

February 2020

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Introduction to Cisco Spaces

Cisco Spaces is a location platform that leverages existing Wi-Fi infrastructure to give you actionable insights and drive business outcomes. It 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 Spaces also provides solutions for monitoring and managing assets in your premises. Cisco Spaces offers a variety of toolkits, apps, and APIs to turn these insights into action. In addition, Cisco SpacesCisco Spaces through its partner program, offers different apps for different verticals.

The following are the major features of this release:

- In the Partner dashboard, a new event **BLE Update** is added to receive BLE device updates.
- Support for Captive Portal authentication through Instagram.
- Enhanced the **Access Code** window to display content in different color and fonts.
- Support to export access codes as PDF.
- Support to delete multiple access codes simultaneoulsy, including expired access codes.
- Provision to display the total count of expired access codes.
- A new graph, **Retail Experience Grid**, in Behavior Metrics Retail vertical to view the consolidated report for all the locations for a particular month.
- Enhanced the Network Topology API to provide Floor Number support for the network hierarchies created using Cisco Catalyst Center.

New Features - February 2020

Cisco Spaces Dashboard

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

Partner Dashboard

A new event **BLE Update** is added to the **Events** tab in the Partner dashboard to receive BLE device updates. This event is triggered when there is telemetry update from the BLE devices.

Enhancements - February 2020

Cisco Spaces Dashboard

The following changes are made to the Cisco Spaces dashboard:

Access Code Manager

The following changes are made to the **Access Code** option in the **Captive Portals** app:

- The Access Code window is enhanced to display text in different color and font.
- You can now delete multiple access codes simultaneously. A check box will appear for each access code, so that you can select multiple access codes at a time, and delete them simultaneously. You can also delete the expired access codes now.
- You can now export the access codes in PDF format. A new option **Export as PDF** is displayed under the **Export** menu that appears at the far right of the **Access Code** window.
- The total count of expired access codes will now be displayed at the top of the **Access Code** window.

Behavior Metrics

A new graph **Retail Experience Grid** will now be available in the Behavior Metrics report for the **Retail** vertical. This graph provides a consolidated report of the visit duration and visit frequency for the entire month from all the locations. The graph will be displayed only for root locations and group locations. The visit duration will be displayed in the X-axis and the visit frequency will be displayed in the Y-axis.

Partner Apps-Network Topology API

The Network Topology API is enhanced to provide Floor Number support for the network hierarchies created using Catalyst Center. Catalyst Center does not support Floor Numbers when you create network hierarchy. This has an impact on the Network Topology API, and the floor number is returned as 1 for all the floors. To resolve this, the Network Topology API will now overwrite the floor number using the metadata set at location hierarchy.

Cisco Spaces Runtime

The following new features are added to the Cisco Spaces runtime:

Captive Portal Authentication through Instagram

Cisco Spaces now supports Instagram as an authentication option in the captive portals. During customer acquisition, the customers can complete the captive portal authentication using their Instagram credentials. Currently, there is no dashboard support for this feature. You must contact the Cisco Spaces support team to avail this feature. You have to create an Instagram app using the Facebook developers app and, configure the valid website URL in it. Then configure the Instagram APP ID and Secret Key in Cisco Spaces dashboard under **Settings** > **Social Apps** in the Captive Portals app.

Issues

Issues describe unexpected behavior in the Cisco Spaces application. The Resolved Issues and Open Issues sections list the issues in this release.

The following information is provided for each issue:

- Identifier: Each issue is assigned a unique identifier (ID) with a pattern of CSC*xxNNNNN*, where *x* is any letter (a-z) and *N* is any number (0-9). These IDs are frequently referenced in Cisco documentation, such as Security Advisories, Field Notices, and other Cisco support documents. Cisco Technical Assistance Center (TAC) engineers or other Cisco staff can also provide you with the ID for a specific issue.
- Description: A description of what is observed when the issue occurs.

This section contains the following topics:

Cisco Bug Search Tool

Cisco Bug Search Tool (BST) is a gateway to the Cisco bug-tracking system, which maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. The BST provides you with detailed defect information about your products and software.

Open Issues

Table 1: Open Issues

Issue Identifier	Issue Description
CSCvq83680	RBAC - Admin users who have access only to specific locations are not able to login to dashboard.
CSCvp57525	Location Analytics- Dwell time range % is overlapping in Dwell time break down chart when dwell time values are lesser.
CSCvs79627	Meraki camera - User is able to import non camera devices as well.

Issue Identifier	Issue Description
CSCvs76739	Camera - No option provided to enter meraki credential in meraki camera page.
CSCvs90108	User not able to login to partner dashboard while using an email id of a SSO enabled domain.
CSCvs97445	Users count was showing wrong in location hierarchy page.
CSCvs67256	While adding CMX Token ,'Add API' call is getting cancelled and page is not loading.

Resolved Issues

Table 2: Resolved Issues

Issue Identifier	Issue Description
CSCvs08343	When a connector configured with hotspots is deleted, the associated hotspots do not get deleted.
CSCvs69816	CMX Tethering - When floor is deleted the floor access points were moved to building (network).
CSCvs86351	Captive Portal Edit Page - unwanted 'accesscode' text is displaying in email authentication module.
CSCvs75816	On deleting & adding the floor again, floor map is not getting displayed in the location hierarchy.