



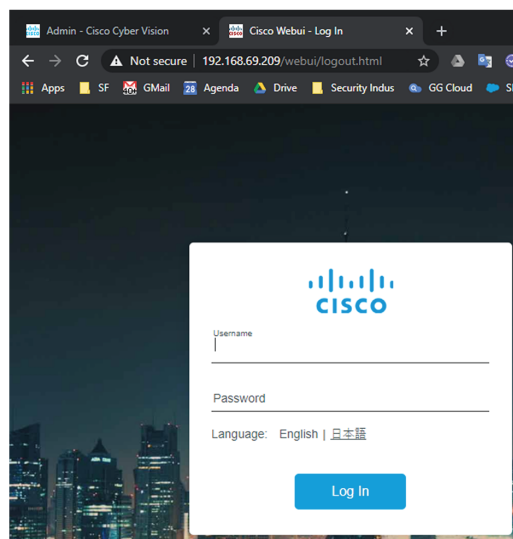
## Procedure with the Local Manager

After the [Initial configuration](#), proceed to the steps described in this section.

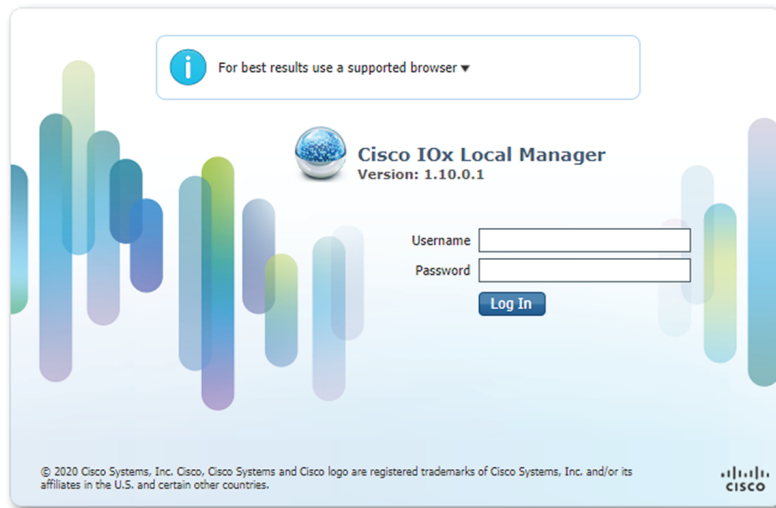
- [Access the IOx Local Manager, on page 1](#)
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### Access the IOx Local Manager

1. Open a browser and navigate to the IP address you configured on the interface you are connected to.
2. Log in using the Cisco IR8340 admin user account and password.

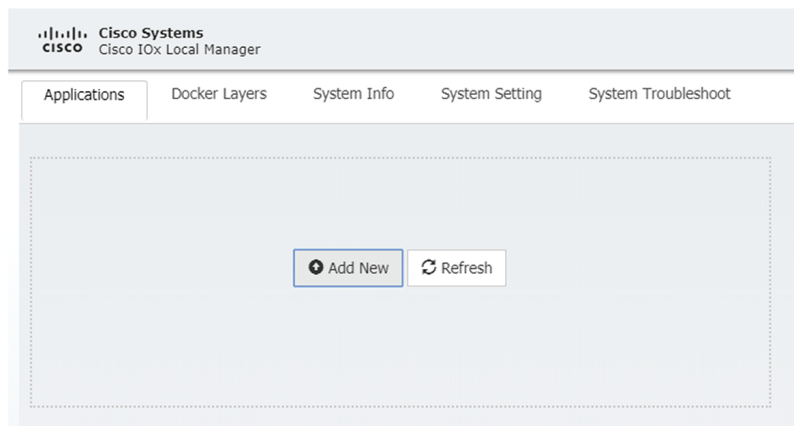


3. Once logged into the Local Manager, navigate to Configuration > Services > IOx.
4. Log in using the user account and password.



## Install the sensor virtual application

Once logged in, the following menu appears:



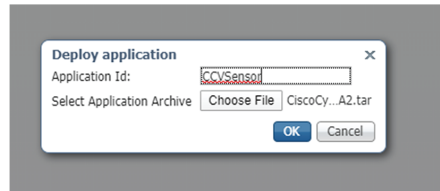
1. Click **Add New**.
2. Add an Application id name (e.g. CCVSSensor).
3. Select the application archive file




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**Note** If you aim to install a sensor with **Active Discovery**, select the required application archive file

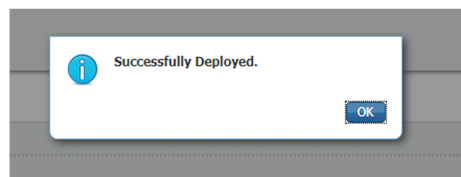
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The installation takes a few minutes.

