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.

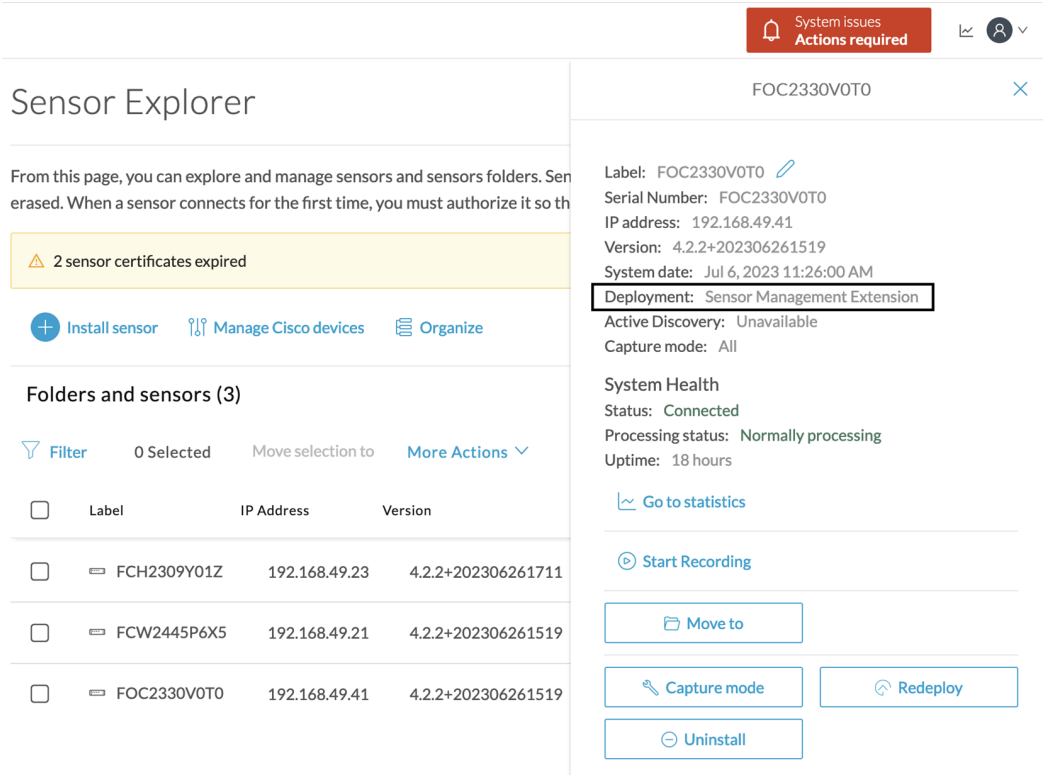
- If the certificate is still valid, refer to Sensor certificate renewal, on page 1.
- If the sensor was deployed with the sensor management extension, refer to Sensor certificate renewal, on page 1.
- If the certificate is outdated, and was deployed manually, refer to Sensor certificate renewal through the Local Manager, on page 5.

- Sensor certificate renewal, on page 1
- Sensor certificate renewal through the Local Manager, on page 5

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).

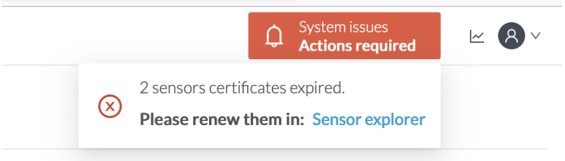


- In the case of sensors deployed manually, it only applies if the sensors certificate have not expired yet (i.e. the sensor certificate status is Expire Soon).

