



# Upgrade procedures

- [Upgrade through the Local Manager, on page 1](#)
- [Upgrade with the combined update file, on page 5](#)

## Upgrade through the Local Manager

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

In the Cisco Cyber Vision sensor administration page, the sensor is in 3.2.2. In the example below, we will upgrade the sensor to Cisco Cyber Vision version 3.2.3.

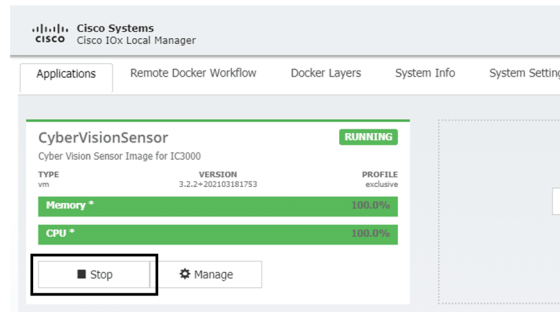
Name	IP	Version	Status	Processing status	Active Discovery status	Capture Mode	Uptime
FOC2334V00H	192.168.69.20	3.2.3+202104292032	Connected	Pending data	Unavailable	All	4d 1h 57m 2s
FCH2312Y047	192.168.70.20	3.2.2+202103181753	Connected	Pending data	Unavailable	All	27m 37s

S/N: FCH2312Y047  
Name: FCH2312Y047  
IP address: 192.168.70.20  
Version: 3.2.2+202103181753  
System date (UTC): Friday, April 30, 2021 9:42 AM  
Status: Connected  
Processing status: Pending data  
Active discovery: Unavailable  
Deployment: Manual  
Uptime: 27m 37s  
Capture mode: All  
Start recording sensor  
Go to statistics

Remove Erase Get Provision... Capture Mode Enable IDS Shutdown Reboot

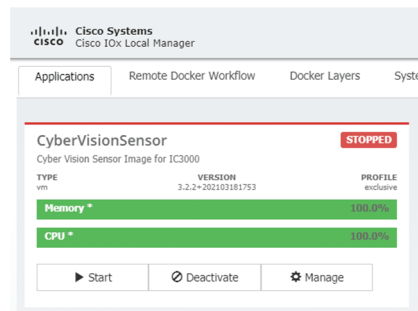
UPDATE CISCO DEVICES DEPLOY CISCO DEVICE INSTALL SENSOR MANUALLY IMPORT OFFLINE FILE

1. Access the 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 moves to Disconnected.

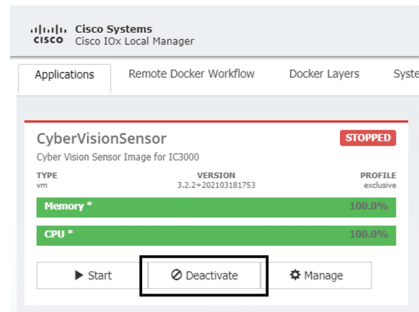
Name	IP	Version	Status	Processing status	Active Discovery status	Capture Mode	Uptime
FOC2334V00H	192.168.69.20	3.2.3+202104292032	Connected	Pending data	Unavailable	All	4d 1h 5m 12s
FCH2312Y047	192.168.70.20	3.2.2+202103181753	Disconnected <span>SSH</span>	Disconnected	Unavailable	All	N/A

S/N: FCH2312Y047  
 Name: FCH2312Y047 ✎  
 IP address: 192.168.70.20  
 Version: 3.2.2+202103181753  
 System date (UTC): Friday, April 30, 2021 9:42 AM  
 Status: Disconnected  
 Processing status: Disconnected  
 Active discovery: Unavailable  
 Deployment: Manual  
 Capture mode: All  
[Go to statistics](#)

