Cisco TelePresence Management Suite Extension for Microsoft Exchange Version 4.1

Software Release Notes
October 2014

Contents

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 videoconference resources through their Outlook clients.

Cisco TMSXE 4.1 is a maintenance update for users of 4.0, and a major upgrade for users of earlier versions.

If upgrading from a version earlier than 4.0.3, make sure to read Upgrading to 4.1 [p.11] 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.

Changes to interoperability

Ensure that you read the Interoperability [p.11] section of this document, which contains important information about upcoming changes to Exchange version support and support for older versions of the product.

Product documentation

The following documents provide guidance on installation, initial configuration, and operation of the product:

- *Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide*
- *Replacing Cisco TelePresence Manager with Cisco TMS and Cisco TMSXE Deployment Guide*
- *Cisco TelePresence Management Suite Extension for Microsoft Exchange User Guide*

New features and functionality

The following features and functionality have been added to Cisco TMSXE 4.

New in 4.1

Replacing Cisco TelePresence Manager

This release introduces improved and documented support for replacing Cisco TelePresence Manager-based deployments with Cisco TMS and Cisco TMSXE:

- *Replacing Cisco TelePresence Manager with Cisco TMS and Cisco TMSXE Deployment Guide* gives an overview of both deployment models and task-by-task instructions for the replacement procedure.
- The new Meeting Updater reads extended meeting settings from Cisco TelePresence Manager and re-adds them to meetings after import to Cisco TMS.

Trial import

The new trial import feature allows customers who have Exchange mailboxes with existing bookings to see how they will be handled by Cisco TMSXE without modifying Exchange.

The trial import can be used for any mailboxes with existing bookings being added to a new Cisco TMSXE deployment, and is a strongly recommended part of the Cisco TelePresence Manager replacement process.

Improved conflict handling

In the case of a routing conflict or other resource issue in Cisco TMS, meetings booked through Cisco TMSXE will now be stored as *Defective* in Cisco TMS rather than downgraded to *Reservation*:

- A defective meeting has no routing, but retains the original connection type and will be restored to a fully functional state when the resource issue is resolved. Until resolved, the meeting will not be initiated or sent to endpoint calendars by Cisco TMS.
- Most defective meetings can be resolved by end users rescheduling their meeting following the instructions in the notification from Cisco TMS.
- Administrators can locate and resolve issues from the Cisco TMS **List Conferences** or **Conference Diagnostics** pages. Permanent routing problems require administrator intervention.
- When scheduling a series, only individual occurrences with conflict will be stored as defective, the remaining occurrences will be fully functional.
- Cisco TMSXE now supports the Exchange mailbox settings **ConflictPercentageAllowed** and **MaximumConflictInstances**, making it possible to schedule a meeting series even if some occurrences have conflicts.

Note that the mailbox setting **AllowConflicts** must still be set to *False*, as Cisco TMS does *not* support double-booking of telepresence rooms.

Cisco TMSXE 4.1 requires Cisco TMS 14.5.

Support for resource mailboxes using delegates

Using delegates for room mailboxes is now supported by Cisco TMSXE, but *not* when using Productivity Tools with Outlook.

For supported scenarios and recommended settings, see the Cisco TMSXE Deployment Guide.

Improved logging

Cisco TMSXE now provides more extensive log information without setting the log level to DEBUG.

A new filtered conference history log includes all conference events from Cisco TMSXE.

Other changes

- Support for Microsoft Exchange 2013 SP1.
- Performance improvements for startup and shutdown in deployments with Office 365.

Changes in 4.0.3

Office 365 now supported

Cisco TMSXE is now supported for production use with Microsoft Office 365.

For requirements and recommendations when deploying with Office 365, see Cisco TMSXE Deployment Guide (4.0.3).

Note that:

- Hybrid scenario support is limited due to Microsoft limitations on cross-premises booking. See the deployment guide for details.
- Startup and shutdown times may be extensive when using Cisco TMSXE 4.0.3 with Office 365 and a large number of mailbox servers; up to 20-30 minutes startup and 45 minutes shutdown depending on your environment. These issues will be addressed in a coming release of Cisco TMSXE.

Meeting Analyzer changes

Meeting Analyzer now runs considerably faster in large deployments and Office 365 deployments.

