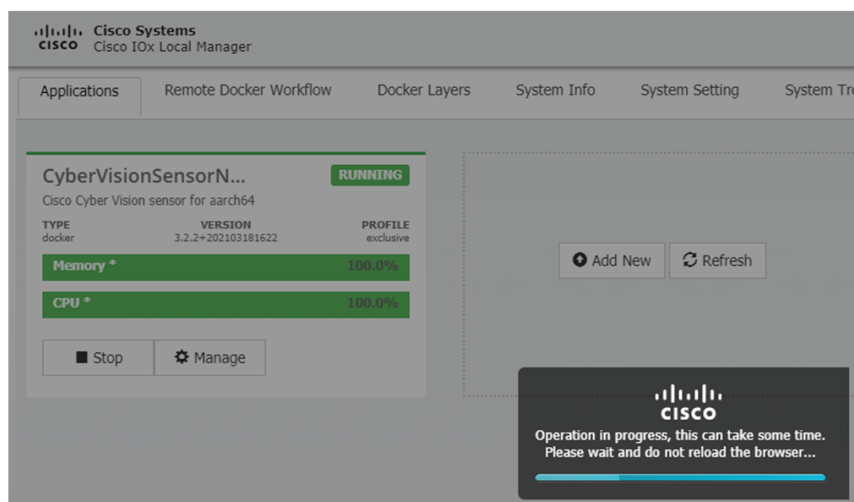




1. Access the IOx Local Manager.
2. Stop the application.



The operation takes a few moments.



The application status switches to STOPPED.

In Cisco Cyber Vision, the sensor status switches to Disconnected.

**Sensors**

From this page, you can manage sensors in online and offline modes and generate provisioning packages to deploy Cisco Cyber Vision on remote sensors. Sensors can also be remotely and securely rebooted, shut down, and erased. When a sensor connects for the first time, you must authorize it so the Center can receive its data.

Name	IP	Version	Status	Processing status	Active Discovery status	Capture Mode	Uptime
FOC2334V00H	192.168.69.20	3.2.2+202103181619	Disconnected	Disconnected	Unavailable	All	N/A
<p>S/N: FOC2334V00H            Name: FOC2334V00H            IP address: 192.168.69.20            Version: 3.2.2+202103181619            System date (UTC): Monday, May 31, 2021 9:20 AM            Status: <b>Disconnected</b>            Processing status: Disconnected            Active discovery: Unavailable            Deployment: Manual            Capture mode: All            Go to statistics</p>							
FCH2312Y047	192.168.70.20	3.2.2+202103181753	Connected	Pending data	Unavailable	All	10m

[UPDATE CISCO DEVICES](#)
[DEPLOY CISCO DEVICE](#)
[INSTALL SENSOR MANUALLY](#)
[IMPORT OFFLINE FILE](#)

3. In the IOx Local Manager, click the **Deactivate** button.

The application status moves to **DEPLOYED**.

4. Click **Upgrade**.

CyberVisionSensorN... **DEPLOYED**

Cisco Cyber Vision sensor for aarch64

TYPE	VERSION	PROFILE
docker	3.2.2+202103181622	exclusive

Memory \* 100.0%

CPU \* 100.0%

Activate
  Upgrade
  Delete

The pop up Upgrade application appears.

