Cisco TelePresence Management Suite 14.2.1

Software Release Notes
Revised February 2015

Contents

Introduction

This is a maintenance release addressing two database upgrade issues, and a Cisco TMSBA issue affecting Cisco TMSXE. Users of Cisco TMSXE 3.1 must upgrade their Cisco TMS installations following the procedure here: Upgrading from 14.2 with Cisco TMSXE 3.1 [p.30]

If you have successfully upgraded to Cisco TMS 14.2 and are not running Cisco TMSXE 3.1, it is not necessary to upgrade to Cisco TMS 14.2.1.

Product documentation

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

- Web help integrated in the Cisco TMS software.
- Cisco TelePresence Management Suite Installation Guide
- Cisco TelePresence Management Suite Administrator Guide
- Cisco TMS Provisioning Extension Deployment Guide

New features

New in 14.2

Introducing support for Smart Scheduler

This release removes the TMS Scheduler from Cisco TMS.

The new Smart Scheduler has been introduced to replace it, available free as part of the Cisco TelePresence Management Suite Provisioning Extension (Cisco TMSPE). See the Cisco TMSPE Release Notes for further details.

WebEx Enabled TelePresence support

It is now possible to schedule video meetings in Cisco TMS that include both TelePresence and WebEx participants:

- Combined WebEx and TelePresence meetings with fully integrated video between the two.
- Seamless booking of TelePresence systems and WebEx users through Cisco TMS.
- Support for booking meetings with WebEx from the Booking API.
- Support for Single Sign On, also referred to as Delegated Authentication within WebEx.

Time zone awareness

As of version 14.2, all booking-related functionality in Cisco TMS is fully time zone aware. This functionality is necessary to ensure the validity of bookings that span daylight savings time (DST) change events and other changes to time zones.

The changes include:

- Booking-related dates are now stored in UTC on the server, along with a full set of DST change rules for the time zone in which the conference was booked.
- Conferences that were booked prior to upgrading to Cisco TMS 14.2 will be automatically updated with the current time zone information available for the server time zone.
- The **Conference Booking Time** setting in Conference Settings has been removed.

Existing data from previous releases may contain discrepancies affecting meetings spanning DST change events.

The Cisco TMS Time Zone Update Tool is supplied to assist administrators in avoiding incorrect meeting times post upgrade from previous versions.For backwards compatibility with reporting functionality, dates are also stored in the local server time.

The time zone update tool uses Cisco TMSBA to modify time zones. Note that you cannot change the time zone of an existing conference using the Cisco TMS web interface.

Prior to this release, all bookings were automatically made in the configured Cisco TMS server time zone. Conversion from server time zone to UTC would therefore sometimes fail in connection with DST changes.

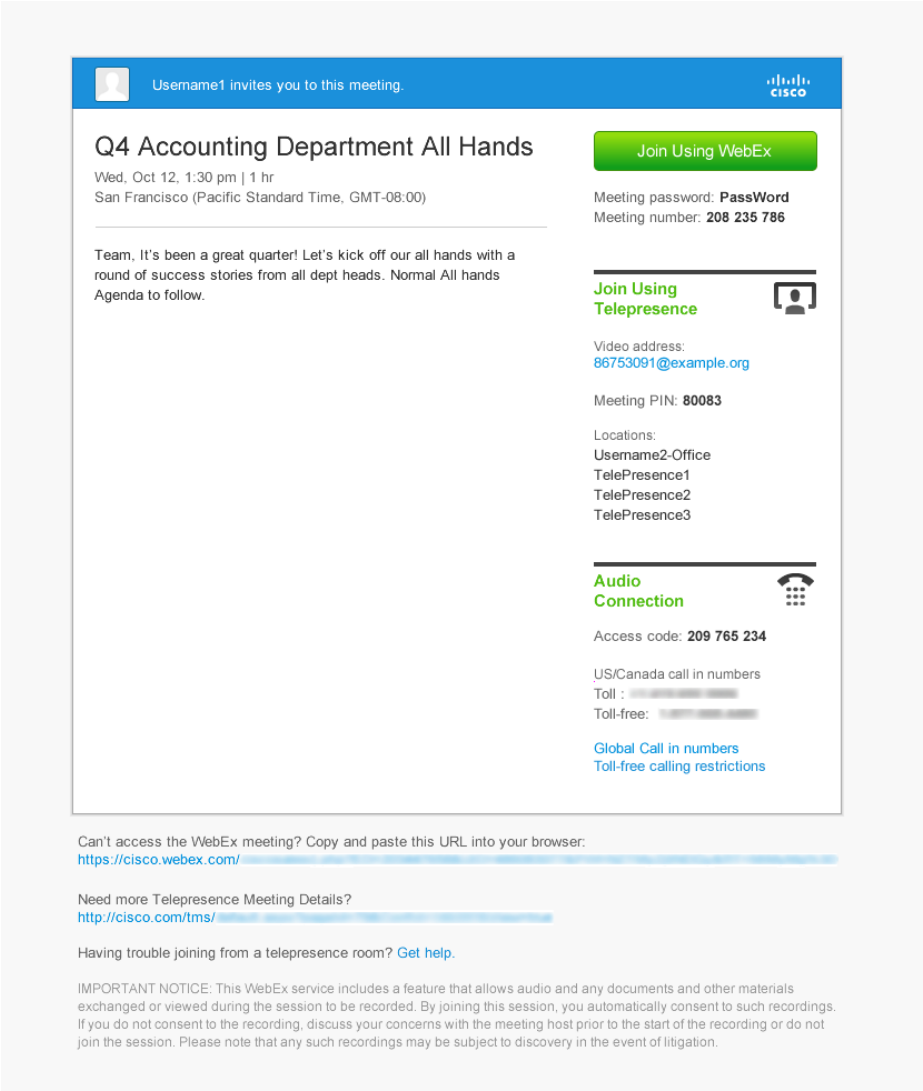
Note that changing the time zone of the Cisco TMS server is still not supported.