Meeting Analyzer now filters out tentative appointments found in Microsoft Exchange from its reports, unless there is a corresponding booking in Cisco TMS. When not filtered out, tentative meetings will be displayed in the Meeting Analyzer report, but will not be flagged as inconsistent.

Replicator logging

When the replicator has finished processing all current transactions in Cisco TMS, the details are now logged in **TMSXE-log-file.txt** as INFO. It is no longer necessary to turn on DEBUG logging to view this information.

New in 4.0

Support for Microsoft Exchange 2013

Cisco TMSXE can now be used with Exchange 2013.

Note that Exchange 2013 SP1 is not supported, and that undocumented changes in SP1 are also causing issues with Cisco TMSXE for Office 365, see Limitations [p.10].

Support for Office 365 in technical preview—extended field trial

We have extended the Early Field Trial (EFT) program for Cisco TMSXE supporting Office 365 (Exchange Online).

- Until the EFT program completes, Cisco TMSXE is not supported for production use with Office 365.
- When the EFT program completes, we will provide an update to documentation and/or software.

Multiple Client Access Servers and autodiscovery

Cisco TMSXE now supports having multiple Client Access Servers through the use of CAS autodiscovery.

When Client Access Server (CAS) autodiscovery is enabled, the Cisco TMSXE service user will connect to the Exchange CAS using an autodiscovery service configured on the domain.

Note that CAS autodiscovery is not supported for Exchange 2007-based deployments.

Mailbox impersonation

The Cisco TMSXE service user can now impersonate resource mailboxes when making calls, thus avoiding throttling in Office 365, which does not support throttling policies. For other Exchange versions, enabling this setting will eliminate the need for special throttling policies for the service user.

Note that impersonation is not supported for Exchange 2007-based deployments.

Redundancy

Cisco TMSXE can now be installed on multiple clustered servers. When enabled in the installer, the setup process guides the administrator through the setup of the first node and additional nodes. Cisco TMSXE clustering provides active/passive redundancy.

This clustering does not affect Cisco TMS Booking Service, which requires a load balancer for redundancy. For instructions on setting up redundancy for both Cisco TMSXE and Cisco TMS Booking Service, see the deployment guide.

Note that redundancy is not supported for Exchange 2007-based deployments and deployments where Cisco TMS and Cisco TMSXE are co-located on the same server.

Batch import of endpoints and mailboxes

The configuration tool now supports importing **.csv** files containing multiple Cisco TMS system IDs and mailbox names for endpoints, simplifying the setup process. A **.csv** file containing all endpoints/mailboxes that have been added to Cisco TMSXE can also be exported.

Add and remove mailboxes while Cisco TMSXE is running

You can now add and remove endpoints while the Cisco TMSXE Windows service and the Cisco TMS Booking Service are running. The changes will be applied automatically without restarting the service, after a

minimum of 10 and a maximum of 30 minutes after saving the change.

Improvements to startup performance and memory usage

Improved performance in high load scenarios. Significantly reduced:

- The memory footprint of Cisco TMSXE.
- Startup times for deployments with a large number of endpoints.

Cisco TMSXE Meeting Analyzer

The Cisco TMSXE setup now also installs Meeting Analyzer, which is a troubleshooting tool for identifying any discrepancies between bookings in Cisco TMS and Exchange and storing reports of the results. Meeting Analyzer also generates its own log.

For detail and instructions, see the deployment guide's **Troubleshooting** section.

Automatic configuration adjustment for large deployments

When 500 or more mailboxes are added to Cisco TMSXE, configuration changes are made automatically to optimize for larger deployments.

Deployment Guide replaces Installation Guide and Administrator Guide

All information for administrators on deploying and troubleshooting Cisco TMSXE is now gathered in *Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide*, which replaces the guides for installation and administration.

Updated hardware requirements and recommendations

For Cisco TMS, Cisco TMSXE 4.0, and Cisco TMSPE 1.2, we provide new guidance on estimating the size of your deployment, and updated hardware requirements based on deployment size.