**Upgrade application**

Application Id: CyberVisionSensorNetwork

Select Application Archive: Choose File No file chosen

Preserve Application Data

OK Cancel

5. Select the **Preserve Application Data** option.

6. Select the new version of the application archive file.

e.g. CiscoCyberVision-IOx-aarch64-3.2.3.tar

**Upgrade application**

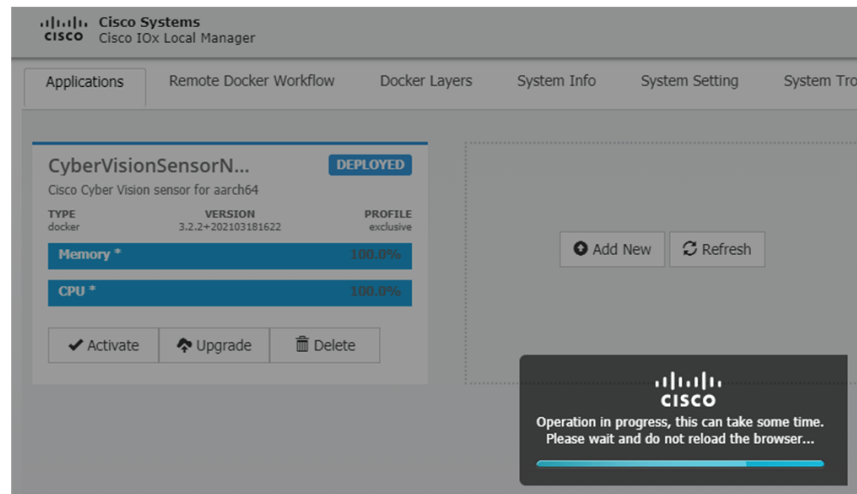
Application Id: CyberVisionSensorNetwork

Select Application Archive: Choose File CiscoCyber...h64-3.2.3.tar

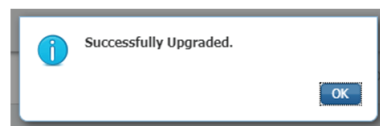
Preserve Application Data

OK Cancel

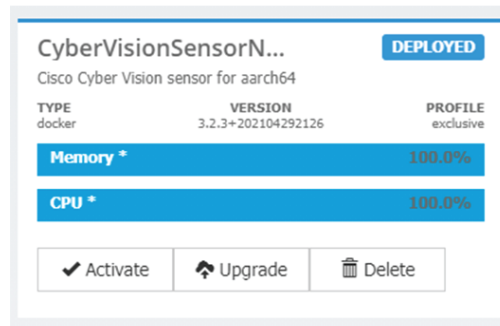
The operation takes a few moments.



A message indicating that the sensor has been successfully upgraded is displayed.



7. Check the number of the new version.
8. Click **Activate**.



9. Check configurations.
10. Click the **Activate App** button.  
The application status moves to **ACTIVATED**.
11. Click the **Start** button.  
The application status changes to **RUNNING**.

In Cisco Cyber Vision, the sensor is upgraded from version 3.2.2 to 3.2.3 and its status moves to Connected.

**Sensors**

From this page, you can manage sensors in online and offline modes and generate provisioning packages to deploy Cisco Cyber Vision on remote sensors. Sensors can also be remotely and securely rebooted, shut down, and erased. When a sensor connects for the first time, you must authorize it so the Center can receive its data.

Name	IP	Version	Status	Processing status	Active Discovery status	Capture Mode <sup>6</sup>	Uptime
▼ FOC2334V00H	192.168.69.20	3.2.3+202104292032	Connected	Pending data	Unavailable	All	4d 1h 49m
<p>S/N: FOC2334V00H            Name: FOC2334V00H            IP address: 192.168.69.20            Version: 3.2.3+202104292032            System date (UTC): Monday, May 31, 2021 9:33 AM            Status: Connected            Processing status: Pending data            Active discovery: Unavailable            Deployment: Manual            Uptime: 4d 1h 49m            Capture mode: All            ● Start recording sensor            📊 Go to statistics</p> <p>Remove Get Provision... Capture Mode</p>							
▶ FCH2312Y047	192.168.70.20	3.2.2+202103181753	Connected	Pending data	Unavailable	All	19m 34s

UPDATE CISCO DEVICES DEPLOY CISCO DEVICE INSTALL SENSOR MANUALLY IMPORT OFFLINE FILE

## Certificate renewal

The certificates generated by Cisco Cyber Vision have a validity of two years.

Sensor certificates must be renewed manually. The procedure used differs whether the certificate is already expired or not and whether the sensor has been deployed using the sensor management extension.

- If the certificate is still valid, refer to [Sensor certificate renewal, on page 16](#).
- If the sensor was deployed with the sensor management extension, refer to [Sensor certificate renewal, on page 16](#).
- If the certificate is outdated, and was deployed manually, refer to [Sensor certificate renewal through the Local Manager, on page 20](#).