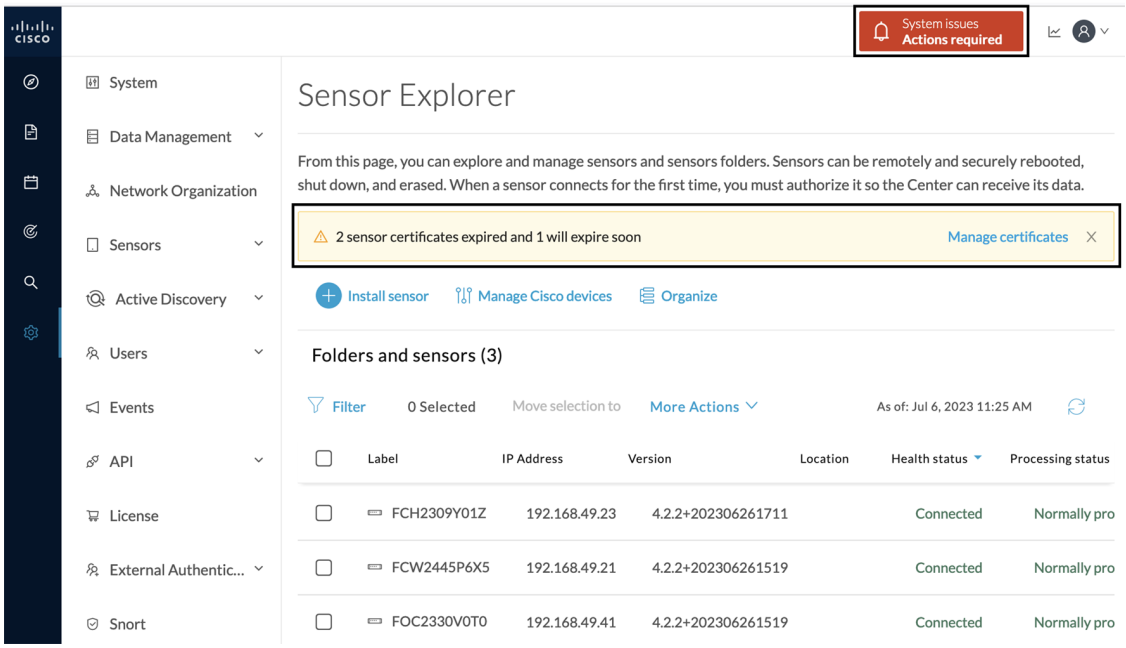
If sensors have been deployed manually and the certificate expiration date is exceeded, refer to Sensor certificate renewal through the Local Manager, on page 5.

Procedure

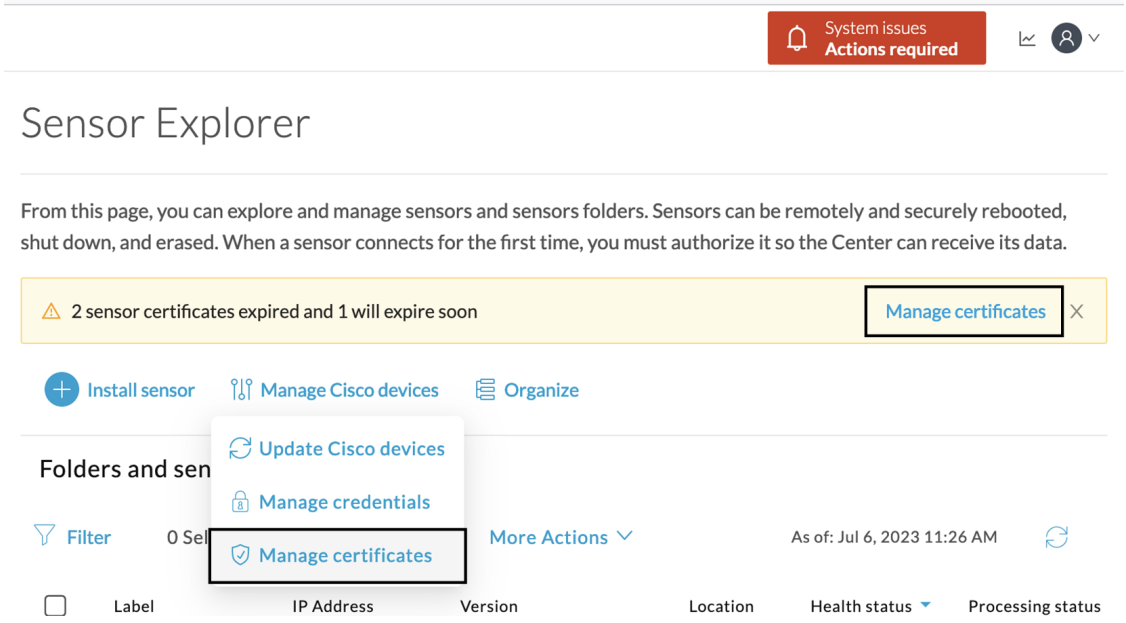
Step 1 In Cisco Cyber Vision, navigate to Admin > Sensors > Sensor Explorer or click the top banner alert to access the Sensor Explorer page directly.