For more detail on how the time zone changes affect booking data and time zone data migration, see *Cisco TelePresence Management Suite Installation Guide*.

For information on how the APIs are affected by these changes, see also Cisco TelePresence Management Suite Extension Booking API [p.4]

Updated email template design and functionality

New email templates have been designed that incorporate images, clickable links, and a more intuitive layout:



Features include:

- The data contained in the email notifications has been simplified to contain only the most important details for each participant.
- Clickable links: the SIP link will open Cisco Jabber Video for TelePresence on the client machine, or any other SIP client.
- There are HTML and plain text versions of each template.
- Localization: 26 languages are now supported.

The following email notifications are affected:

- Booking Invite - (Legacy: Confirmation): Email sent to participants in a meeting. Shows the most important information for each participant.
- Booking Cancel - (Legacy: Delete): Email sent to the participants if a meeting is cancelled.
- Booking Event - New for use with the booking API so that if a conference request fails, this email with some details can be sent to the administrator.

Backwards compatibility with the legacy templates has been prioritized:

- The old templates (Booking Confirm and Booking Delete) are no longer used by Cisco TMS and have been replaced by the new Booking Invite and Booking Cancel.
- You will see both the old and new templates in the templates list, the old templates have LEGACY after them.
- After upgrading to 14.2, administrators can copy and paste the content from the old legacy templates into the corresponding new template.

Option to limit MCU conference size in Cisco TMS

Cisco TMS can now limit conference size on Cisco TelePresence MCUs and TelePresence Servers even if they are not in Port Reservation mode. A new setting has been added in **Systems > Navigator >** select an MCU **> Extended Settings >** **Limit Ports to Number of Scheduled Participants**. If port reservation mode is enabled for this MCU, this setting will be set to *Yes* and grayed out. If port reservation is not enabled for the MCU, you can use this setting to choose whether you want to limit the number of ports used to the number of scheduled participants.

This can also be set on a per conference basis during booking, the same setting appears in the MCU **Settings** tab once participants have been added to a conference.

New option to update System Connectivity Status

A new setting has been introduced: **Administrative Tools > Configuration > Network Settings**: **Update System Connectivity for Systems**.

You can now choose whether Cisco TMS will change a system's connectivity status if it detects it is behind a firewall or thinks it is reachable on the public internet. If set to *Automatic*, it will change the status, if set to *Manual*, Cisco TMS will not change it from whatever status it was in before, but you can change this in **Systems > Navigator >** select a system **> Connection** tab **>** **System Connectivity** for each system.

For more information see the 'How Cisco TMS communicates with managed systems' section of the 'System management overview' chapter of the Cisco TelePresence Management Suite Administrator Guide.

Removed option to modify call route for a No Connect conference

Booking a “No Connect” type of conference will reserve the systems and generate a call route for that conference, but requires all participants to dial in to the conference manually. As of this release, users can no longer modify the generated call route when scheduling a No Connect conference.