## Sensor certificate renewal

The following procedure applies to:

- Sensors deployed with the sensor management extension, whether the certificate expiration date is exceeded or not (i.e. the deployment method is indicated in the sensor's right side panel).

The screenshot shows the 'Sensor Explorer' page. At the top right, there is a red banner for 'System Issues Actions required'. Below it, the sensor 'FOC2330V0T0' is selected. A yellow warning box indicates '2 sensor certificates expired'. The main area contains a table of sensors and a detailed view for the selected sensor.

	Label	IP Address	Version
<input type="checkbox"/>	FCH2309Y01Z	192.168.49.23	4.2.2+202306261711
<input type="checkbox"/>	FCW2445P6X5	192.168.49.21	4.2.2+202306261519
<input type="checkbox"/>	FOC2330V0T0	192.168.49.41	4.2.2+202306261519

**Sensor Details for FOC2330V0T0:**

- Label: FOC2330V0T0
- Serial Number: FOC2330V0T0
- IP address: 192.168.49.41
- Version: 4.2.2+202306261519
- System date: Jul 6, 2023 11:26:00 AM
- Deployment: Sensor Management Extension
- Active Discovery: Unavailable
- Capture mode: All
- System Health: Status: Connected, Processing status: Normally processing, Uptime: 18 hours

Buttons available: Install sensor, Manage Cisco devices, Organize, Go to statistics, Start Recording, Move to, Capture mode, Redeploy, Uninstall.

- In the case of sensors deployed manually, it only applies if the sensors certificate have not expired yet (i.e. the sensor certificate status is Expire Soon).

If sensors have been deployed manually and the certificate expiration date is exceeded, refer to [Sensor certificate renewal through the Local Manager, on page 20](#).

## Procedure

### Step 1

In Cisco Cyber Vision, navigate to Admin > Sensors > Sensor Explorer or click the top banner alert to access the Sensor Explorer page directly.

The screenshot shows a system alert notification box. At the top, there is a red banner for 'System Issues Actions required'. Below it, the alert text reads: '2 sensors certificates expired. Please renew them in: Sensor explorer'.

Another alert is displayed.

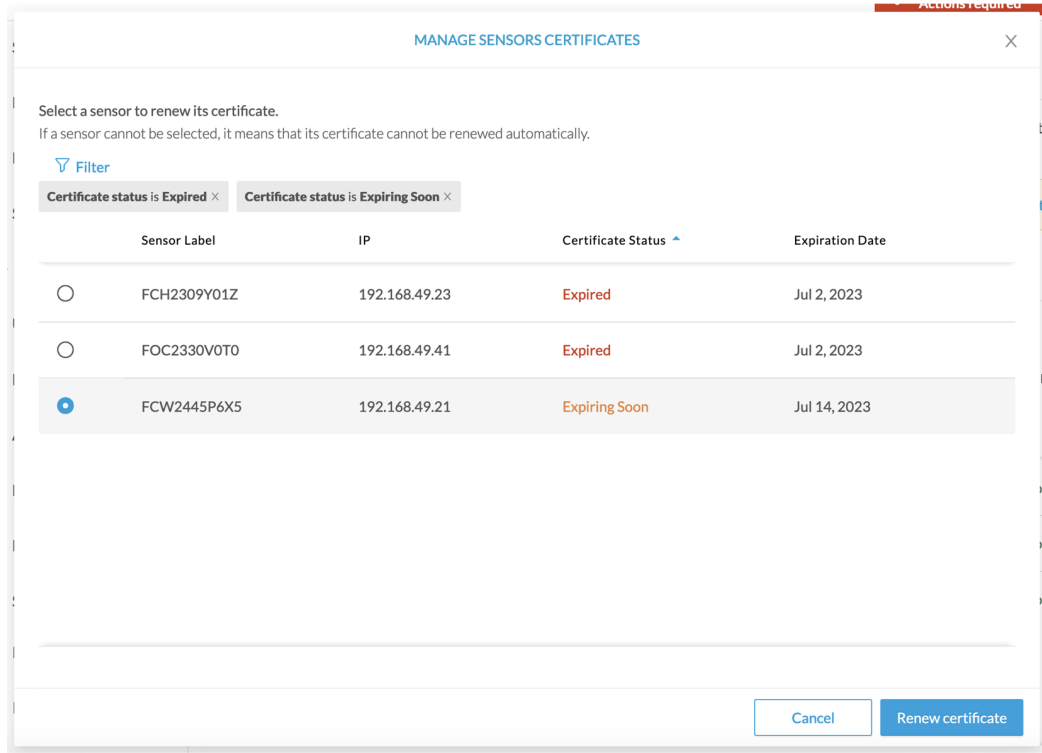
The screenshot shows the Cisco Sensor Explorer interface. On the left is a navigation sidebar with options like System, Data Management, Network Organization, Sensors, Active Discovery, Users, Events, API, License, External Authentication, and Snort. The main content area is titled "Sensor Explorer" and includes a notification banner: "2 sensor certificates expired and 1 will expire soon" with a "Manage certificates" link. Below the notification are buttons for "Install sensor", "Manage Cisco devices", and "Organize". A table titled "Folders and sensors (3)" lists three sensors with columns for Label, IP Address, Version, Location, Health status, and Processing status.

