



## Application Manager service configurations

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### Application Manager service

The Application Manager is a service that enables you to manage the IOx application lifecycle. The lifecycle involves tasks such as uploading, installing and managing application on a specific network device.

Within the IoT OD, you can also perform tasks such as upgrading the applications, viewing event logs, uninstalling applications, and much more using the Application Manager service.

### Create device profiles

A device profile is a configuration file that contains user credentials to access devices. Use the device profile to onboard multiple devices to the Cisco IoT OD. Cisco IoT OD uses the user credentials configured in the device profile to establish a connection with multiple devices.

Add a new device profile to store credentials for onboarding multiple devices to Cisco IoT Operations Dashboard (IoT OD).

#### Before you begin

Ensure you have privilege level 15 user credentials to assign to the device profile.

#### Procedure

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**Step 1** Go to **Device Profiles** and click **Create Device Profile**.

The **Create Device Profile** page appears.

**Step 2** On the **Create Device Profile** page, enter a profile name in the **Device Profile Name** field and optionally enter a description in the **Device Profile Description** field.

- Step 3** In the **Configure credentials** area, enter the username and password in their respective fields for the device profile configuration.
- Step 4** Click **Next**.  
The device profile is ready for your review.
- Step 5** After confirming the device profile details, click **Create Device Profile**.

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The new device profile appears in the Device Profiles list, ready for use in device onboarding.

#### What to do next

Add devices to the Application Manager service.

## Add IE devices to the Application Manager service

Adding devices to the Application Manager service enables easy deployment and management of applications on the IE switches.

Add network devices to the Application Manager service of the Cisco IoT Operations Dashboard.

#### Before you begin

- Create a device profile in the IoT Operations Dashboard.
- Note the serial number and product ID of IE switches.

To display the product ID and serial number, use this command on your device's console.

Switch# **show license udi**

#### Procedure

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- Step 1** In the Cisco IoT Operations Dashboard, navigate to the **Application Manager** service.
- Step 2** Choose **Devices > Staged** tab.
- Step 3** Click **Add Devices**.
- Step 4** On the **Select Add Device Method** window, select **Single Device**.
- Step 5** On the **Add Device** page, enter the product ID, serial number, and name in the respective fields.
- Step 6** Click **Next**.
- Step 7** On the **Select Device Profile for Assignment** page, choose a [device profile](#) from the list and click **Next**.
- Step 8** Review the configuration information on the **Review** page, and click **Add Device**.

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The new device is listed under **Staged Devices**, indicating that the device has not been registered with the Cisco IoT Operations Dashboard yet.

**What to do next**

Perform the IE switches configurations.