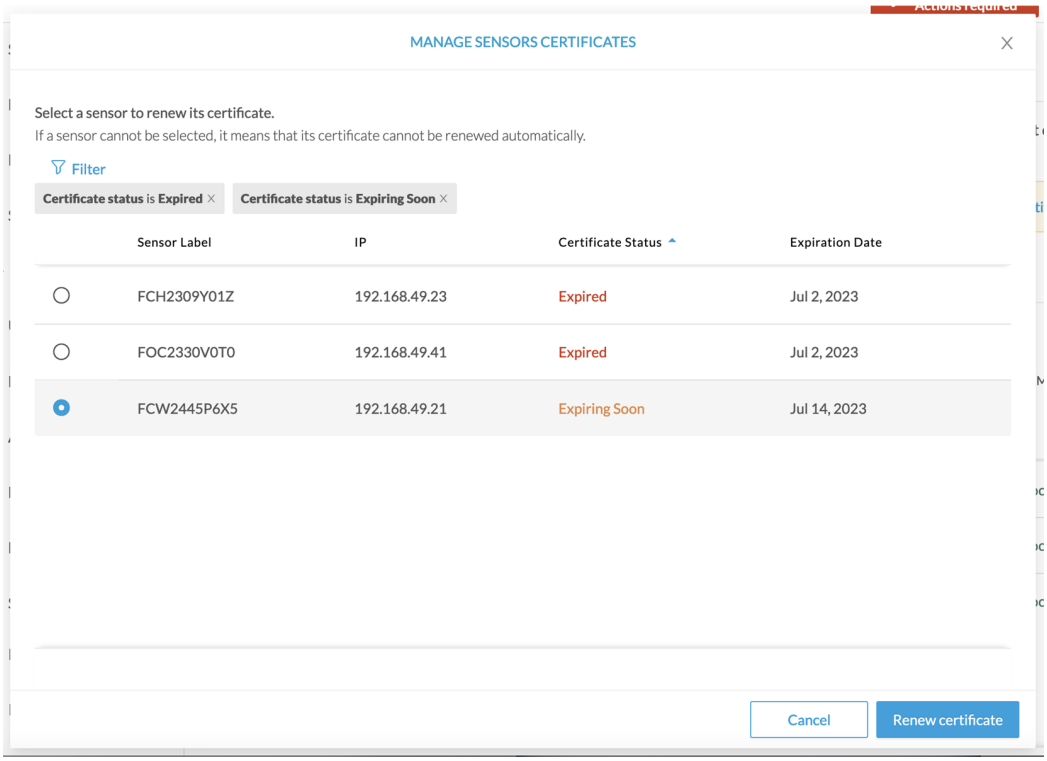
Another alert is displayed.



