

Connector on Cisco Spaces

- Activating Connector 3 on Cisco Spaces, on page 1
- Monitor the Status of Service Installation, on page 8

Activating Connector 3 on Cisco Spaces

This section provides information about how to activate a deployed connector on your Cisco Spaces account.

Using the following procedure, you generate a token for a deployed connector that you want to add to your Cisco Spaces account. Note that you need a separate token for each deployed connector. Each token is specific to a connector and hence enables Cisco Spaces to identify and connect to connector.

Cisco Spaces supports multiple connectors, and you can associate each connector with one or multiple wireless controllers.

Note A Cisco Spaces: Connector instance can communicate with only one Cisco Spaces account at a time.

Before you begin

Download and deploy the Cisco Spaces: Connector OVA. See Deploying the Connector 3 OVA (Single Interface)

Step 1 Log in to Cisco Spaces.

Note The Cisco Spaces URL is region-dependent.

- **Step 2** From the left navigation pane, choose **Setup > Wireless Networks**.
- Step 3 In the Get your wireless network connected with Cisco DNA Spaces area, click Add New.
- Step 4 In the Cisco AireOS Controller/Catalyst 9800 Wireless Controller area, click Select.

Figure 1: Choose Cisco AireOS Controller/Catalyst 9800 Wireless Controller

Step 5In the Via Spaces Connector area, click Select.56

Figure 2: Via Spaces Connector

How do y	you want to connect to Cisco DNA	Spaces?
Via Spaces Connector	Connect WLC directly	Via CMX On-Prem
Requires you to install Spaces Connector on a virtual machine in order to connect your WLC to Claco DNA Spaces cloud. Note: Not compatible with Catalyst 9800 controller	Requires WLC with schware version 8.8 MP2 and above or Cisco Catalyst Wireless Controller with schware version 16.12.2 and above. Wireless controller needs direct maintet connectivity.	Configure your CMX On-Prem dishboard to send location updates to Caso DNA Spaces, either by configuring the Notification URL in the Caso CMX dishboard or by manually usiloading a USCN file that contains your location hierarchy.
		Select

Step 6

In the **Prerequisites for Spaces Connector** dialog box, click **Continue Setup**. *Figure 3: Read Prerequisites for Spaces Connector*

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Prerequis	sites for Spaces Connector
1	You must have WLC version 8.0 and above.
2	You must have access to a virtual machine (VMware) to install Spaces Connector.
3	Spaces Connector needs access to your Wireless LAN Controllers and connectivity to the Internet (direct connection or via HTTPS proxy)

 Step 7
 Expand the Connect via Spaces Connector area using the respective drop-down arrow.

 Figure 4: Expand Connect via Spaces Connector

■ Cisco DNA Spaces	O Active APs				
Connect your wire	eless network				
Connect via Sp Spaces Connector is an easy	vaces Connector y way to get your wireless network connected to Cisco DNA Spaces. No need to upgrade Wireless LAN Controll	ers or reconfigure your wireless network.	Clink to		
Connect WLC/	Catalyst 9800 Directly Ubgrits is in easy way to get your wheless network connected to Cisco DNA Spaces. No need to upgrade Win	aless LAN Controllers or reconfigure your wireless network.	expand ¥		
Wireless Networks	ering		~		
	Camera gin storace by the connect to Clace Menal Claud, Import locations in to Clace DNA Spaces and activate/type the Menal Networks.				
	Get your wireless network connected with Cisco DNA Spaces There are multiple options to get connected based on your wireless network designment.	Need Help? Configuration guide			
	+ Add New	Cisco AireOS/Catalyst CP Cisco Meraki CP	e		

Step 8 In the displayed list of steps, in the **Configure Spaces Connector** area, click **Create Connector**.





Step 9 In the Create connector window that is displayed, enter a name for connector, and click Version 3.0 (beta). as the Connector Version, and click Save.

Figure 6: Name and Version of Connector

Create Connector						
Spaces Connector Name Enter the spaces connector name						
 Version 1.x First generation Connector designed to transfer location data efficiently to Cisco Spaces cloud Version 3.0 Support for deploying and managing multiple individual services Seamless services and system upgrades Refer to the Connector 3.0 Configuration Guide for more details Enable Location Services () 						
Cancel Save						

Connector is successfully created. Click Go to Connector Details Page.

