

September 2019

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Introduction to Cisco Spaces

Cisco 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 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.

The following are the major features of this release:

- Support for Meraki network synchronization using Meraki Service account.
- OpenRoaming app that enables mobile users to automatically and seamlessly roam across Wi-Fi and Mobile networks.
- For Brazil, Area Code validation for phone number entered in Data Capture form, and the phone number specified for Soft or Hard SMS authentication (runtime).
- Provision to auto format the numeric value entered in the **CPF** field of the **Data Capture** form (runtime).
- Support to capture data from Enterprise Captive Portals (runtime).

New Features - September 2019

Cisco Spaces Dashboard

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

Service Account Workflow for Meraki

The details of Meraki network such as organization, networks, APs and so on will now be fetched to Cisco Spaces using a Meraki Service account. Previously, Meraki customer account was used for fetching Meraki details, and for network synchronization thereafter.

To avail this support, customers using Cisco Meraki network must invite the Meraki service account from their Meraki customer account. You can invite the Meraki Service account using the **Organization** > **Administrators** > **Add Admin** option in the Cisco Meraki dashboard for the filtered Organization. You can contact the Cisco Spaces support team for the e-mail ID of Meraki Service account.

However, to connect Cisco Spaces to Cisco Meraki, you must still use your Meraki customer account. The customer's Meraki account is used for importing the networks into location hierarchy, for which the user has access to. The service account is used for background network synchronization to keep the Location Hierarchy up-to-date.

OpenRoaming App

The OpenRoaming app is now available for the customers who have opted for it.

The OpenRoaming app enables you to allow the mobile users to automatically and seamlessly roam across Wi-Fi and Mobile networks. The Identity Provider (IDP) will identify and authenticate the Wi-Fi users through the integration mechanism defined by the customer, and share the profile details of the users with the Cisco Spaces OpenRoaming platform.

Openroaming supports both Cisco AireOS and Cisco Meraki networks. For both networks, you must use a Cisco Spaces Connector for utilizing this app. To enable OpenRoaming, you must contact the Cisco Spaces support team.

The Open Roaming app provides various reports based on the data it collected. The details such as total number of devices connected to the OpenRoaming enabled network, the internet traffic (data exchange occurred through the network), total number of connections, average visit duration, Unique Devices chart, Devices by IDP, Monthly Internet Traffic (Data Exchange on the network during the particular month), Daily Average Visit Duration, and Data used per Customer (these can be filtered for a specific time duration such as daily, weekly, monthly or a custom duration) are displayed in the report.

Enhancements - September 2019

Cisco Spaces Runtime

The following changes are made to Cisco Spaces Runtime:

Brazil Area Code Validation

The Phone number validation for the Brazil is now enhanced to include area code validation. Phone number with dial code "+55" must be followed by any of the area code for Brazil. Only valid area codes are accepted. For example, **+5500xxxxxxx** is invalid as **00** is not a valid area code. This validation is applicable for mobile numbers captured anywhere in the captive portal.

CPF Field Masking

In the **Data Capture** form, the **CPF** field is now enhanced to convert the value entered in it to the "000.000.000-00" format. The number will be formatted automatically as the user enters the CPF number value. So now the captive portal users do not have to add dots or hyphen manually to maintain the required format.

Enterprise Portal Data Exchange

The captive portal runtime now supports data exchange between the enterprise captive portals and Cisco Spaces. This allows the customers to have their own enterprise captive portal, and store the data it collects with Cisco Spaces. This enables the customer to provide personalized experiences to their end users.

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
CSCvr12826	Unable to login to dashboard , throws type error Upper case is not function
CSCvq31873	LIVE - Unable to get the URL option for Webex teams and email option in engagement rule.
CSCvr21932	RBAC - Unable to create controller using V3 SNMP version "Failed to create controller"
CSCvq83680	RBAC - Admin users who has access to specific locations was not able to login to dashboard.
CSCvq83686	Unable to launch the dashboard when ad blockers are enabled.

Issue Identifier	Issue Description
CSCvq99869	Portal - On copying a portal with the asset, Asset is not added in the newly created portal.
CSCvp96608	Setup Widget Import Controllers Count is wrong for Spaces Connector.
CSCvq79930	RBAC-If the token is expired,On clicks activation link it throws "Failed to get activate the user"
CSCvq41890	RBAC - While login ACM user, First it's redirected to CP and then ACM page is displayed.
CSCvq24076	Right Now - On modifying location hirearchy, existing associated counters not cleared.
CSCvp57525	Location Analytics- Dwell time range % is overlapping in Dwell time break down chart when dwell time values are lesser

Resolved Issues

Table 2: Resolved Issues

Issue Identifier	Issue Description
CSCvr12782	Unable to view Token for WLC Direct widget for Base subscription accounts.
CSCvr22232	User is not able to change the password when the password is going to expire.
CSCvq89946	Connector container upgrade doses not work from qa-dnaspaces cloud.
CSCvq99180	Connector status displayed on Cisco Spaces cloud does not match the Connector UI status.
CSCvr39336	API server - Event details were missing for new floor added to existing activation.
CSCvr46654	Connection terminated while editing any one app, where more than one app activated to same location.
CSCvr23534	Visitor count is not proper when SSID info is not received during visit start and received later.