Label	IP Address	Version	Location	Health status	Processing status
FCH2309Y01Z	192.168.49.23	4.2.2+202306261711		Connected	Normally pro
FCW2445P6X5	192.168.49.21	4.2.2+202306261519		Connected	Normally pro
FOC2330V0T0	192.168.49.41	4.2.2+202306261519		Connected	Normally pro

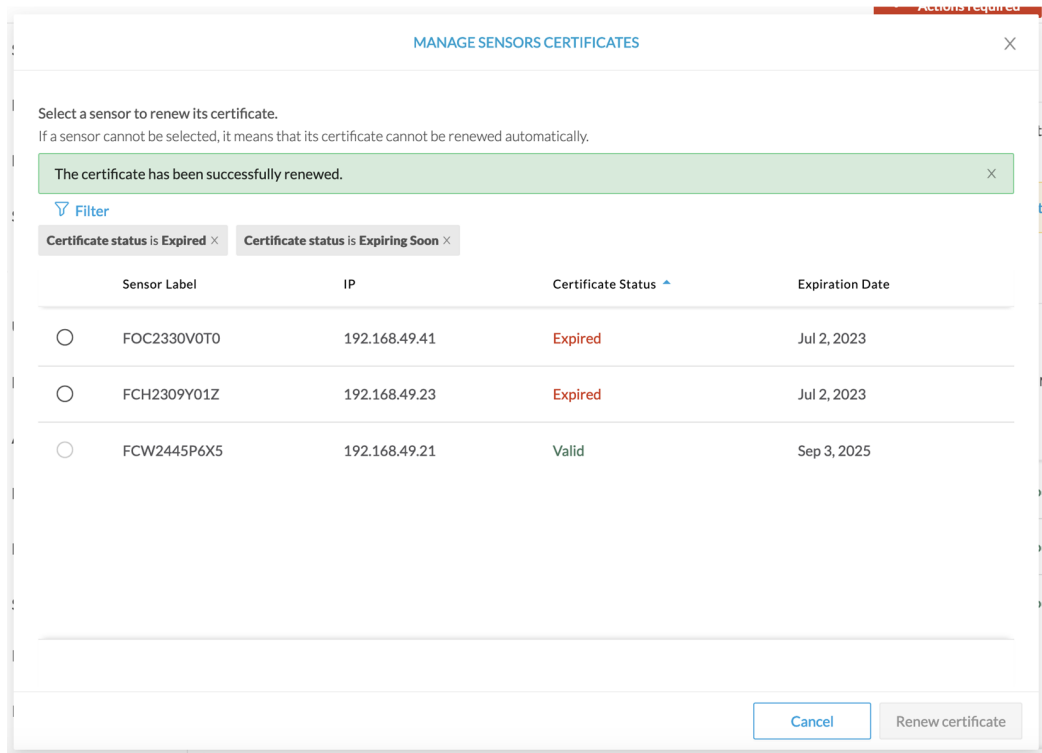
**Step 2** Click **Manage certificates** in the alert or **Manage Cisco devices > Manage certificates**.