Remove
Erase
Get Provision...
Capture Mode
Enable IDS
Shutdown
Reboot

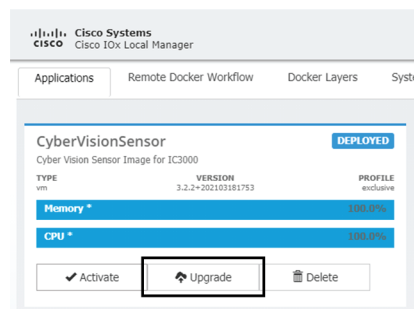
[UPDATE CISCO DEVICES](#)
[DEPLOY CISCO DEVICE](#)
[INSTALL SENSOR MANUALLY](#)
[IMPORT OFFLINE FILE](#)

- In the Local Manager, click the Deactivate button.

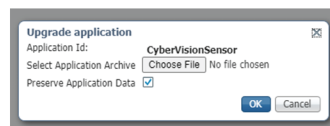


The application status moves to "DEPLOYED".

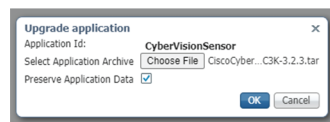
4. Click Upgrade.



The pop up Upgrade application appears.

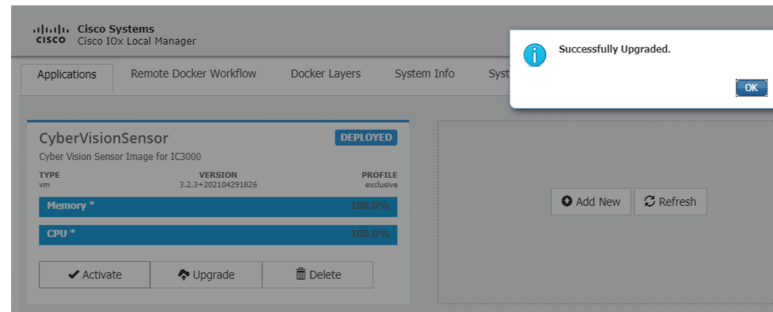


5. Select the option Preserve Application Data.
6. Select the new version of the application archive file.  
e.g. Cisco-Cyber-Vision-IOx-IC3K-3.2.3.tar



The operation takes a few moments.

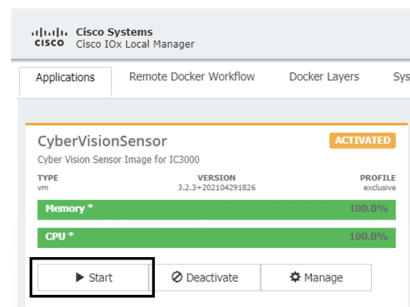
A message indicating that the sensor has been successfully upgraded is displayed.



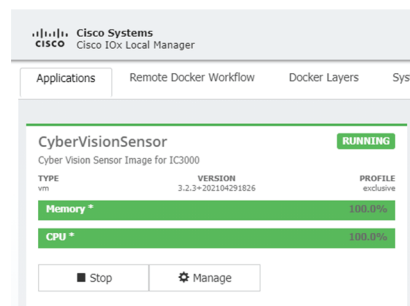
7. Check the number of the new version.
8. Click Activate.
9. Check configurations.

**It can happen that network configurations are lost during the upgrade. If they are, refer to [Configure the sensor virtual application](#) and do as explained.**

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.