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

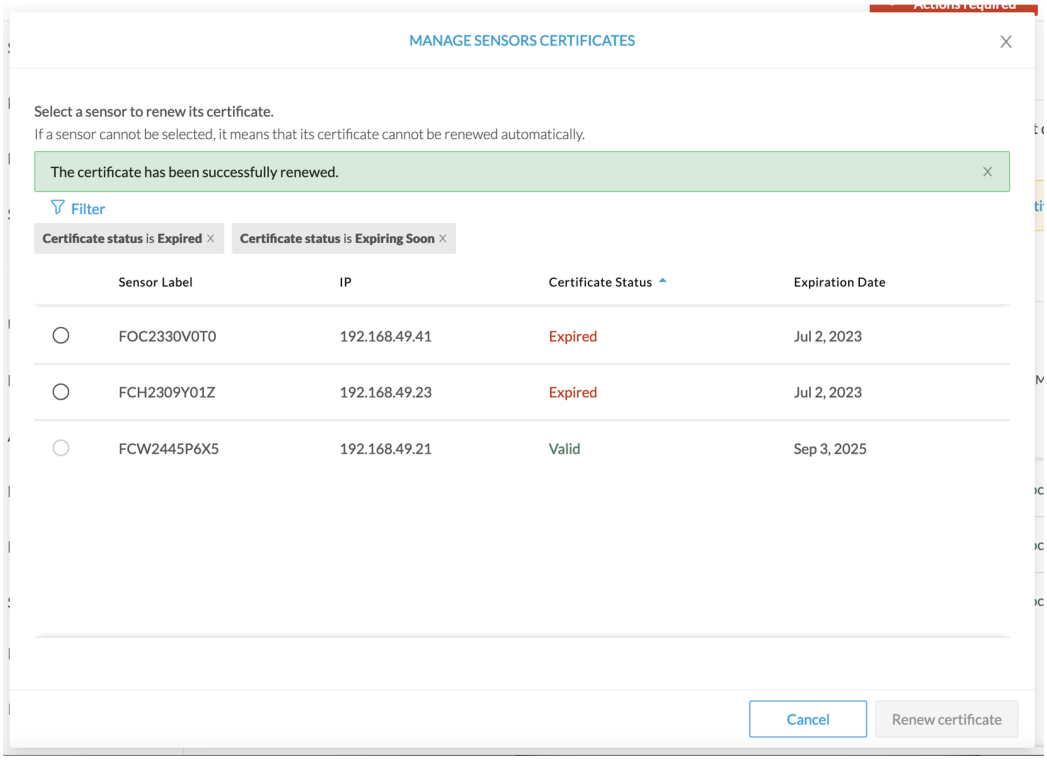


The **Manage sensors certificates** window opens.



Step 3 Select the sensor with the status Expiring Soon.

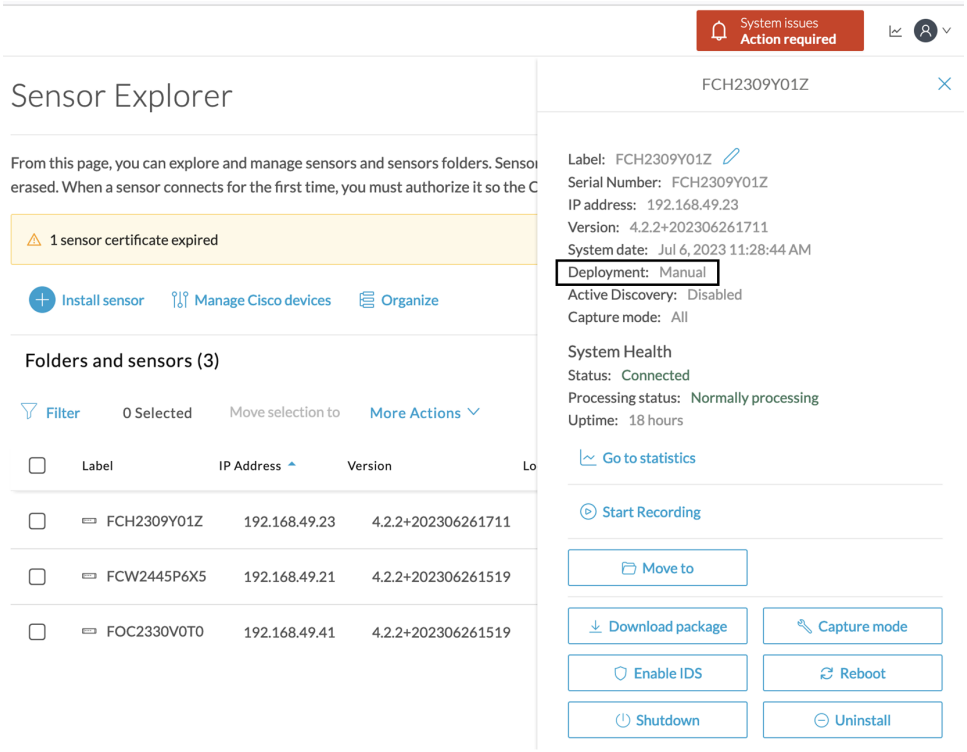
Step 4 Click **Renew certificate**.



