

Getting Started

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Activate IoT Service (Wireless)

This task shows you how to activate IoT service (wireless) on some or all your devices, from the Cisco Spaces dashboard.

Before you begin

To activate IoT service (wireless), your network must meet the below prerequisites :

- Cisco Spaces: Connector
- Cisco Catalyst 9800 Series Wireless Controllers, installed with version 17.3.1 or higher
- Supported access points. See Prerequisites of IoT Service (Wireless)



Note The workflow initiated by this procedure automatically checks for prerequisites necessary to complete this task.

Step 1 Log in to Cisco Spaces.

Step 2 From the left navigation pane, click **IoT Services > About IoT Services**.

You can see the number of connectors activated with the IoT service (wireless) service. You can also see the number of APs deployed as an IoT service (wireless) gateway.

Figure 1: About IoT Services

About lo	T Serv	vices									E	Activa	te loT Ser	vices
IoT Service	es: Activ	ation Sta	itus			Last up	odated: As o	of Aug 30th, 2023	03:11:29 PM	Э	Troubles	hoot	View D	etailed Status
Connector					Controlle	rs		Gateway						
Wireless Services Wired Services						Wireless G	lateway		Wired Gat	eway				
5	0	0	5	0	0	2	0	0	0	7	0	1	0	0
Activated	Failed	Pending	Activated	Failed	Pending	Activated	Failed	Pending	Activated	Failed	Pending	Activated	Failed	Pending

Click View Detailed Status to see the breakdown of the activation status of various individual devices.

Figure 2: Detailed Status of Devices Activated With IoT Service (Wireless)

Connectors Controllers Wire	less Gateway Wired Gateway	
Wireless Services Wired Services		
5 of 5 Completed		5 O Activated Faled
Connectors	Version	Activation Status
Bhaumik-ami	V2	Ø Deployed
bhaumik-qa-manual	V3	Deployed
connector3.1-ami-Bhaumik	V3	Deployed
Bhaumik-2-3-4-on prem	V2	Ø Deployed
Bhaumik-ami-connector-2.3.4	V2	Ø Deployed

- Step 3 In the About IoT Services window top-right corner, click Activate IoT Services.
- **Step 4** In the Activate IoT Services window that is displayed, choose Wireless.

Figure 3: Activate IoT Service (Wireless)

ctivate IoT Services			;
	What would you li	ike to activate first	
	If you want to enable IoT services on both wireless an steps and come back I	id wired devices, choose one option and complete the ater to activate the rest.	
	Wireless You must have a connector installed and added compatible APs on the connectors before you proceed with this. The gateway can be deployed all the compatible APs. Compatible devices: Catalyst 9800 series controllers and 9100 series APs	Wired Constant of the connector installed and added supported switches on the connectors before you proceed with this. The gateway can be deployed all the compatible witches. You were at a configure certain parameters manually. Compatible devices: Catalyst 9300 and 9400 series switches	
			Previous Next

You can see the list of all devices on which IoT service (wireless) can be activated, along with the activation time.

Figure 4: List of Supported Devices

Activate IoT Services		>						
	IoT services will be activated on							
	7 of 9 compatible connectors Takes upto 3 hrs. 30 mins							
	2 connectors not responding, hence IoT services will not be activated on them.							
	3 of 3 compatible controllers Takes upto 30 mins							
	All Compatible APs on all locations Takes upto 10 mins/AP							
	Activating IoT services on the supported APs may take upto 4 hrs + 10 mins/AP. You can initiate the activation and check the status in the "About IoT services" page.							
Click here for customization								

Step 5 To activate IoT service (wireless) on all devices on your network, in the **IoT services will be activated on** window, click **Activate**.

This activation of IoT service (wireless) automates the following tasks:

- · Enables IoT streams on the connector
- Enables the wireless controller stream
- Configures APs as a Bluetooth Low Energy (BLE) gateway (this includes turning on the BLE radio, BLE scanning, and deploying the BLE gateway app)

Figure 5: Activate IoT Service (Wireless) on all devices



Step 6 To activate IoT service (wireless) only on specific devices of your network, do the following:

- a) Choose one or more connectors to activate IoT service (wireless).
- b) To activate the wireless gateway, click Activate Wireless.
- c) In the Deploy Wireless Gateway window, select the APs on which you want to activate IoT service (wireless).

Figure 6: Activate IoT Service (Wireless) on Preferred Devices

Activate IoT Services			×
	IoT services will be a	ctivated on	
	5 of 8 compatible connectors	Takes upto 2 hrs, 30 mins	
	3 connectors not responding, hence IoT services wil	I not be activated on them.	
	2 of 2 compatible controllers	Takes upto 20 mins	
	All Compatible APs on all locations	Takes upto 10 mins/AP	
	Activating IoT services on the supported APs ma 10 mins/AP. You can initiate the activation and ch IoT services* page.	y take upto 2 hrs, 50 mins + eck the status in the "About	
	Activate		
	Activate IoT services on	selected?	
	Click here for customizati	on	

Figure 7: Activate IoT Service (Wireless) on Preferred Devices

Deploy Wireless	Gatewa	ау			Х
	Choose t	he acccess points that you want to c	leploy gateway		SEI FOTED APS
		Select All Supported APs	Gateway Capability	Status	2/23
		RTB2-Russel-C9105	Gateway Not Supported	NA	
		Russell-2CF8	Advanced Gateway	Not Activated	AF5
		RTB2_9115I_2	Advanced Gateway	Base Gateway Activated	1 Aps with Advanced BLE Gateway support
		RTB3-9130AXE-Marlin4-22	Advanced Gateway	Not Activated	
		RTB2-9117-2	Advanced Gateway	Not Activated	
		RTB2-9117I	Advanced Gateway	Base Gateway Activated	
		Sid-4800-1	Gateway Not Supported	NA	
		CM64-2C60	Gateway Not Supported	NA	
		RTB1-Cornwall-9130	Base Gateway	Advanced Gateway Activated	
		RTB2-9124I	Gateway Not Supported	NA	
		AP5CE1.7628.0D60	Gateway Not Supported	NA	
				the abdet whenever is	Prov

What to do next

Once the activation completed, you can onboard the IoT Service (Wireless) devices. Click **Manage Devices** & **Policies > Onboard Devices**.

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