Upgrade procedures

Upgrade through the Cisco Cyber Vision sensor management extension

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

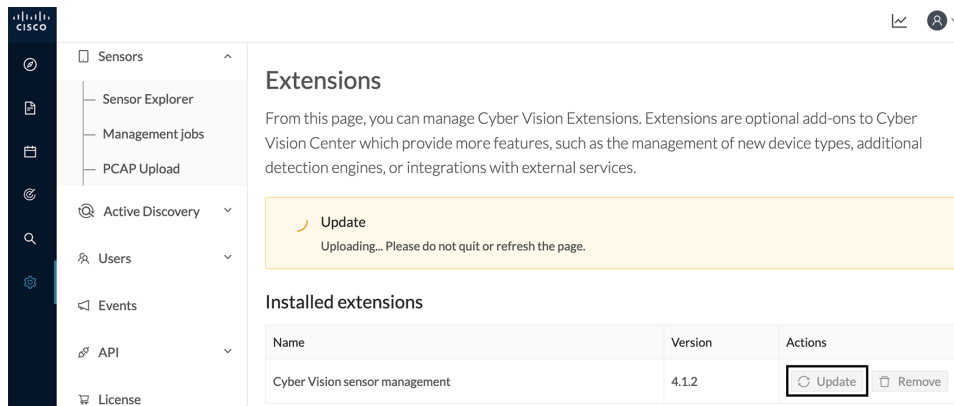It is possible to select which sensors to update. The update status will be visible in the Management jobs page.

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.

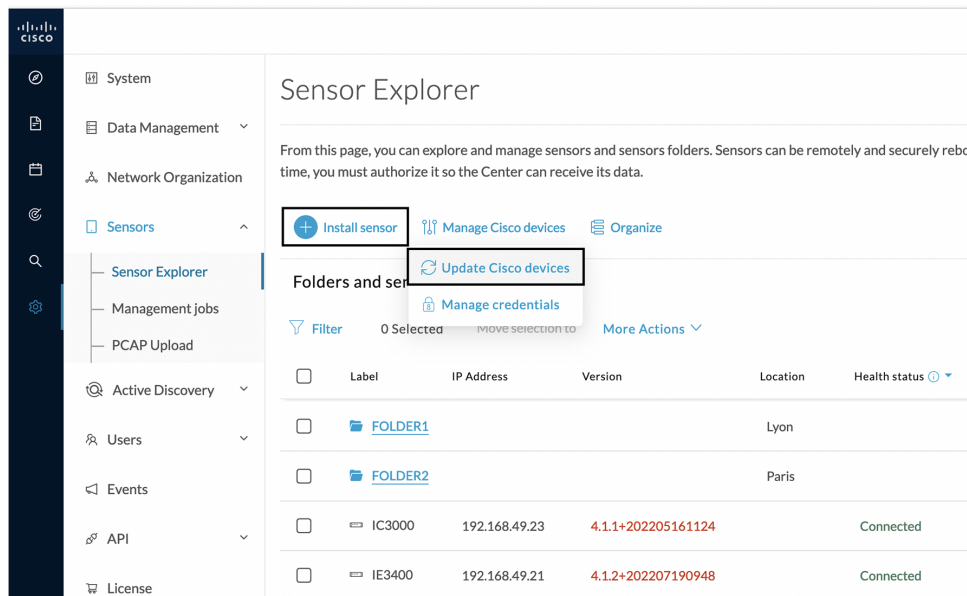**Step 3**   Click **Update** to browse the new version of the extension file.

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**.