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.

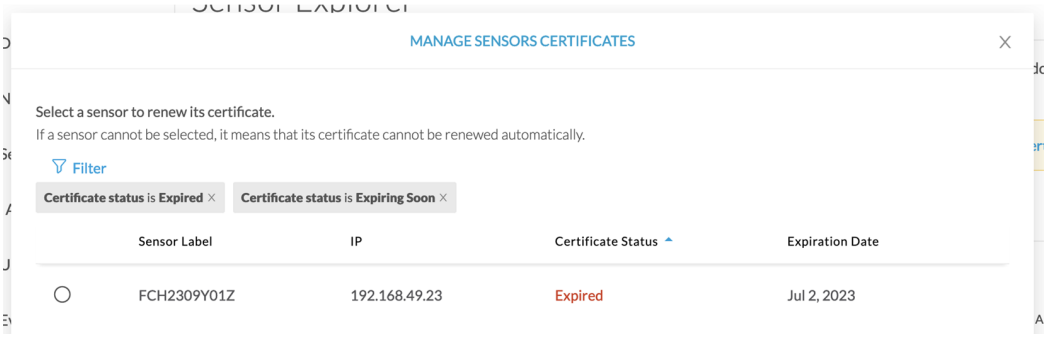


Procedure

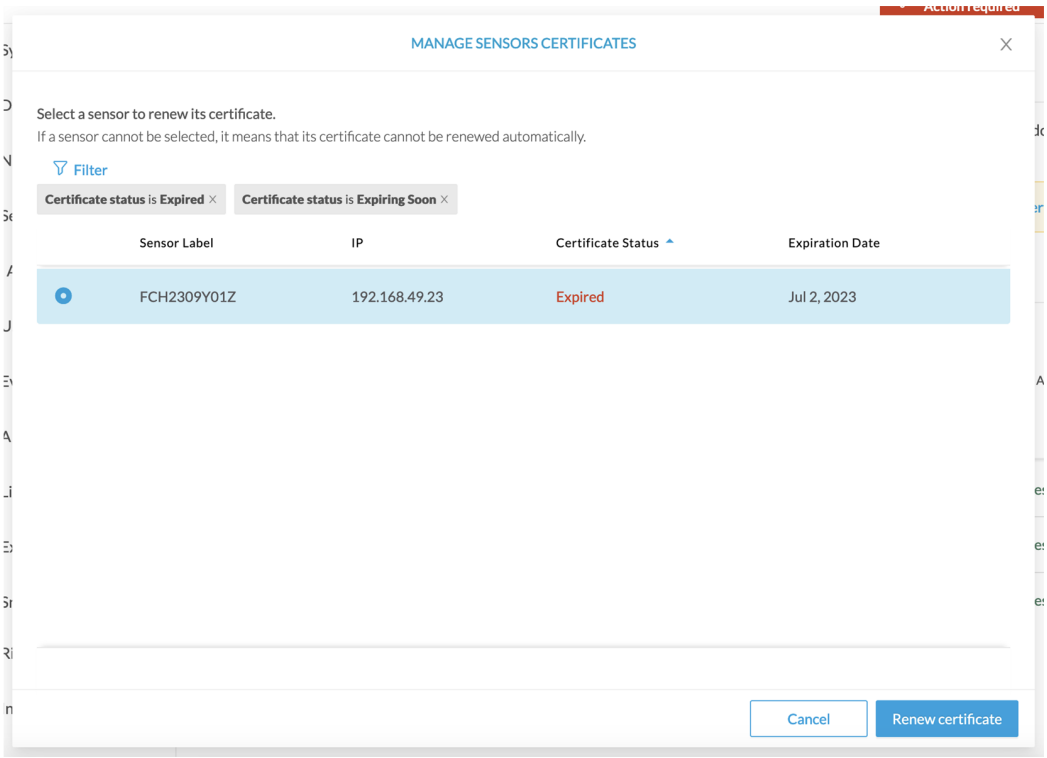
Step 1 In Cisco Cyber Vision, navigate to Admin > Sensors > Sensor Explorer.