- Memory requirements have been increased from earlier minimums to accommodate new functionality, including more extensive data caching that improves the overall application performance.
- Specific hardware and virtualization recommendations are made available for large deployments.
- Identical information on deployment sizes and hardware requirements can be found in *Cisco TMS Installation and Upgrade Guide*, and the Cisco TMSXE and Cisco TMSPE deployment guides.

Improvements to Cisco TMS booking behavior

This release of Cisco TMSXE requires Cisco TMS 14.4, in which multiple improvements to booking behavior have been implemented, which benefit Cisco TMSXE and all other clients using Cisco TelePresence Management Suite Extension Booking API.

Most of the improvements apply to recurrent meeting series. For an overview of the changes, see the **New in 14.4** section of *Cisco TMS Release Notes (14.4)*, particularly the subsections **Conference recurrence improvements** and **Changes to Cisco TMSBA (Booking API)**.

Support for adding organizer to blank subjects

A new setting **Never Display Organizer in Subject** has been added to the configuration tool's **Advanced Settings** tab.

When resource mailboxes are set to both **Delete Subject** and **Add Organizer to Subject**, enabling this setting keeps the subject for the meeting entirely blank.

Disabling the setting will inject the organizer's name in the subject after the subject has been removed.

Built-in performance monitoring

Administrators can now choose to enable performance monitoring during installation, which allows the use of the Windows Performance Monitor tool to track Cisco TMSXE performance.

Logging improvements

A filtered log containing only information about declined and downgraded bookings is now available.

For detail, see **Troubleshooting > Logs** in the Deployment Guide.

Up-to-date system and mailbox information

The display names of systems are now periodically refreshed by Cisco TMS Booking Service, making the information available to Productivity Tools more up to date.

Support for changing the service user

Changing the service user used to connect Cisco TMSXE with Exchange is now supported.

Previously, making such a change would break the link between meetings in Cisco TMS and Exchange.

Display invalid certificate

When invalid certificates are disallowed and the server presents an invalid certificate to the Cisco TMSXE configuration tool, the administrator now has the option to click to view and inspect the certificate.

Other changes

- Added a warning about potential declines and downgrades of existing meetings before first-time synchronization with a newly added mailbox.
- The configuration tool **Systems** tab now supports the use of `Shift`+arrow to select multiple systems.
- Windows Server 2012 is now supported.
- If the connection to Exchange Web Services (EWS) fails, the administrator gets prompted to look at the EWS log.
- The *No Connect* option, which requires all participants to manually call into the meeting, is now available in the Cisco TelePresence form.
- **TMSXEConfig-log-file.txt** now logs the Cisco TMSXE version on logger initialization.
- Improved handling of system replacement / reassociating a mailbox with a different system.
- Improved error messages.
- Allowed root folder as storage location for data and configuration files.

Resolved issues

The following issues found in previous versions were resolved in Cisco TMSXE version 4.

Resolved in 4.1

Table 1: Issues resolved in 4.1.

Bug Toolkit Identifier	Description
CSCur38588	Resolved issue with incorrect Cisco TMS versioning for occurrences detached from series . Affected Cisco TMS 14.5 deployments only.
CSCur22483	Made configuration tool provide better guidance to administrator during upgrade of clustered deployments.
CSCuo60458	Resolved issue occurring in some deployments using Productivity Tools where the Cisco TMS client session ID would expire and users would be unabled to schedule.
CSCuq79556	Resolved issue where it was not possible to update Cisco TMSXE's configuration when the file share became unavailable. Administrators can now use a new dialog to reset the cluster information.
CSCuo60458	Resolved issue occurring in some deployments using Productivity Tools where the Cisco TMS client session ID would expire and users would be unabled to schedule.
CSCur21412	Improved system information display in decline messages after a failed downgrade.
CSCur21135	Made client session ID handling more robust. Never blank the client session ID.
CSCur22520	Corrected erroneous log message; when removing a participant (room) from an occurrence of a series, the log message said that the occurrence was deleted.
CSCur13842	Resolved issue where some certificate errors that prevented connection to Exchange were only logged at DEBUG level.
CSCuq11725 CSCuq72161	Resolved issue where Cisco TMSXE would not send updates to Cisco TMS when the meeting organizer changed a recurrent series in Microsoft Exchange into a non-telepresence series and then added telepresence to one or more occurrences.
CSCum10488	Resolved issue where Cisco TMSXE was not correctly handling unexpected errors returned from Cisco TMS. This could lead to out-of-sync conditions between Cisco TMS and Microsoft Exchange.
CSCup15234	Resolved issue that prevented changing a single meeting to a series in some scenarios.
CSCun79705	Cisco TMSXE now uses the Cisco TMS email content type setting when selecting the formatting for email notifications.
CSCuo49846	Changed some non-critical event log messages from INFO to DEBUG.
CSCuq11719	Made Meeting Analyzer handle meeting series that are recreated by Cisco TMS.
CSCuq81065	Resolved an issue where setting up a second cluster node failed, and the administrator wasunable to save settings in the configuration tool.
CSCup29888	Resolved issue where Meeting Analyzer showed meetings as problematic when they were not.
CSCuq11692	Resolved issue where the Cisco TMSXE replicator would incorrectly clean up instances in the past that started as a non-telepresence series and that had telepresence added to one or more occurrences.
CSCuo49836	Resolved issue where removing recurrence from a series in Outlook would not remove the recurrence in Cisco TMS, and the recurrence would be replicated back to Exchange.
CSCuo60711	Resolved issue where freeing up a time slot and quickly booking a new meeting for the same time would result in booking conflict and a downgrade to *Reservation*.

