



Connector on Cisco Spaces

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Creating a Connector Instance and Retrieving a Token from Cisco Spaces (Wired)

This procedure shows you how to connect the Connector with your Cisco Spaces account.

In the following procedure, you generate a token for each Connector that you add to your Cisco Spaces account. Each token is specific to a Connector and hence enables Cisco Spaces to identify and connect to the Connector.

Cisco Spaces supports multiple Connectors, and you can associate each Connector with one or multiple 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.

Step 1 Log in to **Cisco Spaces >Setup >Wired Networks**.

Note The Cisco Spaces URL is region-dependent.

Step 2 From the **Step 2: Configure Spaces Connector** area, click **Create a new**

1 Install Spaces Connector OVA
Download and install Spaces Connector OVA as a virtual machine.
[Download Spaces Connector](#)

2 Configure Spaces Connector
You will need a token to configure Spaces Connector. You need to connect to `https://<your connector IP>/` from a browser to configure the token. You can optionally configure Spaces Connector to connect via HTTPS proxy.

1 / 1 connector(s) active **Create a new token**
[View Connectors](#)

3 Add Switch
Associate Switches with Cisco DNA Spaces Connector(s)

1 Switches added [Add Switches](#)
[View Switches](#)

4 Import Maps
If you have wired devices and sensors plotted Prime/DNAC you can import them in to the location hierarchy

2 buildings imported [Import/Sync Maps](#)
2 floors imported [Map Upload History](#)
[Manage Maps](#)

token.

Step 3 In the **Create a new token** page, enter a name for the Connector. Click **Generate Token**. A token is generated. Copy this token by using the copy button. Configure this on the Connector UI. Once configured, a new Connector is added and the Status turns to **Active**.

← Spaces Connectors [Create New Connector](#)

Name	Switches	# of Controllers	# of APs	Status	Last Modified	Last Heard
s Version: N/A IP Address: N/A	0	0	0	Inactive	Sep 16, 2021, 9:11:27 PM	Never
walkki-en-com1 Version: N/A IP Address: N/A	0	0	0	Inactive	Sep 10, 2021, 10:14:36 PM	Never
walkki-en-conn1 Version: N/A IP Address: N/A	0	0	0	Inactive	Mar 13, 2020, 9:44:03 PM	Never

First | Previous | 1 | Next | Last (1 - 3 of 3) : 1 page

Step 4 From the Spaces Connector page displayed, click the three dots button of the Connector that you just added. Click **Manage IoT Services**.

Step 5 In the **Manage IoT Service** page, click the three dots button of a switch. Choose **Enable Service** to enable IoT stream.

[Configure the Wired IoT Manage Stream.](#)

Retrieving a Token for a Connector from Cisco Spaces (Wireless)

This procedure shows you how to connect the Connector with your Cisco Spaces account.

In the following procedure, you generate a token for each Connector that you add to your Cisco Spaces account. Each token is specific to a Connector and hence enables Cisco Spaces to identify and connect to the Connector.

Cisco Spaces supports multiple Connectors, and you can associate each Connector with one or multiple 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.

Step 1 Log in to **Cisco Spaces**.

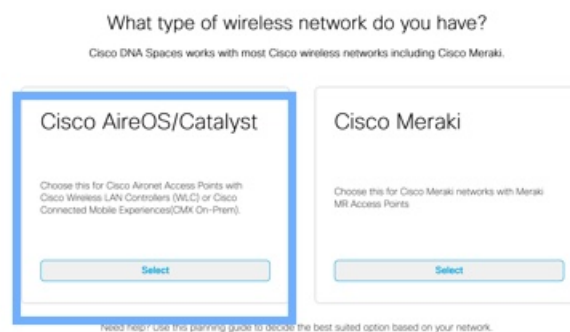
Note The Cisco Spaces URL is region-dependent.

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**.

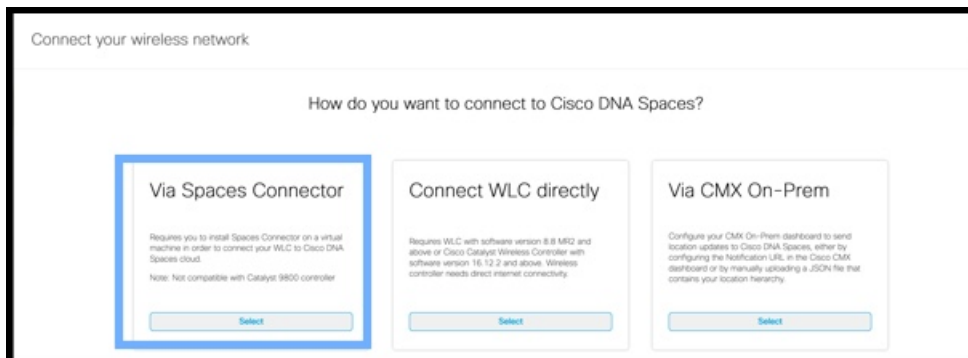
Step 4 In the **Cisco AireOS/Catalyst** area, click **Select**.