Step 2 Click **Manage Certificates**.

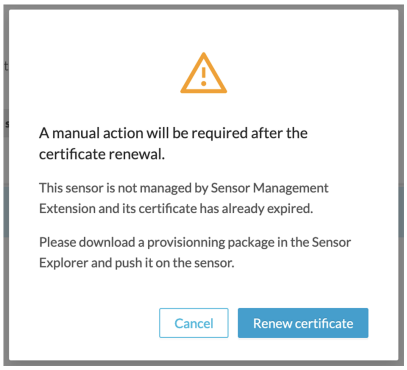
The Manage sensors certificates window appears.



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

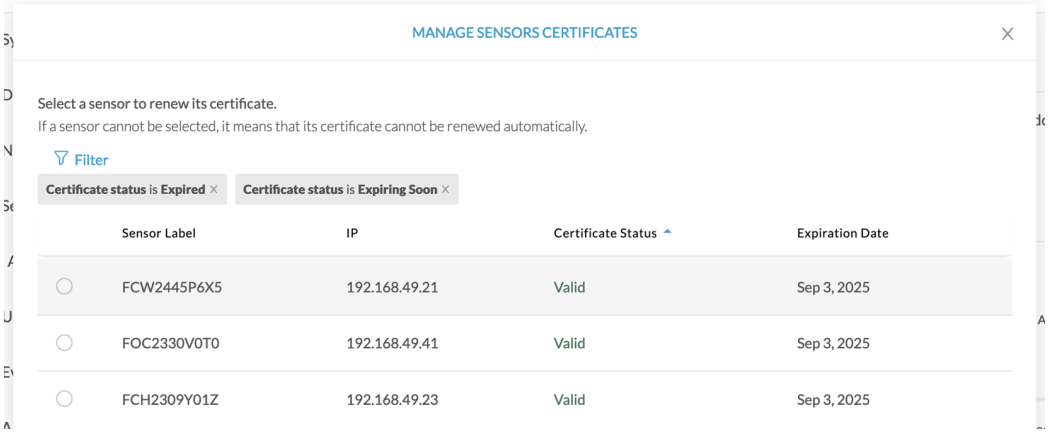


A message is displayed.