Figure 7: Connector Created Successfully

Create Connector
\checkmark
Connector Created Successfully
Next step:
Please generate a token from connector details page and configure it in your " instance/box"
Go to Connector Details Page

Step 10 In the connector details window, you can see a summary of the configurations for this connector. Click Generate Token.

Instances Configure your instance Configure your instance Configure your instance

Figure 8: Generate Token

Step 1:

Step 2:

Step 11 In the **Token** window that is displayed, click **Copy Token**.

Genarate a token by clicking the Generate Token button on the top of this page. A token will be generated.

To set up high availability pair follow the steps below

Figure 9: Copy Token

Token) A
Configure the token below on your instance/box	
eyJhbGciOiJIUzI1NiisInR5cCl6lkpXVCJ9.eyJ2ZXJzaW9uljoiVjMiLCJ0b2tlbklkljoiNzM3MTlyYTAtY2l3MS0xMWVjLWFm YmUtMTU4MTA0NjY3NjQwliwiaWJ5ljoiTG9jYXRpb24iLCJ0eXBlljoiY29ubmVjdG9yX2F1dGhfdG9rZW4iLCJ0ZW5hbnF JZCl6ljEyMTExliwiY29ubmVjdG9ySWQiOjgxNDI0NDQ4MjEyOTAyMTIwMDAwLCJIbmRwb2ludCl6lmh0dHBzOi8vY29u bmVjdG9yLnFhLWRuYXNwYWNIcy5pbylsImVudmlyb25tZW50ljoidGVzdClsInJIZ2lvbil6InVzLWVhc3QtMSIsImlhdCl6M TY1MTY0NDg2N30.0VVo8ozAsaDcZr0Abo_G1Y732TQENGpJr1uXJIW5bY0	2
Copy Token View Documentation	
To set up your connector instance, follow the steps below.	
Step 1:	
Copy the generated token above.	
Step 2:	
Login to your connector UI and configure the token. Follow the documentation if you haven't setup your connector yet.	

- **Step 12** Open the connector GUI.
- Step 13 (Optional) If your network is behind a proxy, configure the GUI with the proxy. See Configure a Proxy
- **Step 14** In the **Configure Token** area that is displayed, click **Configure Token**.

Figure 10: Configure Token



- **Step 15** In the window that is displayed, in the **Token** text, field enter the token copied from Cisco Spaces and click **Configure**.
- **Step 16** Add the following services as required:
 - Configuring IoT Services
 - Configuring Hotspot Services

Monitor the Status of Service Installation

After you have initiated the installation of a service, you can monitor the status of the service installation in connector from the Cisco Spaces dashboard.

- **Step 1** From Cisco Spaces dashboard, choose **Setup > Wireless Networks.**
 - a) In the Connect via Spaces Connector area titled Step 2 Configure Spaces Connector, click View Connectors.
- **Step 2** From the **Connectors** window that is displayed, choose the connector of your choice.
- **Step 3** In the connector details window that is displayed, click the **Instances** tab. You can click the i button and then **Configuration History** to monitor the status of the service installation here.

Figure 11: Monitoring the Status of Service installation

Setup > Connectors > conn-ha-vip									
	SUMMAR 2 Instances	Y 2 Active	0 Inactive	2 Servi	ices ei	nabled	O Controller	0 Switches	
Config	uration Instances	Metrics							
Instan	ices in High Avail	ability Pair							
,	(C) 005056a7 System Packag	54c8 e: connector3-p8/ pr2023	4-				0		
	Mac ID	ID			54:C	Restart Services Restart Connector Refresh Instance			
	IP Address		1	10.89.45.92					
	Status			🕜 Up Remov					
	Control Channel Status HA Status		C	Connected		Configuration history			
			٢	Not Paired					
	VIP Address	Address			NA				
	SERVICES								
	Service Manager		🚹 Up						
	Version: 3.1.0.104 Last Heard on May 11, 2023, 5:41:07 PM								
	Location Of Up Version: 3.1.0.52 Last Heard on May 11, 2023, 5:4) Up 5:41:07 PM					
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