Connect your wireless network

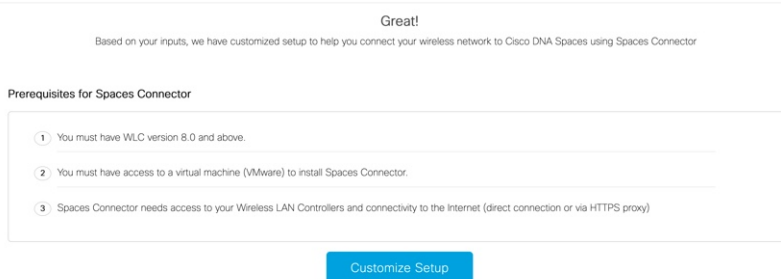


Step 5 In the **Via Spaces Connector** area, click **Select**.

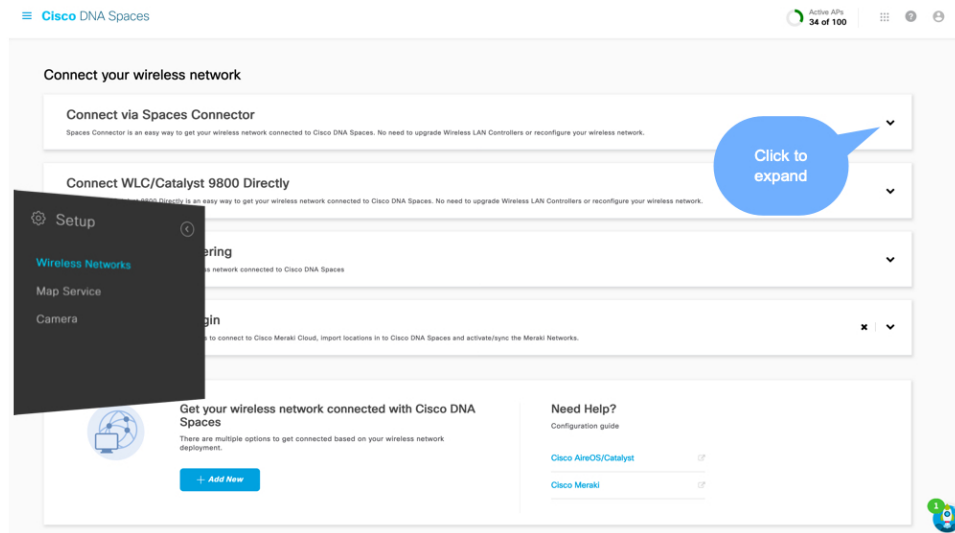
Retrieving a Token for a Connector from Cisco Spaces (Wireless)



Step 6 In the **Prerequisites for Spaces Connector** dialog box, click **Continue Setup**.



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



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

Spaces Connector is an easy way to get your wireless network connected to Cisco DNA Spaces. No need to upgrade Wireless LAN Controller!

- 1 Install Spaces Connector OVA**
 Download and install Spaces Connector OVA as a virtual machine.
[Download Spaces Connector](#)
- 2 Configure Spaces Connector**
 You will need a token to configure Spaces Connector. You need to connect to <https://<your connector IP>/> from a browser to configure the token. You can optionally configure Spaces Connector to connect via HTTPS proxy.

0 / 46 connector(s) active

[Create a new token](#)
[View Connectors](#)
- 3 Add Controllers**
 Add and associate controllers to your Cisco DNA Spaces Connector(s)

0 / 14 controller(s) active

[Add Controllers](#)
[View Controllers](#)
- 4 Import Controllers into Location Hierarchy**
 Once the controllers are added, you can import them into your location hierarchy. You can only import controllers with at least one access point.

0 / 14 controller(s) imported to location hierarchy

[Import Controllers](#)
[View Location Hierarchy](#)

Step 9 In the **Create a new token** dialog box, enter the name of the Connector.

Create a new token ✕

Please provide a name for the connector

Connector Name

Enter the connector name

The token will automatically configure your connector and allow it to connect to Cisco DNA Spaces

[Generate Token](#)

Step 10 Click **Generate Token**.

Step 11 In the dialog box that appears, click **Copy** to copy the token string.

Activating the Cisco Spaces: Connector

Using the token retrieved for this Connector from Cisco Spaces, this procedure shows you how to activate the Connector.