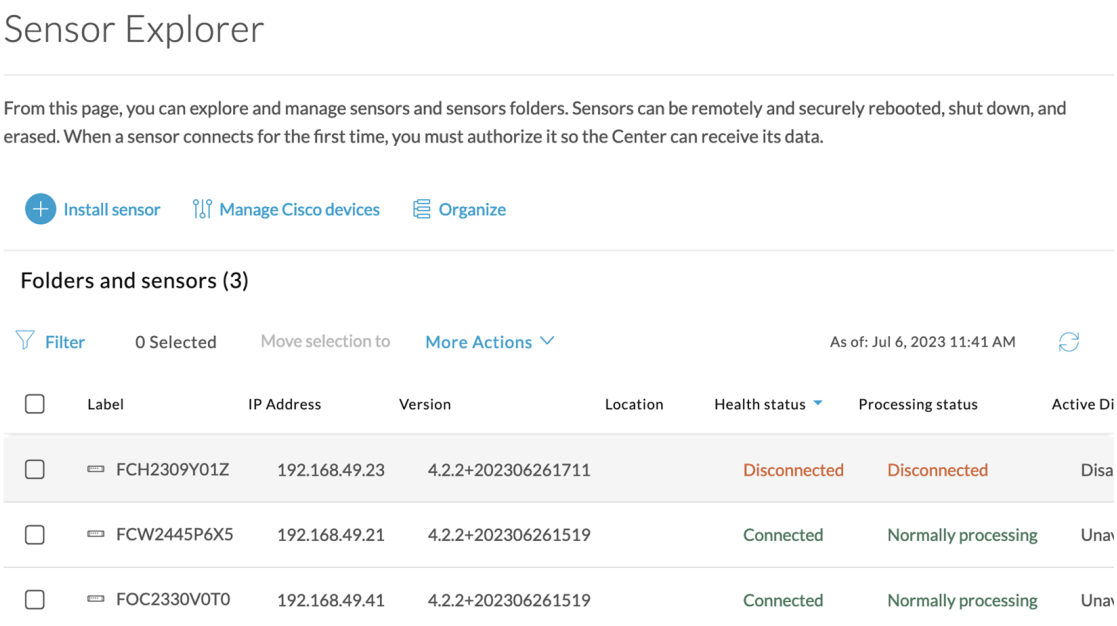
Step 4 Click **Renew certificate** again.

The sensor certificate status appears as valid.



Step 5 Close the Manage sensors certificates window.

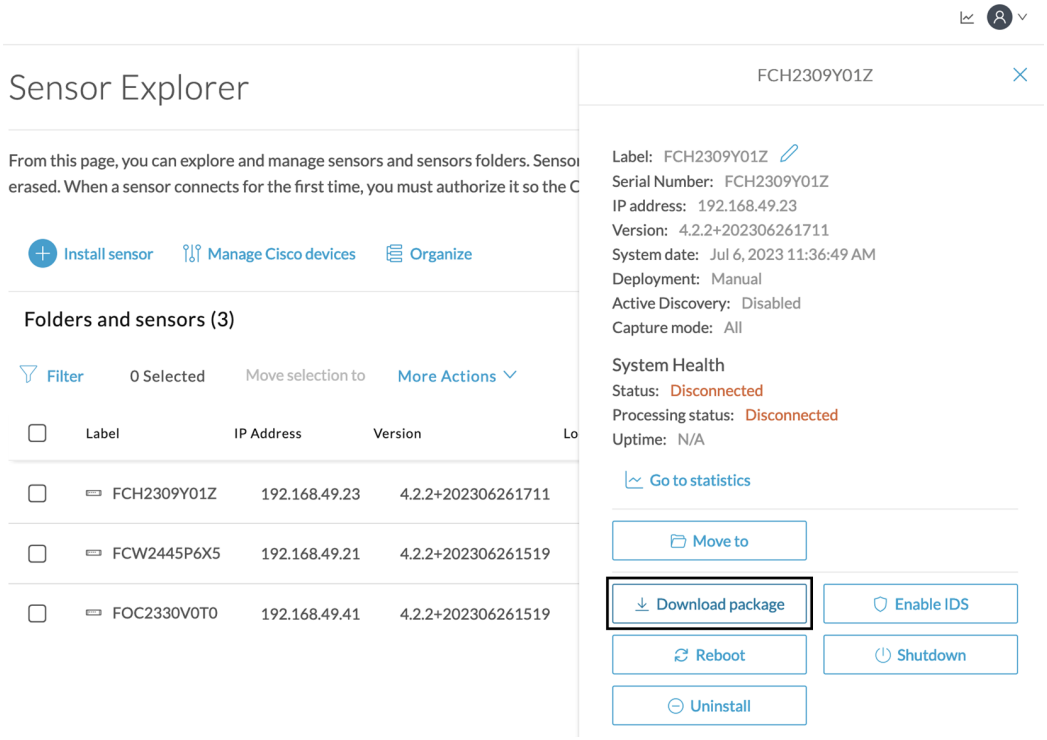
The sensor's health and processing status appear as Disconnected.



