



# Cisco TelePresence Management Suite Extension for Microsoft Exchange 5.2

## Software Release Notes

First Published: April 2016

Software Version 5.2



## Preface

### Change History

**Table 1 Software Release Notes Change History**

Date	Change	Reason
April 2016	Addition of new features	Cisco TMSXE 5.2

## Introduction

Cisco TelePresence Management Suite Extension for Microsoft Exchange integrates Cisco TelePresence Management Suite with Office 365, and Microsoft Exchange 2013, 2010, and 2007, allowing organizers to book video conference resources through their Outlook clients.

If upgrading from a version earlier than 4.0.3, make sure to read for precise instructions on the order of Cisco TMS and Cisco TMSXE upgrades and disabling Cisco TMSXE services.

The changes to the product are described in this document.

## New in 5.2

### ESXi 6.0 Support

Cisco TMSXE now supports ESXi 6.0. It also works with the previous version 5.5.

### One Button to Push (OBTP) for CMR Cloud

One Button to Push (OBTP) support for CMR Cloud has been added in Cisco TMSXE. The user receives a dial-in number when a WebEx meeting is scheduled from the WebEx Productivity Tools with TelePresence and this dial-in number is stored as an externally hosted dial string in Cisco TMS. The dial-in number is displayed in the **Telepresence Details** section of the confirmation mail for the meeting.

In the current release of Cisco TMS 15.2.1 and Cisco TMSXE5.2, T31 WebEx Productivity Tools with TelePresence supports CMR cloud meetings.

By using WebEx Productivity Tools with TelePresence that supports CMR Cloud, the Microsoft Outlook user can add telepresence participants, schedule meeting with Telepresence Rooms and WebEx.

WebEx Productivity Tools with TelePresence gets the appropriate SIP URI and sends the external video address to Microsoft Exchange. Cisco TMSXE gets this information from Microsoft Exchange and passes it to Cisco TMS so that Cisco TMS systems can connect by using the video address. This can be done by using the **OBTP** feature. If there is an update to SIP URI, then Cisco TMSXE sends a confirmation to the user.

Cisco TMS pushes the **OBTP** dial information into the managed endpoints to create an OBTP. Then, Expressway Calendaring Service adds an extra attribute to Microsoft Exchange invite that is picked by Cisco TMSXE.

When Cisco TMSXE gets an invite with one or more conference rooms, a new TMS meeting is created in Cisco TMS via Cisco TMSBA. Cisco TMSXE sets the meeting as externally hosted, and also the **OBTP** is an externally hosted P-CMR URI.

WebEx Productivity Tools with TelePresence scheduling works in the same way as OBTP. The WebEx Productivity Tools with TelePresence client for Windows or Mac inserts the URI for external bridge in the Microsoft Exchange invite.

If the meeting type is set to **OBTP**, then **OBTP** carries the video information to the endpoint.

When any change like add, update and remove is made to a conference in Cisco TMSXE then Cisco TMSXE updates the modification in Cisco TMS.

When a conference is created and the **OBTP** option is excluded, then the call is handled as a conference with its default conference type in Cisco TMS.

The default conference type must be set to OBTP, perform the steps given below:

1. In Cisco TMS, go to **Administrative Tools > Configuration > Conference Settings > Conference Creation**.
2. Set the **Default Reservation for Scheduled Calls** field to **One Button To Push**.

In Cisco TMS 15.2.1 and Cisco TMSXE 5.2, booking confirmation email supports the new simplified HTML email format, which aligns with the WebExCloud generated email invite.

Note that, if the user uses an older version of Cisco TMS, then they will get old templates.

## Resolved and Open Issues

Follow the link below to find up-to-date information about the resolved issues in this release:

[https://bst.cloudapps.cisco.com/bugsearch/search?kw=\\*&pf=prdNm&pfVal=283613664&rls=5.2&sb=anfr&bt=custV](https://bst.cloudapps.cisco.com/bugsearch/search?kw=*&pf=prdNm&pfVal=283613664&rls=5.2&sb=anfr&bt=custV)

You need to refresh your browser after you log in to the Cisco Bug Search Tool.

## Changes to Interoperability

Ensure that you read the [Interoperability, page 5](#) section of this document, which contains important information about upcoming changes to Exchange version support and support for older versions of the product.

## Limitations

Limitation	Description
Large deployments using Office 365	Office 365 limitations on mail quantities may affect booking confirmations and declines to users in very large deployments. For numbers, see Microsoft's documentation: <a href="#">Recipient and sender limits</a> .
Editing a series with an ongoing meeting in Outlook Web App with Office 365	Editing a series while an occurrence is ongoing will cause the ongoing meeting to end if using OWA with Office 365.
Personal calendars not automatically updated	Microsoft Exchange does not allow other applications to access and modify personal calendars.  When an existing booking is modified using Cisco TMS, Cisco TMSXE will update the room (resource) calendar, but not the calendars of the organizer and the participants.  The organizer must distribute the updated information to the participants.

Limitation	Description
Extending ongoing meetings can cause participants to be dropped	<p>If extending an ongoing meeting to a time when one or more participants are already scheduled for another meeting, these participants will automatically be rejected from the meeting in Exchange. Cisco TMS subsequently drops the participants from the conference and a decline message is sent to the organizer.</p> <p>This behavior is as expected with mailboxes set not to allow conflicts in Microsoft Exchange, and is not caused by Cisco TMS or Cisco TMSXE. No support for per-resource subject line settings.</p>
No support for per-resource subject line settings	<p>Make sure the following settings are configured identically for <i>all</i> Exchange resources to be added to Cisco TMSXE:</p> <ul style="list-style-type: none"> <li>■ <b>Delete the subject</b></li> <li>■ <b>Add the organizer's name to the subject</b></li> <li>■ <b>Remove the private flag on an accepted meeting</b></li> </ul> <p>See <i>Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide</i> for information on how to configure these settings.</p>

## Interoperability

Ensure that you read this section which contains important information about upcoming changes to Exchange version support and support for older versions of the product.

