



Switch as a Gateway

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Switch as a Gateway

You can configure the following switches as a wired gateway:

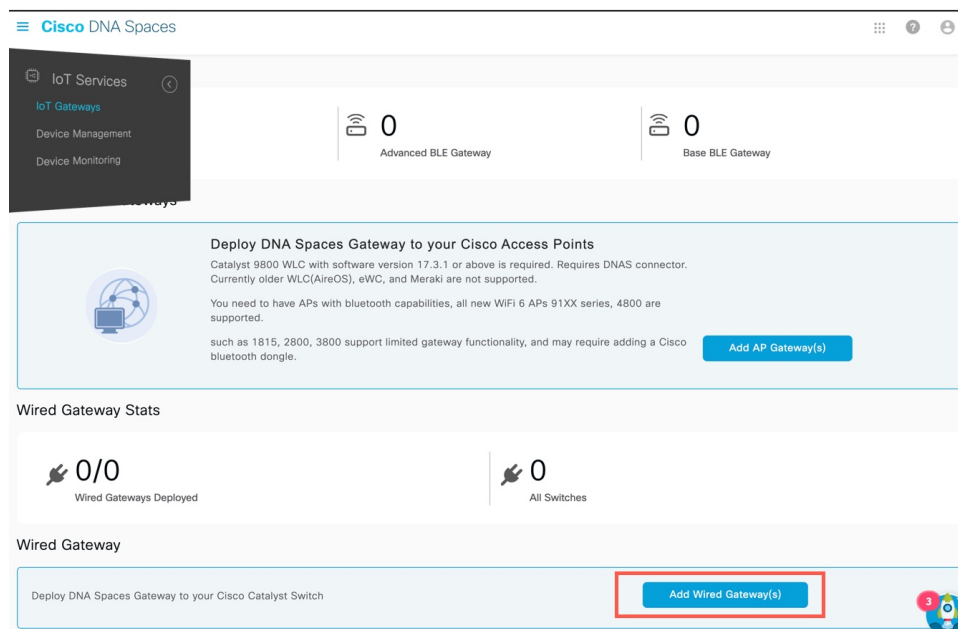
- Cisco Catalyst 9300 Series Switches
- Cisco Catalyst 9400 Series Switches

Configuring a Switch as a Wired Gateway

Procedure

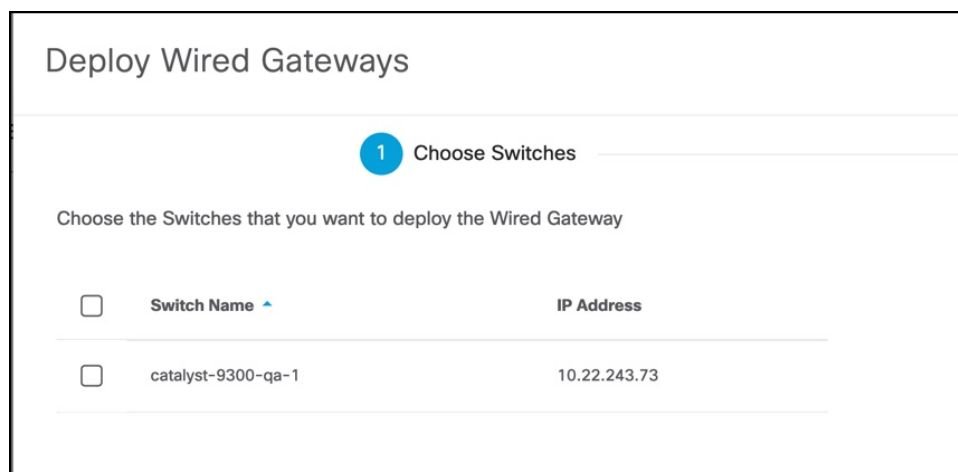
- Step 1** In the IoT Service dashboard, choose **IoT Gateways > Wired Gateways**.
- Step 2** Click **Add New Gateways**.