Step 6 Click the sensor in the list.

Its right side panel opens.

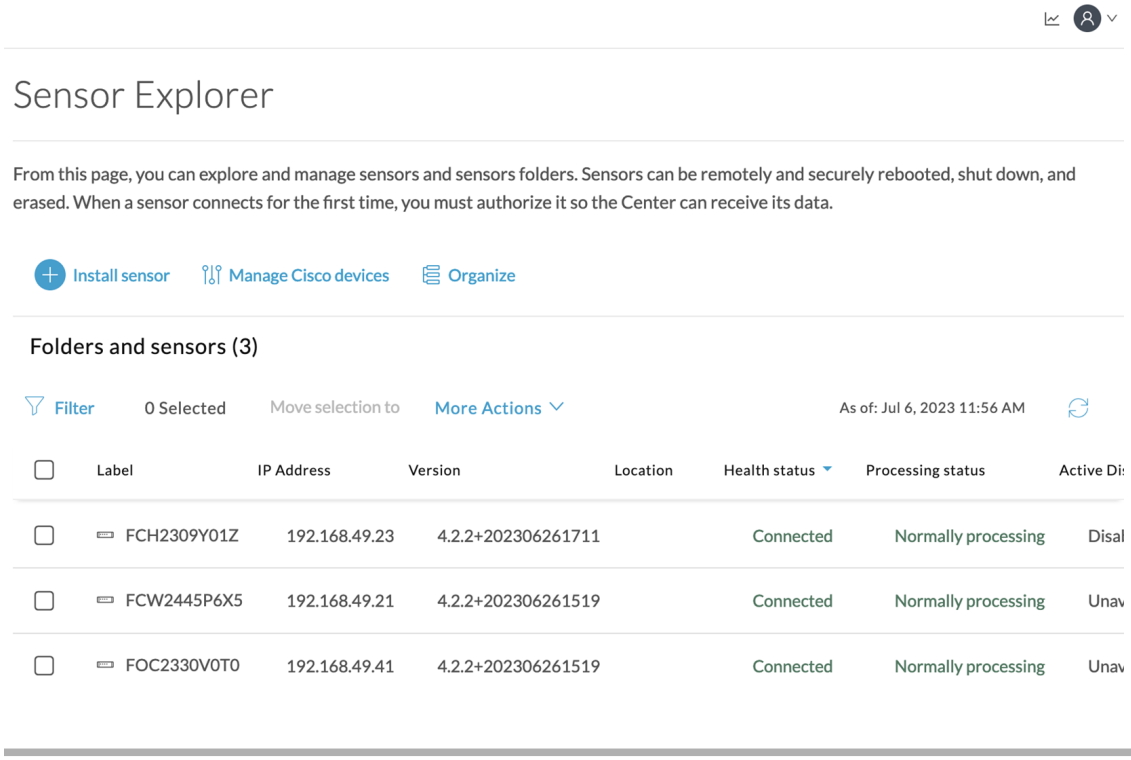
Step 7 Click the **Download package** button.



Step 8

Step 9 Import the provisioning package in the Local Manager. To do so, refer to Import the provisioning package

Step 10 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
Label
IP Address
Version
Location
Health status
Processing status
Active Di
FCH2309Y01Z
192.168.49.23
4.2.2+202306261711
Connected
Normally processing
Disal
FCW2445P6X5
192.168.49.21
4.2.2+202306261519
Connected
Normally processing
Unav
FOC2330V0T0
192.168.49.41
4.2.2+202306261519
Connected
Normally processing
Unav