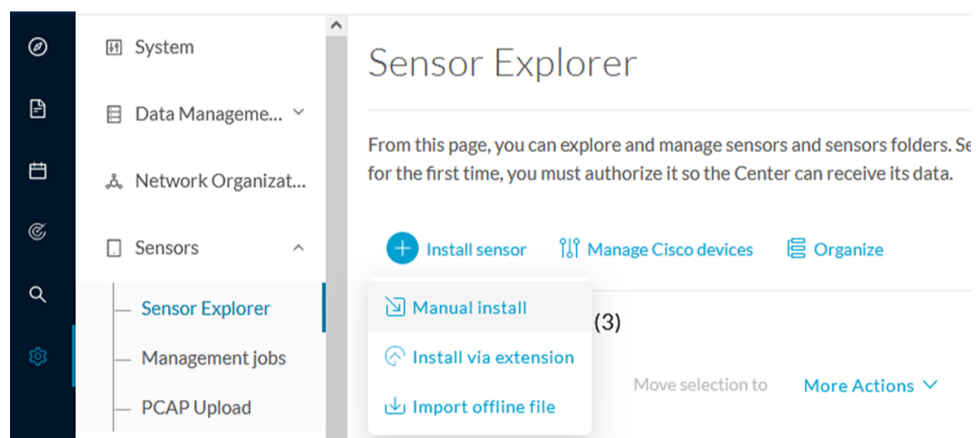


When the application is installed, the following message is displayed and the sensor application appears:



## Generate the provisioning package

1. In Cisco Cyber Vision, navigate to Admin > Sensors > Sensor Explorer and click **Install sensor**, then **Manual install**.



The manual install wizard appears.

2. Select **Cisco IOx Application** and click **Next**.

3. Fill the fields to configure the sensor provisioning package:

- The serial number of the hardware.
- Center IP: leave blank.
- Gateway: add if necessary.
- Optionally, select a capture mode.
- Optionally, select RSPAN (only with Catalyst 9x00 and if using ERSPAN is not possible).

### Configure provisioning package

Please fill in the fields below to add configuration to the provisioning package to install.

#### Sensor Application

Serial number\*

Center collection IP

leave blank to use current collection IP

Gateway

Capture mode

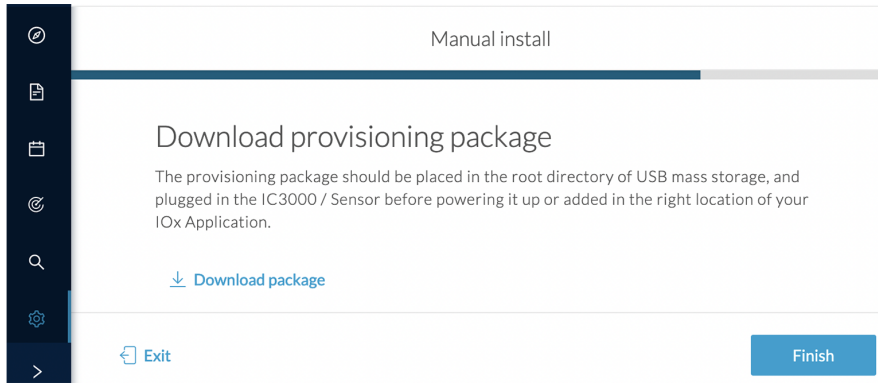
- Optimal (default): analyze the most relevant flows
- All: analyze all the flows
- Industrial only: analyze industrial flows
- Custom: set your filter using a packet filter in tcpdump-compatible syntax

Monitor session type

- ERSPAN: recommended choice for all devices
- RSPAN: use it only with Catalyst 9X00 and when using ERSPAN is not possible

4. Click **Create sensor**.

- Click the link to download the provisioning package.



This will download the provisioning package which is a zip archive file with the following name structure: sbs-sensor-config-<serialnumber>.zip (e.g. "sbs-sensor-configFCW23500HDC.zip").