Before you begin

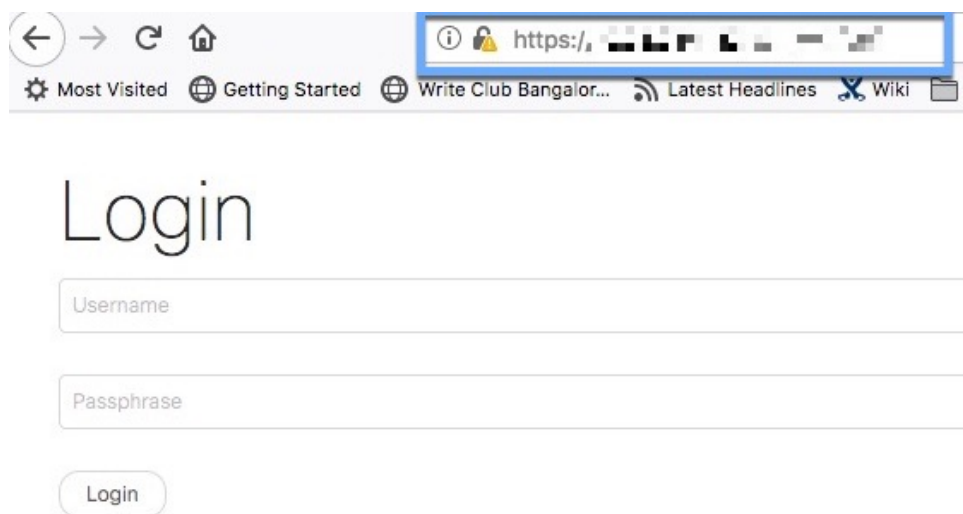
Deploy the Cisco Spaces: Connector OVA and configure an IP address. Retrieve the token for the Connector from Cisco Spaces.

SUMMARY STEPS

1. Launch the Cisco Spaces: Connector GUI and enter the username **dnasadmin** and the password you configured earlier for this user.
2. Click the settings (gear icon) on the top-right corner of the window and choose **Configure Token** and add the token that is received from Cisco Spaces, and click **Save**.
3. Observe the health of various connections on the dashboard.

DETAILED STEPS

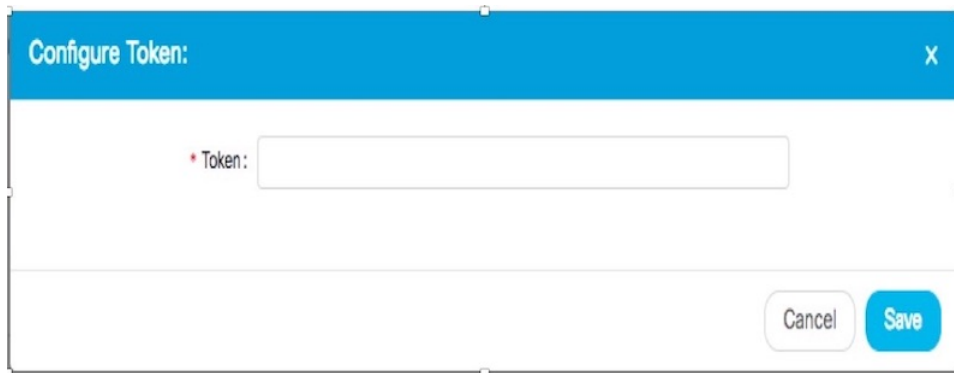
- Step 1** Launch the Cisco Spaces: Connector GUI and enter the username **dnasadmin** and the password you configured earlier for this user.



The screenshot shows a web browser window with the following elements:

- Address bar: `https://` (partially obscured)
- Navigation icons: Back, Forward, Refresh, Home
- Bookmarks: Most Visited, Getting Started, Write Club Bangalor..., Latest Headlines, Wiki
- Page content: A large heading "Login" followed by two input fields labeled "Username" and "Passphrase", and a "Login" button.

- Step 2** Click the settings (gear icon) on the top-right corner of the window and choose **Configure Token** and add the token that is received from Cisco Spaces, and click **Save**.



- Note**
- After entering the token, you may have to wait a few minutes for the Cisco Spaces: Connector to initialize and download the latest docker images from Cisco Spaces. The actual duration depends on the speed of your network connection. The status changes from **Configuring Token** to **Retrieving Connector Status**. The **Configure Token** notification option disappears from the Cisco Spaces: Connector Web UI.

Step 3 Observe the health of various connections on the dashboard.

What to do next

See [Connector GUI](#) for a detailed description of the elements of the dashboard.



- Note**
- With [CSCvx02620](#), Cisco Spaces: Connector GUI hangs after entering credentials. The page for entering credentials is displayed, and then the Connector WebUI hangs without any error. You can still SSH into the Connector.

The error is caused when you have added the token from Cisco Spaces to the Connector while there was a problem in the connectivity between the Connector and the Cisco Spaces GUI. If this was the case, the Connector can stop working during the succeeding login attempt.

To recover access to the Connector GUI, you should remove the token from the database.