Figure 1: Adding a New Gateway



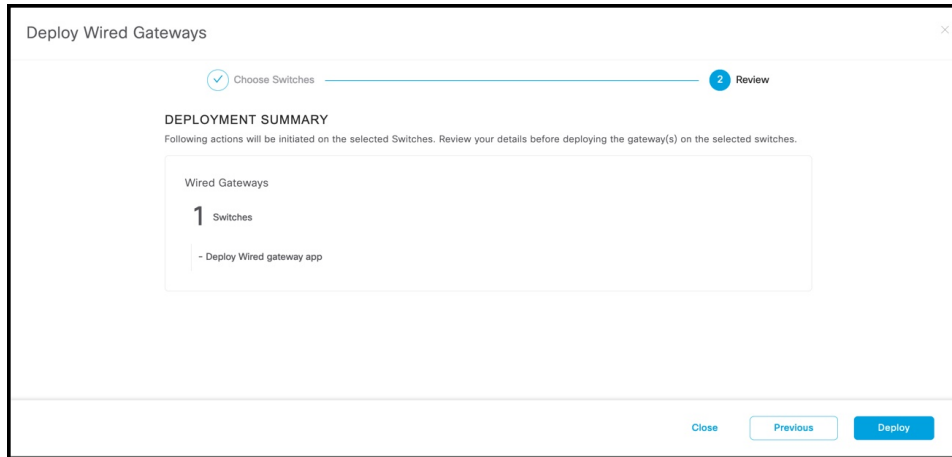
Step 3 In the **Deploy Wired Gateways** window that is displayed, select the switch you want to deploy as a wired gateway. (IoT Service configures a compatible switch as a wired gateway.)

Figure 2: Deploy Wired Gateways

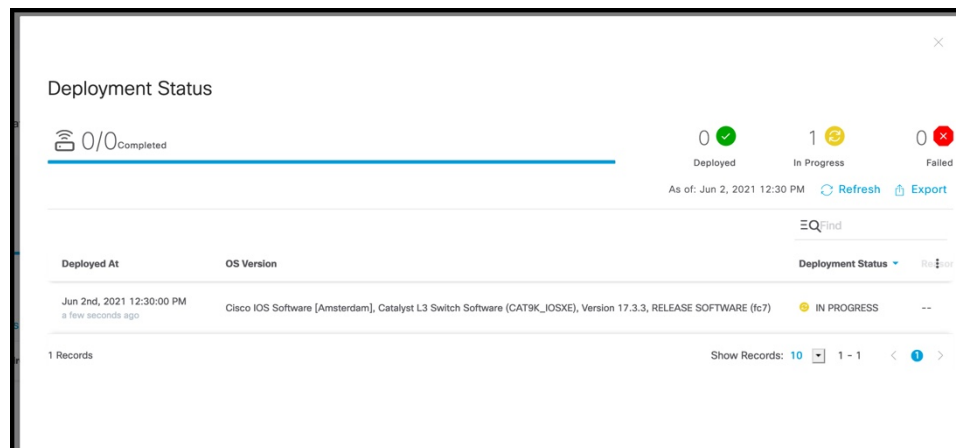


A switch that is enabled as a wired gateway, can scan for wired sensors using an installed IoX Application .

Step 4 You can review the requested changes and click **Deploy**.

Figure 3: Review Changes

After the switch receives the change requests, the switch is queued to be deployed as a wired gateway. You can observe the progress on the displayed deployment status window.

Figure 4: Deployment Status

You can also check the status of the deployment by clicking the **Wired Gateways** tab and then clicking **Deployment Status** button at the top-right corner.