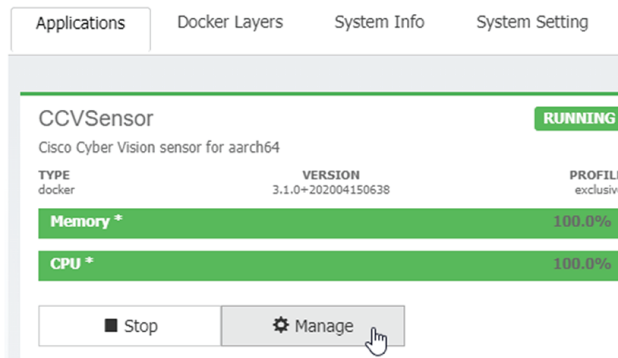
- Click **Finish**.
- A new entry for the sensor appears in the Sensor Explorer list.

The sensor status will switch from Disconnected to New.

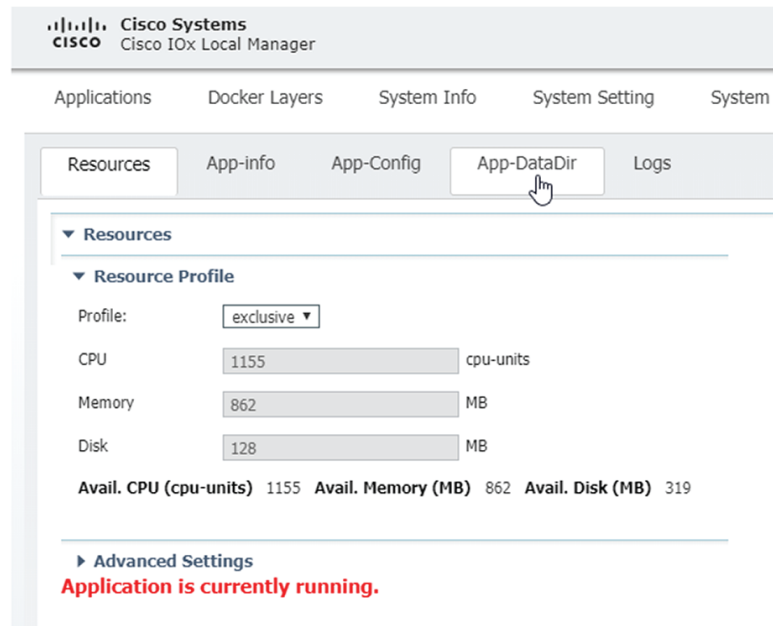
erial Number	IP Address	Version	Location	Health status	Processing status	Active Discovery	Uptime	Templ:
FOC27203WMJ				New	Not enrolled	Unavailable	N/A	Di

## Import the provisioning package

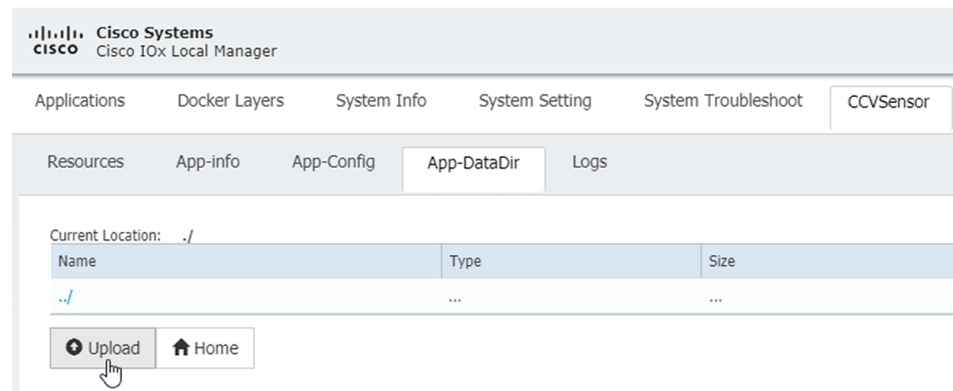
- In the Local Manager, in the IOx configuration menu, click **Manage**.



- Navigate to **App-DataDir**.

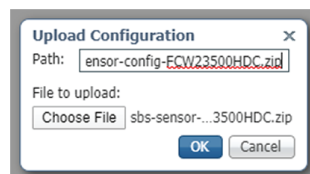


### 3. Click **Upload**.



### 4. Choose the provisioning package downloaded (i.e. "sbs-sensor-config-FCW23500HDC.zip"), and add the exact file name in the path field (i.e. "sbs-sensor-config-FCW23500HDC.zip").

### 5. Click **OK**.



### 6. After a few seconds, the sensor appears as Connected in Cisco Cyber Vision.

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<input type="checkbox"/>	FCW2445P6X5	192.168.49.21	4.1.0+202202151440	Connected	Pending data	Enabled	4 days
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Import the provisioning package