Cisco TelePresence Management Suite Extension Booking API

Cisco TMSBA is now at version 11. Feature updates include:

- The new time zone awareness features for scheduling also apply to Cisco TMSBA.
  Integrating clients can now supply a full set of time zone rules along with the conference data when booking, using ConferenceTimeZoneRules. If no rules are provided, Cisco TMS will use the time zone

rules of the conference owner. See Time zone awareness [p.2] for more information on transitioning from previous versions.

- WebEx Enabled TelePresence is supported by Cisco TMSBA. We strongly recommend using the new ExternalConference attribute to add WebEx to a conference.
  The previous way of adding WebEx to conferences (DataConference) has been kept for backwards compatibility. Support for non-WebEx data conferences was discontinued in API version 10 (Cisco TMS 14.1).
- Booking of SIP Audio dial-in and dial-out participants is now fully supported.
- Clients now have two new functions for invoking email confirmation or notifications of other booking events; **GetConferenceBookingEventMail** and **GetConferenceInviteMail**. Clients may also insert their own errors, warnings, or informational messages into email notifications. A new SendConfirmationMail flag in the SOAP header lets clients determine whether email notifications should be sent for each booking request.
- Language support for email notifications: The new ConferenceLanguage attribute of the Conference object specifies which language to use for notifications. The new Remote Setup API function **GetConferenceLanguages** returns a full list of supported languages.

The following changes have been made to existing functionality:

- **GetConferencesForSystems** now returns scheduled conferences only, and no longer includes ad hoc conferences.
- **GetConferencesForUser** and **GetConferencesForSystem** now calculate using minutes instead of rounding to the nearest day.

Several changes have been implemented to how ongoing conferences are handled:

- Cisco TMS no longer clears the existing call route when adding or removing a participant using Cisco TMSBA during an ongoing conference.
- When the start time of an ongoing conference is changed, the conference will be re-seeded, and the ongoing conference may be disrupted.
- For any changes to the booking of an ongoing occurrence of a series using **SaveConference**, a new **Ongoing** element has been introduced which the client may use to prevent the ongoing meeting from being affected by changes, to avoid disruptive effects to the meeting or series.
- **GetRecurrentConferenceById** now returns the start and end time both for any ongoing occurrence and the next upcoming occurrence of the series.

For further detail on the features described above and how to use them, see *Cisco TelePresence Management Suite Extension Booking API Programming Reference Guide* for this version.

Changed in 14.2

Changes to service pack requirements for Windows Server 2008 and Windows Server 2008 R2

Before upgrading to this version of Cisco TMS:

- Windows Server 2008 requires Service Pack 2.
- Windows Server 2008 R2 requires Service Pack 1.

HTTPS enabled by default for the Cisco TMS website

To improve security, HTTPS is now enabled by default for the Cisco TMS website. Administrators will be asked if they want to provide a certificate or generate a self-signed certificate during install.

Windows Server 2003 ASP.NET version updated

For installations of Cisco TMS on Windows Server 2003, the installer will set the ASP.NET version on the default web site to version 4.0.

Routing and distribution in cascaded MCU conferences

Least cost routing

In cascaded conferences:

Cisco TMS will now prefer MCUs in this order:

1. Cisco TelePresence MCU
2. Cisco TelePresence MPS
3. Tandberg MCU
4. 3rd party MCU

Cisco TMS will always prefer the MCU with the most remaining capacity. This will effectively give you fewer MCUs than you needed in previous Cisco TMS releases which is a more efficient use of resources.

Best impression distribution

In this release there have been two changes to Best Impression distribution:

- MCUs are now sorted by available number of video ports instead of by total number of ISDN ports.
- Improved route checking before saving a conference, this will prevent some issues with saving conferences.

Removed Enable Cisco CTS Native Interop Call Routing

This setting, which was under **Administrative Tools > Configuration > Conference Settings**, was for use with Cisco Unified Communications Manager (Cisco Unified CM) and CTS endpoints to enable scheduling of a call between an endpoint running TC or TE software and a Cisco CTS endpoint in Cisco TMS without the requirement for a TelePresence Server to bridge the call.

This applied only to CTS version 1.7.4 and earlier and Cisco Unified CM version 8.5 or earlier.

The default setting was *No*: A Cisco TelePresence Server will host the conference. Now, the setting has effectively been set to *Yes* permanently: (A TelePresence Server will not be used), and removed in the GUI, so Cisco TMS will not use a TelePresence Server by default when routing CTS endpoints in calls.

CTS endpoints and Cisco Unified CMs running older software must be upgraded before upgrading Cisco TMS, or you will lose the ability to schedule calls between CTS endpoints and endpoints running TE and TC software because routing will fail.