Figure 5: Deployment Status

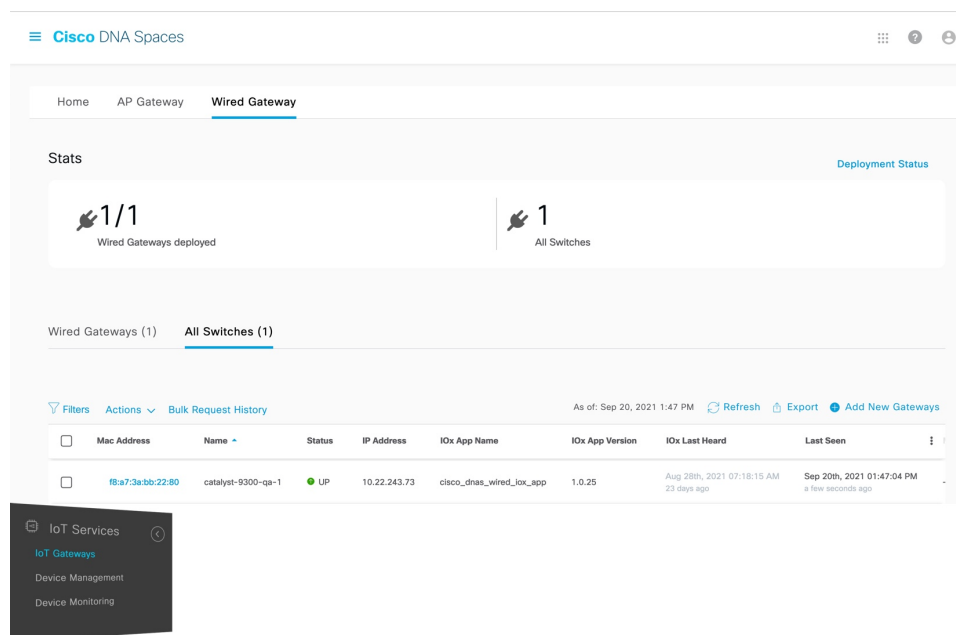
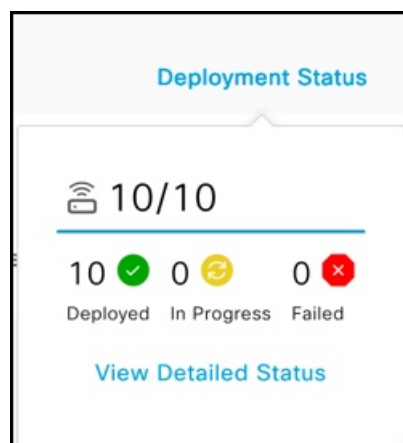


Figure 6: Deployment Status: Summarized view



Uninstall, or Upgrade a Wired Application on a Switch

You can uninstall, or upgrade wired applications on wired gateways. The Cisco Spaces Wired app is one such application.

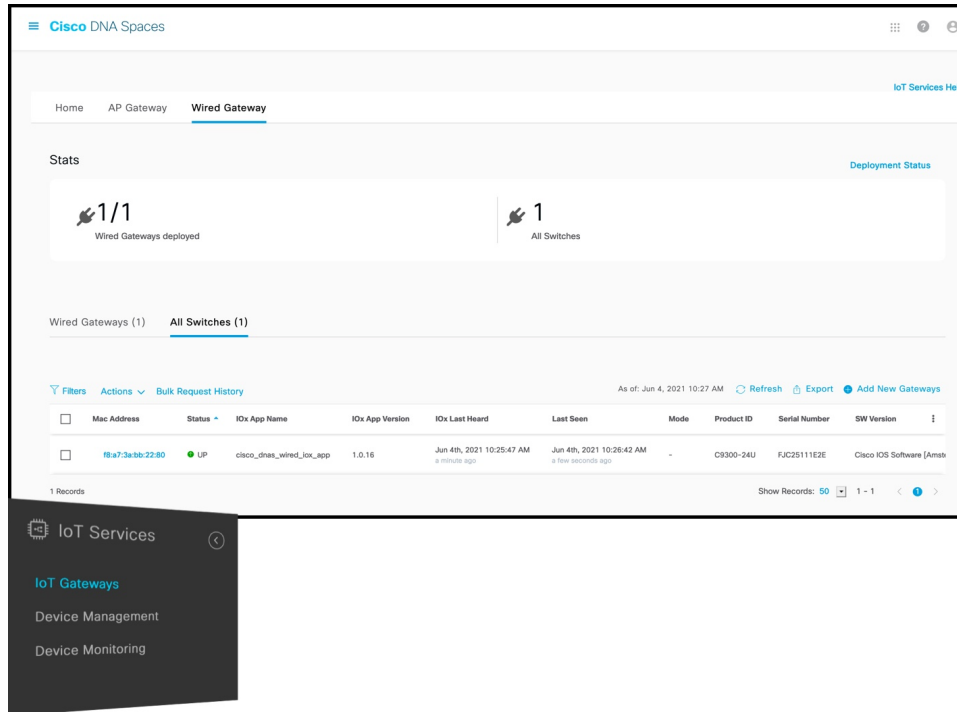
Before you begin

Ensure that you have configured a switch as an wired gateway.