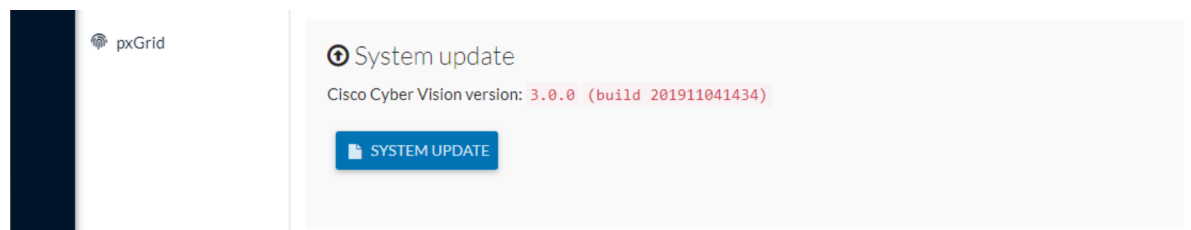
Name	IP	Version	Status	Processing status	Active Discovery status	Capture Mode <sup>®</sup>	Uptime
FOC2334V00H	192.168.69.20	3.2.3+202104292032	Connected	Pending data	Unavailable	All	4d 2h 17m 23s
FCH2312Y047	192.168.70.20	3.2.3+202104291826	Connected	Pending data	Unavailable	All	1m 22s

S/N: FCH2312Y047  
 Name: FCH2312Y047  
 IP address: 192.168.70.20  
 Version: 3.2.3+202104291826  
 System date (UTC): Friday, Apr 11 30, 2021 10:02 AM  
 Status: Connected  
 Processing status: Pending data  
 Active discovery: Unavailable  
 Deployment: Manual  
 Uptime: 1m 22s  
 Capture mode: All  
 ● Start recording sensor  
 📊 Go to statistics

Remove
Erase
Get Provision...
Capture Mode
Enable IDS
Shutdown
Reboot

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

## Upgrade with the combined update file



Version releases usually include updates for both the Cisco IC3000 sensors and the Center (i.e. combined updates). If operating conditions make it possible, you can update the Center and all its Cisco IC3000 online sensors at once from the user interface. You can proceed to a combined update without opening a shell prompt and using SSH.



**Note** Combined updates are applied to the Center and all its Cisco IC3000 online sensors. Make sure (by accessing the sensor administration page) that all your Cisco IC3000 sensors are connected and SSH is authorized between the Center and the sensors before proceeding to a combined update.



**Important** Rolling back to an older Cisco Cyber Vision version is not possible.

Requirements:

- A combined update, available on [cisco.com](https://cisco.com).

To verify that the file you just downloaded is healthy, it is recommended to use the SHA512 checksum provided by Cisco.

To do so (Windows users):

## Procedure

- Step 1** Access Cisco Cyber Vision download page.
- Step 2** Download the file.
- Step 3** Open a shell prompt such as Windows Powershell and use the following command to retrieve the file checksum:  
Get-FileHash .\CiscoCyberVision-<TYPE>-<VERSION>.<EXT> -Algorithm SHA512 | Format-List

```
PS C:\Users\ > Get-FileHash .\Downloads\CiscoCyberVision-center-3.2.3.ova -Algorithm SHA512 | Format-List

Algorithm : SHA512
Hash      : 13388f81a17110af80d751ae7b450f2829cc84c854f550f3888e684236865ec9edf7773fd05d1055c7f1ef76e68c2b8a96cfe69ab
          : 18622e480888eb89e94d816
Path      : C:\Users\ \Downloads\CiscoCyberVision-center-3.2.3.ova
```

- Step 4** In the download page, mouse over the file and copy the SHA512 checksum.

## Software Download

- Step 5** Compare both checksums.
- If both checksums are identical it means the file is healthy.
  - If the checksums do not match try to download the file again.
  - If, after downloading the file again the checksums still don't match, please contact Cisco support.

To update the Center and all its Cisco IC3000 online sensors:

- Step 6** Access the Cisco Cyber Vision's user interface.
- Step 7** Access System administration > System and use the System update button.
- Step 8** Select the update file CiscoCyberVision-update-combined-<VERSION>.dat
- Step 9** Confirm the update.

As the Center and sensors updates proceed, you are redirected to a holding page. Once the update is finished the Center and the sensors need to reboot and you will be logged out from the user interface.

- Step 10** Log in again to the user interface.

**Step 11**

If some sensors were offline when the update occurred, the same procedure can be used as many times as necessary to update all sensors.

---