Resolved in 4.0.3

Bug Toolkit Identifier	Description
CSCuq11735	Resolved the issue where the Cisco TMSXE replicator would hang on a transaction caused by the meeting organizer changing a single booking in Microsoft Exchange into a non-telepresence series and then adding telepresence to one or more occurrences.
CSCuq11767	Resolved the unhandled exception that occurred when the meeting organizer changed a single booking in Microsoft Exchange into a non-telepresence series and then added telepresence to one or more occurrences.
CSCup83654	Resolved the issue that occurred with slow Cisco TMS servers where Meeting Analyzer did not retry fetching the conference list if no data was returned on the first attempt from Cisco TMS.
CSCup83627	Resolved the issue where Meeting Analyzer could run extremely slowly when bookings were found in Cisco TMS but did not exist in Microsoft Exchange.
CSCuq11759	Resolved the issue where Meeting Analyzer incorrectly flagged some instances of very long recurrent series as missing in Microsoft Exchange.
CSCup81936	Resolved the issue that occurred if an Exchange appointment was tentative, and a corresponding Cisco TMS conference existed with an empty participant list, the Cisco TMSXE Meeting Analyzer incorrectly flagged the conference as problematic.

Resolved in 4.0.2

Bug Toolkit Identifier	Description
CSCup81943	Meeting Analyzer now filters out tentative appointments in Exchange that do not also exist in Cisco TMS and never reports tentative appointments as errors.
CSCup70354	Resolved issue where Meeting Analyzer erroneously included deleted meetings.
CSCup81955	Removed superfluous connection checks performed during startup of Meeting Analyzer and the Cisco TMSXE service.
CSCup64512	Resolved issue where Meeting Analyzer would incorrectly report missing participants in Cisco TMS meetings.
CSCup64515	Improvement to Meeting Analyzer performance when connecting to Office 365 and using CAS Autodiscovery.
CSCup52581	Removed 10 minute time limit that would cause Meeting Analyzer timeouts in some scenarios.
CSCup76457	Resolved issue where occurrences would be lost if telepresence rooms were first removed from a series and later re-added to individual occurrences.
CSCup62785	Resolved issue where Cisco TMSXE would skip processing of updates to meetings incorrectly calculated as being in the past. This would lead to Exchange and Cisco TMS becoming out of sync.
CSCup25111	Resolved issue where Cisco TMSXE would fail to push updates of occurrences of series with relative monthly patterns to Cisco TMS if the series start date was in the past. Example pattern: Third Thursday of every month.
CSCup29612	Resolved issue where Cisco TMS did not receive some updates to resource calendars.

Bug Toolkit Identifier	Description
CSCuo49845	Resolved issue where modifying a series exception in Cisco TMS caused the modification to be reverted and the occurrence to be removed.

