



Release Notes for the Cisco Enterprise Mobility Services Platform (EMSP) 2.1 Release

Release Month: September, 2015

Contents

This document describes the system requirements, new features, enhancements, and known issues for the Enterprise Mobility Services Platform (EMSP). Use this document in conjunction with the documents listed in the [“Support” section on page 5](#).

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Introduction to the EMSP Platform

The EMSP is a mobile application platform that enables the rapid delivery of context-aware mobile experiences to meet the business requirements and customer expectations. The EMSP includes a cloud based application server that combines Cisco network infrastructure capabilities with enterprise and open cloud systems. It enables to create ready-to-use modules for mobile, web, and native applications.

The EMSP comprises of several applications that you can install and subscribe to, such as WiFi-MX, EMSP App Builder, EMSP Studio, EMSP SDK, and EMSP API. These applications enable you to access various features of the EMSP.



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System Requirements

This section lists the operating systems, software requirements, and browsers that the EMSP supports.

- [System Requirements for the EMSP, page 2](#)

System Requirements for the EMSP

Table 1 *System Requirements for the EMSP (WiFi-MX, EMSP App Builder, EMSP Studio, EMSP SDK, and EMSP API)*

Item	Supported Requirements
Operating System	<ul style="list-style-type: none"> • Microsoft® Windows® XP or later • Mac OS X 10.6 or later
Browser	<p>Windows OS</p> <ul style="list-style-type: none"> • Internet Explorer version 9 or later • Firefox version 30 or later • Chrome version 34 or later • Safari version 5.1.7 or later <p>Mac OS</p> <ul style="list-style-type: none"> • Firefox version 30 or later • Chrome version 34 or later • Safari version 5.1.7 or later
Runtime Environment	Adobe Air version 3.0 or later
Mobile SDK	iPhone OS 6.0 or later, Android 2.3 or later

New Features

The following are the new features added to the EMSP for this release:

WiFi-MX

- [Support Through E-mail, page 3](#)
- [Quick Start Guide, page 3](#)
- [Tablet and Laptop Preview for Portals, page 3](#)
- [Mobility Service Engine \(MSE\) Connectivity Validation with Error Handling, page 3](#)

EMSP Modules

- [Beacon Trigger Container, page 3](#)

EMSP SDK

- [Feature Pack for the Beacon Trigger Container, page 4](#)

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EMSP App Builder

- [Feature Pack for the Beacon Trigger Container, page 4](#)

WiFi-MX

Support Through E-mail

The WiFi-MX is enhanced to automatically copy the support e-mail address to the clipboard based on the browser, if the browser supports it. When you click the icon for support in the WiFi-MX dashboard, the support e-mail address gets copied to the clipboard automatically. You can also copy the support email address manually from the description that appears, when you click the icon for support.

Quick Start Guide

The WiFi-MX with Meraki Quick Start Guide is added to the WiFi-MX. You can access this guide from the WiFi-MX Help button in the WiFi-MX dashboard.

Tablet and Laptop Preview for Portals

The WiFi-MX now supports Tablet and Laptop preview for portals. You can view the tablet and laptop preview of a portal using the Style sheet Editor button that is available when you open a portal.

Mobility Service Engine (MSE) Connectivity Validation with Error Handling

The EMSP is enabled to validate and authenticate the MSE URL with error handling. The EMSP validates and authorizes connectivity to the MSE.

The following messages are shown based on the validation:

- If the MSE URL is invalid—*Please Enter valid Server Url*
- If unable to connect to the MSE domain/port/id provided—*Failed to connect MSE Server*
- If the MSE is not authenticated with the given credentials—*Failed to authenticate MSE credential*

EMSP Modules

Beacon Trigger Container

A new module, Beacon Trigger Container, is added to the EMSP. This is a container module that enables you to show or hide the modules that are added to the Beacon Trigger Container based on the distance of the user's device from the configured beacon.

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EMSP SDK

Feature Pack for the Beacon Trigger Container

The EMSP SDK is enhanced with the feature pack for the Beacon Trigger Container module. This feature pack enables the EMSP SDK to activate the Beacon Trigger Container in a website added to an app.

EMSP App Builder

Feature Pack for the Beacon Trigger Container

The EMSP App Builder is enhanced with the feature pack for the Beacon Trigger Container module. This feature pack enables the EMSP SDK to activate the Beacon Trigger Container added to an app.

Enhancements

The following are the enhancements made to the existing features of the EMSP.

EMSP Modules

- [Context Aware Container, page 4](#)
- [Micello Way Finding, page 4](#)

Enhancement to the EMSP Modules

Context Aware Container

The Context Aware Container module now supports MSE Zone/MSE Tag targeting and New/Repeat User targeting. You can configure to show or hide modules in the Context Aware Container module based on the MSE zone or MSE tag of the user. You can also configure to show or hide modules based on the type of user, whether new user or repeated user.

Micello Way Finding

The enhanced Micello Way Finding module supports multi floor and multi building way finding for the Cisco Unified Wireless Network (CUWN).

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Known Issues

Table 2 ***Known Issues in EMSP***

Description
<p>The Style Sheet Editor page—When the Style Sheet Editor page loads for a portal in the WiFi-MX dashboard, the CSS Editor pane occupies more than half of the window space.</p> <p>Workaround: None</p>
<p>Desktop Preview in Style Sheet Editor—In the WiFi-MX, when the Desktop Preview loads for a portal from the short-cut, the preview does not zoom as per the screen size. But the preview zooms out properly when loaded again after navigating to another page.</p> <p>Workaround: None</p>
<p>Disabling Beacon in the EMSP SDK or the EMSP App Builder—When a beacon is removed or out of range, it takes approximately 10 seconds to reflect the change to the user.</p> <p>Workaround: None</p>
<p>Beacon Range in the EMSP SDK or the EMSP App Builder—The displaying or hiding of modules based on the Beacon Trigger Container configuration is deactivated only when the user is beyond the range configured in the beacon device. This issue occurs when the Proximity for a Beacon is configured as either Near or Far.</p> <p>Workaround: None</p>

Support

The support documentation is available at <https://emsp.cisco.com/Support>