## Upgrade Instructions

For complete upgrade instructions, please see *Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide (5.2)*.

## Prerequisites and Software Dependencies

In order to perform an in-place upgrade, the installed version of Cisco TMSXE must be 3.0 or later. If an earlier version is installed, the administrator must perform a full installation with data migration.

See *Cisco TelePresence Management Suite Extension for Microsoft Exchange Installation Guide (3.0)* for migration instructions.

## Upgrading to Cisco TMSXE5.2

### Upgrading when Cisco TMS is version 14.4 or 14.4.1

If upgrading Cisco TMS and Cisco TMSXE and the former is version 14.4 or 14.4.1:

- Disable the Cisco TMSXE service, on both nodes if clustered, before upgrading Cisco TMS.
- Start the service when both Cisco TMS and Cisco TMSXE is upgraded on all servers/nodes.

## Upgrading from Versions Earlier than 3.1

- After upgrading Cisco TMSXE from a 3.0.x version, a re-replication of all bookings in Cisco TMS will be performed on startup to clean up discrepancies between Cisco TMS and Exchange resource mailboxes. Depending on the size of your Cisco TMS database and the number of bookings, this process may take a very long time to complete, and we therefore strongly recommend performing the upgrade off hours.
- Migration from Cisco TMSXE 2.x is no longer supported. Customers currently running Cisco TMSXE 2.x must migrate to Microsoft Exchange 2010 and Cisco TMSXE 3.0.2, which includes the necessary tools for migrating Cisco TMSXE. They can then upgrade to the latest version.

## Before You Start

We strongly recommend using Cisco TMSXE Deployment Guide to get the complete overview of prerequisites and best practices for installations and upgrades.

Make sure you are logged in as a local administrator on the server.

## Running the Installer

1. Stop the Cisco TMSXE Windows service, on both nodes if upgrading a clustered deployment.
2. Check Windows Update and install any critical updates to the .NET framework on the server or servers where Cisco TMSXE will be installed. Make sure the .NET version is 4.0 or later. Reboot the server after installing if prompted.
3. Place the installation files on the server.
4. Run the Cisco TMSXE installer and accept the End-User License Agreement (EULA) to start the installation process.
5. The installer will detect that you have a previous installation of Cisco TMSXE. Click **Upgrade** to continue.
6. Click **Next** to start the setup.
7. Accept the terms in the license agreement and click **Next**.
8. Select which components to include with your installation:
  - Cisco TMS Booking Service is required if planning to use WebEx Productivity Tools with TelePresence. If enabling this, you will be prompted to modify or confirm the name of the IIS application pool to which you want Booking Service installed. .
  - Cisco TMSXE Clustering is required if you want to set up Cisco TMSXE with redundancy. See the deployment guide for further instructions on upgrading to a clustered deployment.
  - Performance Monitors can be enabled to allow monitoring Cisco TMSXE performance using standard Windows tools.
9. If an earlier version of Cisco TMSXE is currently installed, you are prompted to upgrade.
  - Click **Yes** to continue. Upgrading removes the old version and upgrades the existing Cisco TMS database.
  - Click **No** to abort the installation and leave the current installation untouched.
10. When the upgrade is completed, click **Finish**.
11. The configuration tool launches.

## Configuring Cisco TMSXE

1. Click through the configuration wizard, modifying settings and adding systems if needed.
2. All settings from the previous version are kept and will be re-validated as you click **Next**.

- At the **Active Directory Settings** tab, you can select Mode from the **Mode Selection** section. By default, **Active Directory Mode (Recommended)** option is selected and it is also recommended. The **Allow organizers without Cisco TMS username (Non-Active Directory Mode only)** option has been moved from **Advanced Settings** tab to **Active Directory Settings** tab and this option is available only when the **Non-Active Directory Mode** is selected. The existing functionality of enabling **Non-Active Directory Mode** through command prompt can be performed in **Mode Selection** section of **Active Directory Settings** tab. Hence the dependency of enabling **Non-Active Directory Mode** through command prompt is removed.

TMSXE Configuration

CISCO

**Active Directory Settings**

Enter the Active Directory connection details below. For guidance to configure Mode Selection and Alternate Active Directory for Organizer Lookup, see the deployment guide.

Mode Selection \_\_\_\_\_

Active Directory Mode (Recommended)

Non-Active Directory Mode

Alternate Active Directory for Organizer lookup \_\_\_\_\_

Use Alternate Active Directory

Username

Password

Domain

Global Catalog Server

<< Previous      Next >>

4. At the Exchange Web Services step, you may choose to configure new settings, such as:
  - Autodiscover CAS. Note that enabling this disables the Server Address field and relies on Autodiscovery being enabled in your Exchange environment.
  - Resource mailbox impersonation, which eliminates the need for full mailbox access, but is not supported for Exchange 2007.
  - WebEx Scheduling Mailbox.

5. A new check box **Enable email Notification for Single System Booking** has been added in the **Advance Settings** tab. You have to select it to receive an email confirmation for a single system booking.
6. Click **Finish** when all settings have been validated. A prompt will ask you whether you want to start the Cisco TMSXE service.
  - If upgrading a clustered deployment, decline, and repeat the above procedure for the second node before starting the service on both nodes.
  - If you decline, you must manually start the service when you are ready.





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