Resolved in 4.0.1

Bug Toolkit Identifier	Description
CSCuo72702	Resolved issue where replication of bookings from Exchange to Cisco TMS would not be able to resume in some scenarios after losing connectivity to Exchange Web Services. No data was lost, as bookings created during replication downtime was replicated to Cisco TMS after restarting the Cisco TMSXE service.
CSCuo72713	Resolved issue where using Meeting Analyzer or leaving the application open in a clustered deployment caused unnecessary negotiations between nodes. The behavior was not destructive and did not trigger failovers.
CSCun69531	Resolved issue where Productivity Tools would fail if HTTP binding was not enabled in IIS, even though HTTPS was used.

Resolved in 4.0

Bug Toolkit Identifier	Description
CSCun83494	The configuration tool is now able to stop the Cisco TMSXE Windows service when Cisco TMS is down.
CSCum95482	Resolved issue where the processing of bookings would halt when encountering a meeting missing required properties, including **Subject**, **Start**, and **End Time**. Cisco TMSXE will now ignore bookings that are missing these properties as invalid.
CSCuh55312	Resolved issue where dates in Cisco TMS would be off by one week if modifying a series in Outlook to start before the original start date.
CSCul63091	Resolved issue where the configuration tool would not display a warning on first run after installation if no licenses for booking API usage were present in Cisco TMS.
CSCug45450	Resolved issue where the display name and location of a room mailbox, which are used by WebEx Productivity Tools with TelePresence, were only read from Global Address Book on startup of the Cisco TMSXE Windows service. The service no longer needs to be restarted for these settings to be read.
CSCun81744	Added description for the Cisco TMSXE Windows service.
CSCum10453	Resolved issue where occurrences of a series were deleted from Exchange, but not from Cisco TMSXE.
CSCuo24174	Resolved issue with the *Allow Untrusted Certificates* option not working when used with Booking Service and Productivity Tools. Note that this setting is not recommended, and that once enabled, it is irreversible.
CSCuo24178	Resolved issue with redundant replication events that were also written to log when no changes had been made to a booking.

Bug Toolkit Identifier	Description
CSCuo08303	Resolved issue where booking a series from Outlook that spanned a DST event and had exceptions and conflicts for some participants, which would cause exceptions on days with conflict to have the wrong start time.

Open issues

The following issues apply to this version of Cisco TelePresence Management Suite Extension for Microsoft Exchange:

Identifier	Description
CSCur20533	When extending an ongoing occurrence of a series to a time that creates a resource conflict with endpoints or routing, the ongoing meeting may be ended.
CSCur20446	Configuration errors that prevent the Cisco TMSXE service from starting are not always detected and reported by the configuration tool.
CSCup81973	Cisco TMSXE incorrectly sends notifications about meetings in the past to meeting organizers when importing Exchange resource mailboxes that already contain bookings, into Cisco TMSXE.
CSCuo16083	Setup with Booking Service will be discontinued and the installer will crash if: ■ the default IIS site has been deleted and no other site exists. ■ the site does exist, but is set up with HTTPS binding only.

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: Recipient and sender limits.
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
No support for per-resource subject line settings	Make sure the following settings are configured identically for *all* Exchange resources to be added to Cisco TMSXE: ■ **Delete the subject** ■ **Add the organizer's name to the subject** ■ **Remove the private flag on an accepted meeting** See *Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide* for information on how to configure these settings.

Interoperability

Support for Cisco TMSXE 2.x ends as of the release of Cisco TMSXE 4.0. All support for Microsoft Exchange 2003 is thereby discontinued.

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.

Upcoming changes to version support

Support for Microsoft Exchange 2007 will be discontinued in a future release.

Upgrading to 4.1

For complete upgrade instructions, please see *Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide (4.1)*.

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.

Upgrade instructions

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. Follow all remaining instructions provided by the installer.
10. When the upgrade is completed, click **Finish**.
    The configuration tool launches.

Configuring Cisco TMSXE

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

2. 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.

3. 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.

Document revision history

Date	Description
October 2014	Release of Cisco TMSXE 4.1.
July 2014	Release of 4.0.3.
July 2014	Release of 4.0.2 limited distribution release. No new features.

Date	Description
May 2014	Release of Cisco TMSXE 4.0.1. Resolved issues only, no new features or other changes.
May 2014	Release of Cisco TMSXE 4.0.