



Cisco DNA Spaces Release Notes July 2019

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This document describes the new features, enhancements, fixed bugs, open bugs, and related documentation for Cisco DNA (Digital Network Architecture) Spaces Release July, 2019. Use this document in conjunction with the documents listed in the [Related Documents, on page 3](#) section.

Introduction to Cisco DNA Spaces

Cisco DNA Spaces is a multichannel engagement platform that enables you to connect and engage with visitors at your physical business locations. It covers various verticals of business such as retail, manufacturing, hospitality, healthcare, education, financial services, and so on. Cisco DNA Spaces also provides solutions for monitoring and managing assets in your premises. Cisco DNA Spaces offers a variety of toolkits, apps, and APIs to turn these insights into action.

The following are the major features of this release:

- Support to import CMX Zones created in Cisco CMX or Map Services to Cisco DNA Spaces through dashboard.
- Map Services support for Cisco AirOS network connected to Cisco DNA Spaces through Wireless Controller Cloud Connect
- Enhanced the network sync server to synchronize the CMX zones in Cisco DNA Spaces with Map Services and Cisco CMX.
- Display and label changes to charts in Behavior Metrics
- Excluded security appliances from AP count for licenses to facilitate adding more access points for a license.
- Made SSID deletion independent of wireless network to resolve network synchronization issues.

New Features - July 2019

Cisco DNA Spaces Dashboard

The following new features are added to the Cisco DNA Spaces dashboard:

Cisco CMX-CMX Zone Support

Cisco DNA Spaces dashboard now supports to import the CMX Zones added to **Cisco CMX**. CMX Zones can be added under floors.

CMX Zones will just have X,Y coordinates, and will not have any access points associated with them.

You can now import the CMX Zone manually using the **Add CMX Zone** option.

In the Cisco DNA Spaces dashboard, in the **Location Hierarchy** window, a new option **Add CMX Zone** is now available under the **More Actions** menu for floors.

Map Services - CMX Zone Support

Cisco DNA Spaces dashboard now provides CMX Zone support for **Map Services**. The CMX Zones added to **Setup > Map Services** can now be imported to Cisco DNA Spaces location hierarchy.

CMX zones will just have X,Y coordinates, and will not have any access points associated with them.

For the existing locations in Cisco DNA Spaces, if any CMX Zone was created in **Map Services** before this CMX Zone support, that CMX Zone will not be imported automatically during synchronization. You have to manually add it to the location hierarchy using the **Add CMX Zone** option. Once added, all the updates done for this particular CMX Zone will be synchronized automatically. All the CMX Zones added to **Map Services** after this CMX Zone support, will get imported automatically to Cisco DNA Spaces location hierarchy.

In the Cisco DNA Spaces dashboard, in the **Location Hierarchy** window, a new option **Add CMX Zone** is now available under the **More Actions** menu for floors.

Map Services for WLC Direct Connect

Cisco AireOS customers connected through Wireless Controller Cloud Connect can now import the locations using the **Setup > Map Services** option in the Cisco DNA Spaces dashboard. This functionality enables you to import the locations in the same hierarchy structure (Campus-Building-Floor) in which they are defined in Cisco Prime. Previously, Cisco AireOS customers connected through Wireless Cloud Connect could import only the Wireless Controller IPs and access points as locations.

To use the **Map Services** feature, you have to download the required locations from the **CMX Prime**, and then import them to the **Map Services** option. Then, you can import these locations to the location hierarchy. To support this feature, in the **Add a Wireless Network** window, for **WLC Direct Connect**, two separate options **Access Point Prefix** and **Map Services** are now available.

Network Sync Server-CMX Zone Support

Cisco DNA Spaces network sync server now supports the synchronization of CMX Zones. The support is available for CMX Zones added to **Cisco CMX** and **Map Services**.

Network Sync server will add, update, and delete the CMX Zones in the location hierarchy based on the changes made in Cisco CMX or Map Services.

However, for the existing locations in Cisco DNA Spaces, if any CMX Zone was created in **Map Services** before this CMX Zone support, that CMX Zone will not be imported automatically during synchronization. You have to manually add it to the location hierarchy using the **Add CMX Zone** option. Once added, all the updates done for this particular CMX Zone will be synchronized automatically. Also, the CMX zones added previously from backend will get updated or deleted based on changes in **Map Services**.

Enhancements - July 2019

Cisco DNA Spaces Dashboard

The following changes are made to the Cisco DNA Spaces dashboard:

License-Exclude Security Appliances

During network Synchronization, the Security Appliances are now excluded when counting the access points for a Cisco DNA Spaces license. Previously, security appliances were also counted along with access points, which did not allow for using all the permitted number of access points for a given license.

Behavior Metrics

The following changes are made to the **Behavior Metrics** report.

- If there is no data for a particular chart or graph for the selected period, the graph will be dimmed, and the label "No data available for the selected time period" appears in the chart. Previously, the label "Report data unavailable" appeared in red if data was not available.
- If there is no data for a sub brand defined, the graph for the sub brand appears as dimmed in the report. Also the label, "You have not created any brands" appears in the chart. Previously, the label "Report data unavailable" appeared in red if there is no data for a sub brand.

SSIDs- Support for Independent Deletions

Cisco DNA Spaces now enables you to delete the SSIDs even if they are not deleted from the wireless network such as Meraki. This enhancement enables you to delete unwanted SSIDs during delay in network synchronization.

Bugs

Fixed Bugs

Table 1: Fixed Bugs

CDETS ID Number	Description
CSCvp28767	LocationDistribution API response giving only one AP Mac when there are 2 APs with same names.
CSCvo00172	Cumulative Stats - Location Count and AP counts are mismatched
CSCvo19097	Visitor, Locupdate and Visits data is displayed as N/A after removing the location

Open Bugs

Table 2: Open Bugs

CDETS ID Number	Description
CSCvp46851	Tooltip had multiple pointer while placing cursor in the scatter plot charts.

Related Documents

You must use this document in conjunction with the following support documents:

- [Configuration Guides](#)

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