The update Cisco devices window pops up listing all sensors that have been deployed with the sensor management extension.
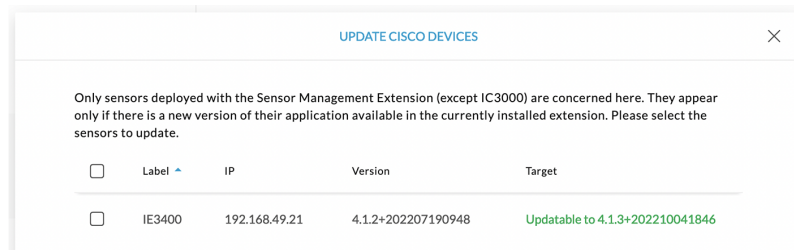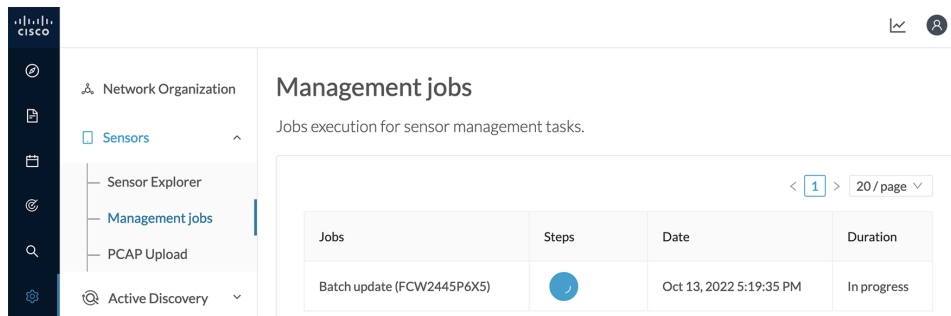
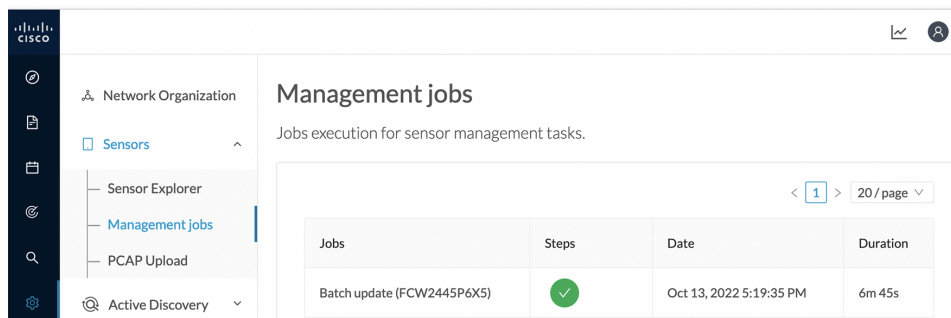**Step 3**   Select the sensors you want to update.
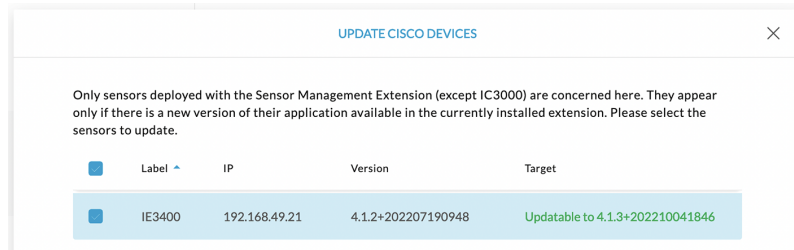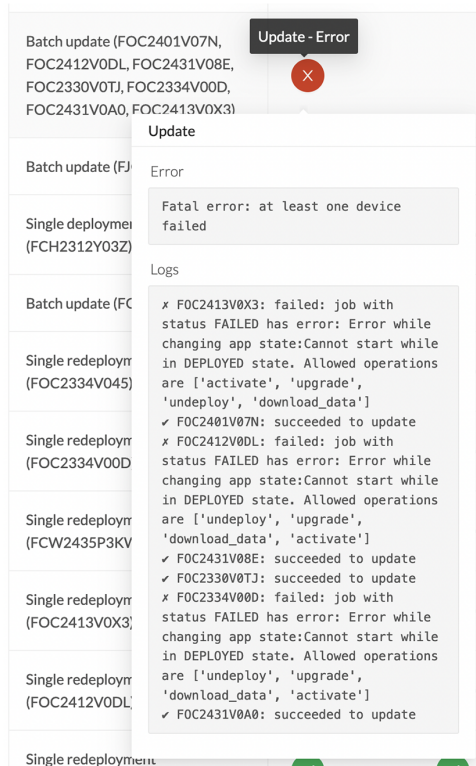

Step 4   Click **Update**.

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

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

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

Batch update (FOC2401V07N,
FOC2412V0DL, FOC2431V08E,
FOC2330V0TJ, FOC2334V00D,
FOC2431V0A0, FOC2413V0X3)

Update - Error
✕

Batch update (FJ

Update

Single deploymer
(FCH2312Y03Z)

Error

```
Fatal error: at least one device
failed
```

Batch update (FC

Logs

Single redeploym
(FOC2334V045)

Single redeploym
(FOC2334V00D

Single redeploym
(FCW2435P3KV

Single redeploym
(FOC2413V0X3)