This screenshot shows the same Cisco Sensor Explorer interface as above, but with a dropdown menu open over the "Manage Cisco devices" button. The dropdown menu contains three options: "Update Cisco devices", "Manage credentials", and "Manage certificates". The "Manage certificates" option is highlighted with a black border. The notification banner and table from the previous screenshot are also visible.

The **Manage sensors certificates** window opens.



- Step 3** Select the sensor with the status Expiring Soon.
- Step 4** Click **Renew certificate**.



The certificate is renewed and automatically sent to the sensor. Its status switches to Valid and the new expiration date appears.

## Sensor certificate renewal through the Local Manager

In case of certificate expiration, communication with the sensor is no longer possible if it was deployed manually (i.e. without the sensor management extension). In this case, the certificate is renewed by sending it to the sensor manually. As the certificate is part of the provisioning package, the action consists in generating the provisioning package and sending it to the sensor application through the Local Manager.

The screenshot displays the Cisco Cyber Vision Sensor Explorer interface. At the top right, a red notification banner indicates "System issues Action required". The main content area is split into two panels. The left panel, titled "Sensor Explorer", shows a notification "1 sensor certificate expired" and a table of "Folders and sensors (3)". The right panel shows details for sensor "FCH2309Y01Z".

**Notification:** 1 sensor certificate expired

**Actions:** Install sensor, Manage Cisco devices, Organize

**Folders and sensors (3)**

Label	IP Address	Version
FCH2309Y01Z	192.168.49.23	4.2.2+202306261711
FCW2445P6X5	192.168.49.21	4.2.2+202306261519
FOC2330V0T0	192.168.49.41	4.2.2+202306261519

**Sensor Details (FCH2309Y01Z):**

- Label: FCH2309Y01Z
- Serial Number: FCH2309Y01Z
- IP address: 192.168.49.23
- Version: 4.2.2+202306261711
- System date: Jul 6, 2023 11:28:44 AM
- Deployment: Manual
- Active Discovery: Disabled
- Capture mode: All
- System Health: Status: Connected, Processing status: Normally processing, Uptime: 18 hours

**Actions:** Go to statistics, Start Recording, Move to, Download package, Capture mode, Enable IDS, Reboot, Shutdown, Uninstall