Procedure

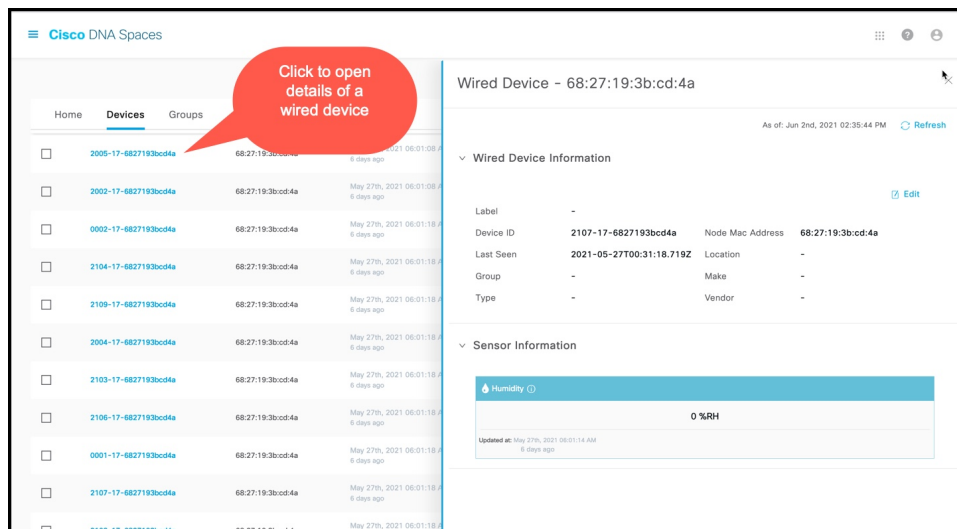
Step 1 In the Cisco Spaces dashboard, choose **IoT Gateways > Wired Gateways** and click **All Switches**.

Figure 7: Uninstalling or Upgrading an IoX Application



Step 2 Click the MAC address of the switch to open the **Wired Switch** window containing the details.

Figure 8: Uninstalling or Upgrading an IoX Application



Step 3 In the **App Management** section, you can see the applications available for installation, unsallation, or upgrade. Do one of the following:

- To uninstall, click the uninstall icon near the Cisco Spaces Wired app.
- To upgrade, check if a version is available for upgrade near the Cisco Spaces Wired app and click it.
- To upload tech support files to the connector, click the gear icon.

Figure 9: Uninstalling or Upgrading an Cisco Spaces Wired app

Wired Switch - catalyst-9300-qa-1


As of: Sep 20th, 2021 01:56:43 PM [Refresh](#)

▼ **Wired Gateway Information**

Mac Address	f8:a7:3a:bb:22:80	Name	catalyst-9300-qa-1
Status	UP	IP Address	10.22.243.73
IOx App Name	cisco_dnas_wired_iox_app	IOx App Version	1.0.25
IOx Last Heard	Aug 28th, 2021 07:18:15 AM 23 days ago	Last Seen	Sep 20th, 2021 01:47:04 PM 10 minutes ago
Mode	-	Product ID	C9300-24U
Serial Number	FJC25111E2E	SW Version	Cisco IOS Software [Amsterdam], Catalyst L3 Switch Software (CAT9K_IOSXE), Version 17.3.3, RELEASE SOFTWARE (fc7)
Type	CHASSIS		

▼ **App Management**


Available Apps



Cisco DNA Spaces Wired App

Upgrade to v1.0.26

Enable configuration of Wired Gateway within compatible switches



> Request History

The switch, which is the wired gateway, receives these change requests for installation. You can observe the progress on the displayed window. You can also check the status of the wired gateway deployment by clicking the **Deployment status** icon at the top-right corner of the dashboard (in the **AP Gateways** window). Here, you can see the deployment status of the wired gateway at a more detailed level. You can see whether the gateway is enabled and whether an app is being installed. Unlike bulk history, you can view the details of an individual wired gateway. If the gateway deployment fails, the reasons are listed here.