Single redeploym
(FOC2412V0DL)

```
✗ FOC2413V0X3: failed: job with
  status FAILED has error: Error while
  changing app state:Cannot start while
  in DEPLOYED state. Allowed operations
  are ['activate', 'upgrade',
  'undeploy', 'download_data']
✔ FOC2401V07N: succeeded to update
✗ FOC2412V0DL: failed: job with
  status FAILED has error: Error while
  changing app state:Cannot start while
  in DEPLOYED state. Allowed operations
  are ['undeploy', 'upgrade',
  'download_data', 'activate']
✔ FOC2431V08E: succeeded to update
✔ FOC2330V0TJ: succeeded to update
✗ FOC2334V00D: failed: job with
  status FAILED has error: Error while
  changing app state:Cannot start while
  in DEPLOYED state. Allowed operations
  are ['undeploy', 'upgrade',
  'download_data', 'activate']
✔ FOC2431V0A0: succeeded to update
```

Single redeployment

Upgrade through the IOx Local Manager

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

✎

Note In the case of Cisco Cyber Vision upgrade for an IR8340 from a release 4.1.2 or lower to a release 4.1.3, the update will fail due to the addition of the RSPAN option. The sensor application must be removed and deployed again.

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.
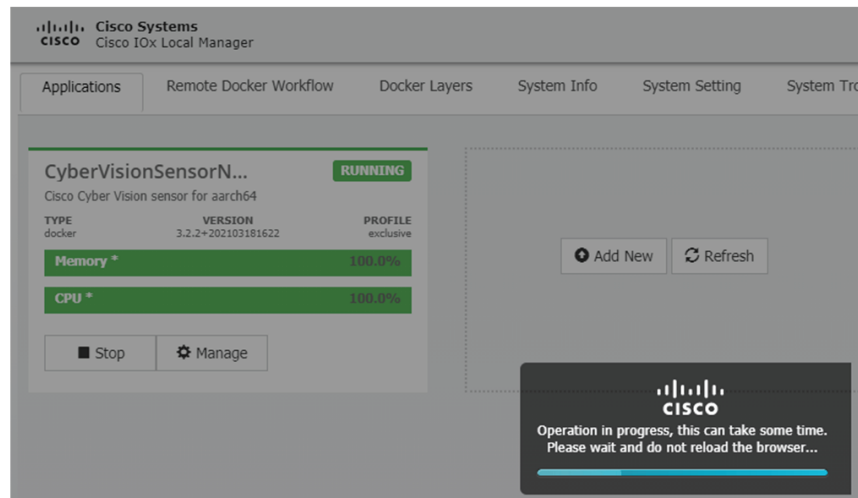
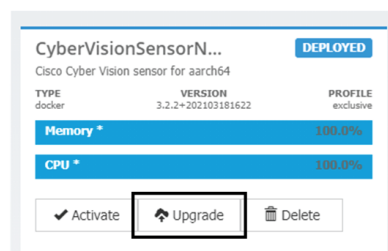The application status switches to STOPPED.