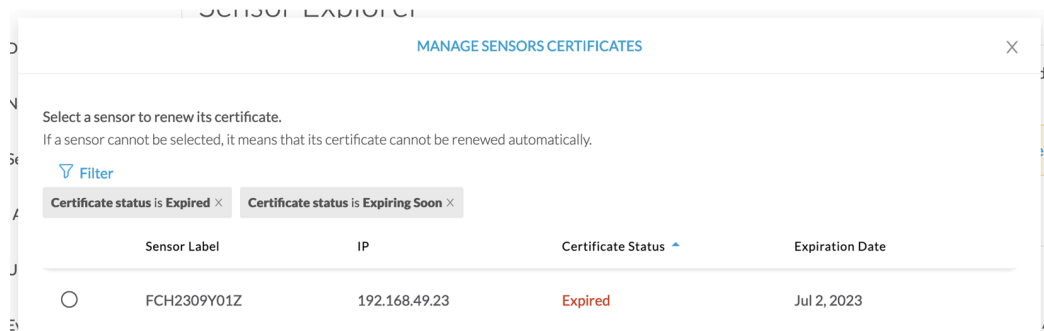
### Procedure

**Step 1** In Cisco Cyber Vision, navigate to Admin > Sensors > Sensor Explorer.

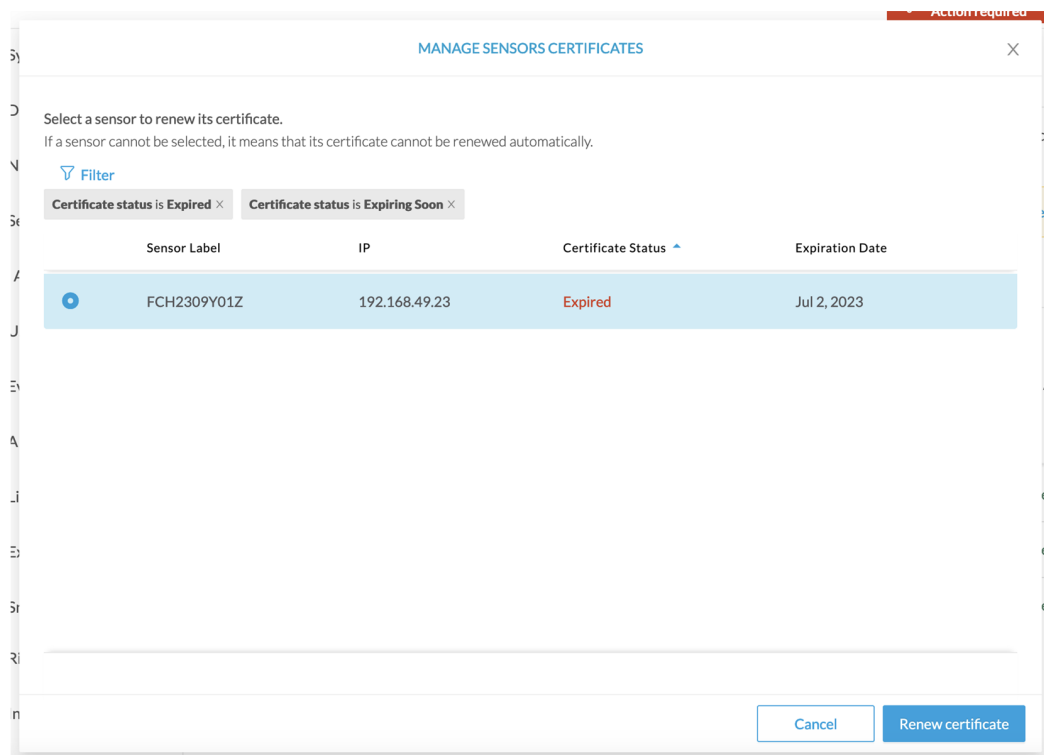
**Step 2** Click **Manage Certificates**.

The Manage sensors certificates window appears.

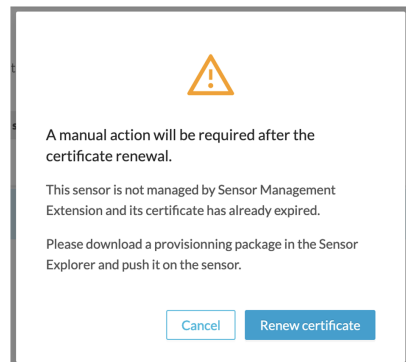




**Step 3** Select the sensor and click **Renew Certificate**.

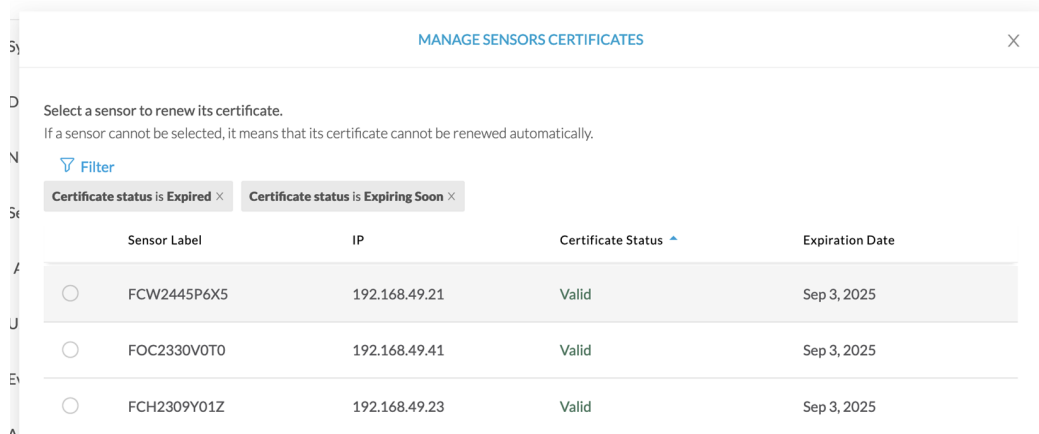


A message is displayed.



**Step 4** Click **Renew certificate** again.

The sensor certificate status appears as valid.



**Step 5** Close the Manage sensors certificates window.

The sensor's health and processing status appear as Disconnected.

## Sensor Explorer

From this page, you can explore and manage sensors and sensors folders. Sensors can be remotely and securely rebooted, shut down, and erased. When a sensor connects for the first time, you must authorize it so the Center can receive its data.

[+ Install sensor](#) [? Manage Cisco devices](#) [📁 Organize](#)

### Folders and sensors (3)


[Filter](#) 0 Selected Move selection to [More Actions](#) As of: Jul 6, 2023 11:41 AM [Refresh](#)

<input type="checkbox"/>	Label	IP Address	Version	Location	Health status	Processing status	Active Di
<input type="checkbox"/>	☞ FCH2309Y01Z	192.168.49.23	4.2.2+202306261711		Disconnected	Disconnected	Disa
<input type="checkbox"/>	☞ FCW2445P6X5	192.168.49.21	4.2.2+202306261519		Connected	Normally processing	Una
<input type="checkbox"/>	☞ FOC2330V0T0	192.168.49.41	4.2.2+202306261519		Connected	Normally processing	Una

**Step 6** Click the sensor in the list.




Its right side panel opens.

**Step 7** Click the **Download package** button.





## Sensor Explorer


From this page, you can explore and manage sensors and sensors folders. Sensors can be added, removed, or deleted. When a sensor connects for the first time, you must authorize it so the C...

 Install sensor
 Manage Cisco devices
 Organize

### Folders and sensors (3)

 Filter    0 Selected    Move selection to     More Actions

	Label	IP Address	Version	Lo
<input type="checkbox"/>	FCH2309Y01Z	192.168.49.23	4.2.2+202306261711	
<input type="checkbox"/>	FCW2445P6X5	192.168.49.21	4.2.2+202306261519	
<input type="checkbox"/>	FOC2330V0T0	192.168.49.41	4.2.2+202306261519	

Label: FCH2309Y01Z 

Serial Number: FCH2309Y01Z

IP address: 192.168.49.23

Version: 4.2.2+202306261711

System date: Jul 6, 2023 11:36:49 AM

Deployment: Manual

Active Discovery: Disabled

Capture mode: All


**System Health**


Status: Disconnected


Processing status: Disconnected


Uptime: N/A


[Go to statistics](#)


 Move to

 Download package

 Reboot

 Uninstall

 Enable IDS

 Shutdown

**Step 8****Step 9****Step 10**

Import the provisioning package in the Local Manager. To do so, refer to [Import the provisioning package](#)

The sensor's health status switches to Connected and its processing status to Normally processing.










## Sensor Explorer

From this page, you can explore and manage sensors and sensors folders. Sensors can be remotely and securely rebooted, shut down, and erased. When a sensor connects for the first time, you must authorize it so the Center can receive its data.

 Install sensor
  Manage Cisco devices
  Organize

### Folders and sensors (3)

 Filter
 0 Selected
Move selection to
[More Actions](#) 
As of: Jul 6, 2023 11:56 AM 

<input type="checkbox"/>	Label	IP Address	Version	Location	Health status 	Processing status	Active Di:
<input type="checkbox"/>	 FCH2309Y01Z	192.168.49.23	4.2.2+202306261711		Connected	Normally processing	Disal
<input type="checkbox"/>	 FCW2445P6X5	192.168.49.21	4.2.2+202306261519		Connected	Normally processing	Unav
<input type="checkbox"/>	 FOC2330V0T0	192.168.49.41	4.2.2+202306261519		Connected	Normally processing	Unav