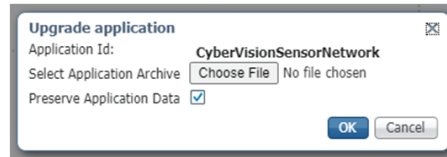In Cisco Cyber Vision, the sensor status switches to Disconnected.
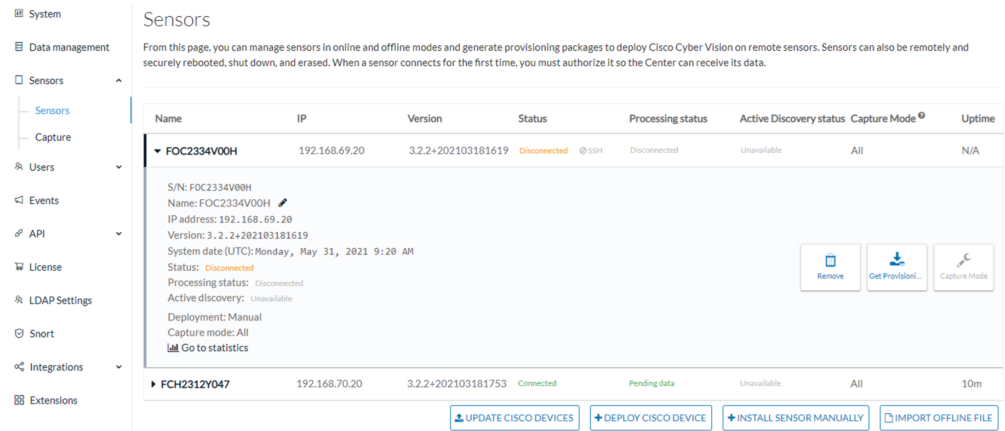
3. In the IOx Local Manager, click the **Deactivate** button.
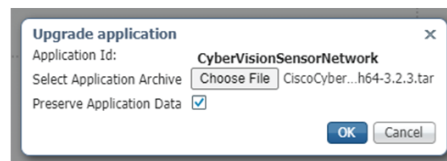
The application status moves to DEPLOYED.
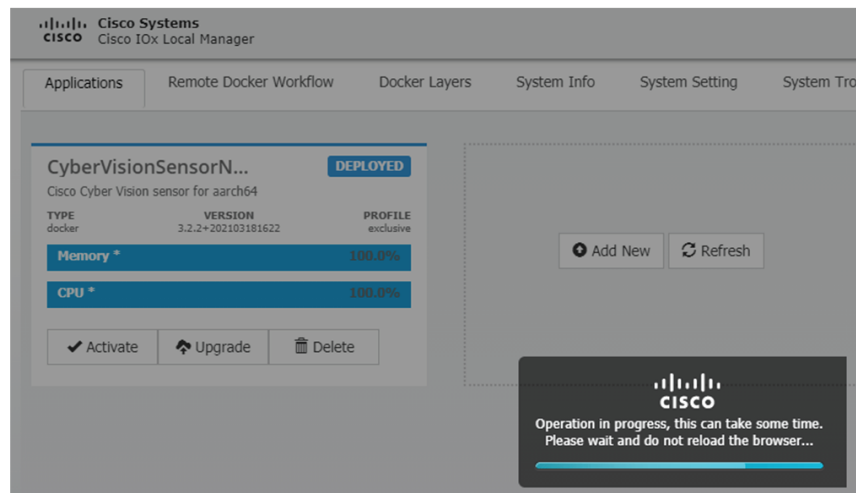
4. Click **Upgrade**.
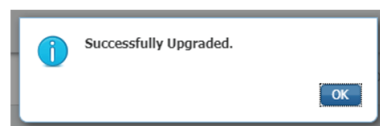
The pop up Upgrade application appears.

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

6.   Select the new version of the application archive file.
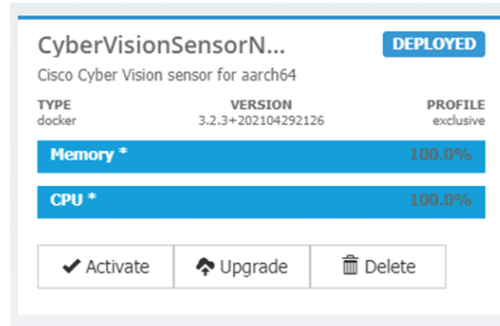
e.g. CiscoCyberVision-IOx-aarch64-3.2.3.tar

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**.
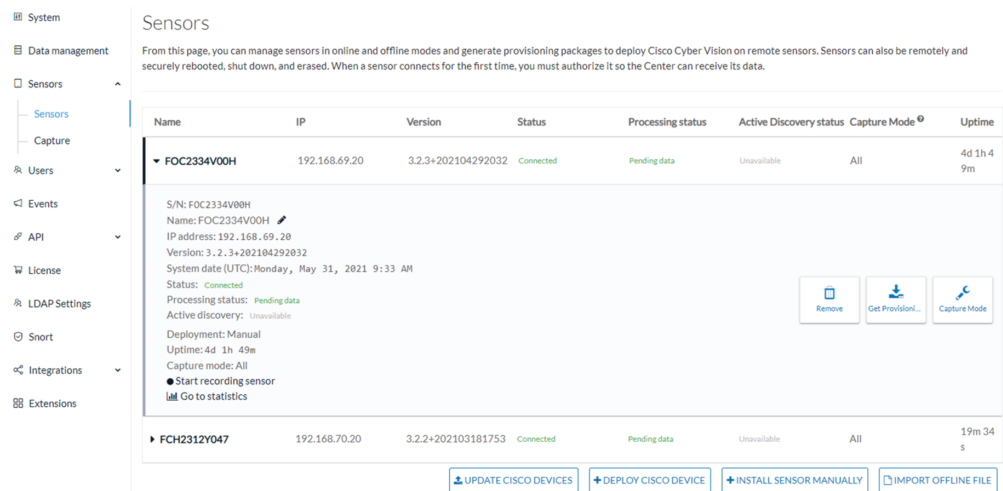
9.   Check configurations.

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.