Upgrading Cisco TMS to 14.2 will change the setting to *Yes* even if it was previously disabled. Routing behavior for future conferences booked before the upgrade will not change. These calls will still use a TelePresence Server.

Add Participants window Last Used tab: number of systems listed

The **Add Participants** pop up window **Last Used** tab now lists the last 10 systems used by the logged in user as default. Previously this was a configurable value.

Updated configuration templates

The configuration template for TC software has been updated to incorporate new settings introduced in the TC6.0.1 release.

Allocation attempts for scheduled calls

The number of allocation attempts now follows the number set here: **Administrative Tools > Configuration > Conference Settings > Connection Attempts for Scheduled Calls**. Previously a maximum of 3 allocations was attempted.

Database snapshot isolation

ALLOW_SNAPSHOT_ISOLATION is now *On* by default for the tmsng database. Administrators setting up the database manually must ensure that this setting is enabled. **READ_COMMITTED_SNAPSHOT** must still be set to *Off*.

Conference Control Center Send Message function

The message received on systems has been moved from the center to the bottom of the screen, for systems hosted on MCUs only. This does not affect systems hosted on a TelePresence Server at this time, this is scheduled to be changed in a future Cisco TMS release.

Removed support for 3rd party systems

This release removes support for the following 3rd party systems:

- Sony PCS-Series
- Polycom Viewstation (1st and 2nd gen)
- Polycom iPower
- Polycom ViaVideo
- VTEL Galaxy
- Aethra VegaStar
- Rad ViaIP Gateway
- Rad ECS GK
- Vision Series

Planned changes for future releases

Support for Microsoft Windows Server 2003, and Microsoft Windows Server 2008 32-bit operating systems will be removed in the next release of Cisco TMS. Note that we will still support the Cisco TMS Server Appliance on Windows Server 2003.

Monitoring > Map Monitor will be removed in a forthcoming release.

New features in 14.1

Cisco TelePresence Conductor scheduling support

Cisco TMS now supports scheduling conferences with Cisco TelePresence Conductor XC1.2.

The following features have been introduced:

- Make TelePresence Conductor the preferred MCU in routing.
- Configure TelePresence Conductor alias patterns in Cisco TMS and view the regular expression for use on the TelePresence Conductor and VCS.
- Free choice of alias in booking. Create your own conference address by modifying the variable part.
- Automatic generation of conference address unless modified during booking.
- Cisco TMS will reserve conference addresses it has generated from alias patterns.
- Check availability of your chosen conference address during the booking process.
- Configure a maximum number of concurrent scheduled calls bookable on the TelePresence Conductor from Cisco TMS – does not affect the resource allocation on the TelePresence Conductor, but allows the administrator to save some TelePresence Conductor resources for ad hoc calls.
- CDRs from MCUs managed by a TelePresence Conductor if the MCUs are added into Cisco TMS. Note that the CDRs will not contain a ConferenceID.
- Monitoring of scheduled and ad hoc calls in **Conference Control Center**.

New endpoint upgrade API

Cisco endpoints running software version TC 6.0 have a new API for use in software upgrades. Endpoints on earlier TC software use the previous upgrade API.

- It is now the endpoint that retrieves the software package from Cisco TMS. The upgrade will start when the endpoint itself initiates it.
- The **System Upgrade Status** page in Cisco TMS has also been improved. The endpoint itself sends continuous feedback throughout the process. To see the upgrade status, see **Systems > System Upgrade > System Upgrade Activity Status**.

Cisco Unified CM phonebook sources

It is now possible to create a phone book source from a Cisco Unified CM list of users and their associated devices through **Phone Books > Manage Phone Book Sources**. This applies only to Cisco Unified CMs running software version 8.6.2 or later.

Cisco TelePresence Server

When booking a new conference, the **Password/PIN** field is now also applied to conferences booked using TelePresence Server version 2.3 or later.

Cisco TMS can now limit the number of ports used when scheduling a TelePresence Server 2.2 and later. Two fields have been added:

- A TelePresence Server-wide setting, **Port Reservation** in **Systems > Navigator >** select TelePresence Server **> Settings > Extended Settings,** has been added.
- The setting can be altered on a per conference basis in **Booking > New Conference >** Add some participants including a TelePresence Server **> MCU Settings** tab **> Port Reservation.**

New Administrator Guide and web help

Improvements to the Cisco TMS documentation for this release include:

- The Administrator Guide and web help have been merged and updated. All information is now available both in PDF on cisco.com and HTML format inside the application.
- New chapters explain routing and systems management.

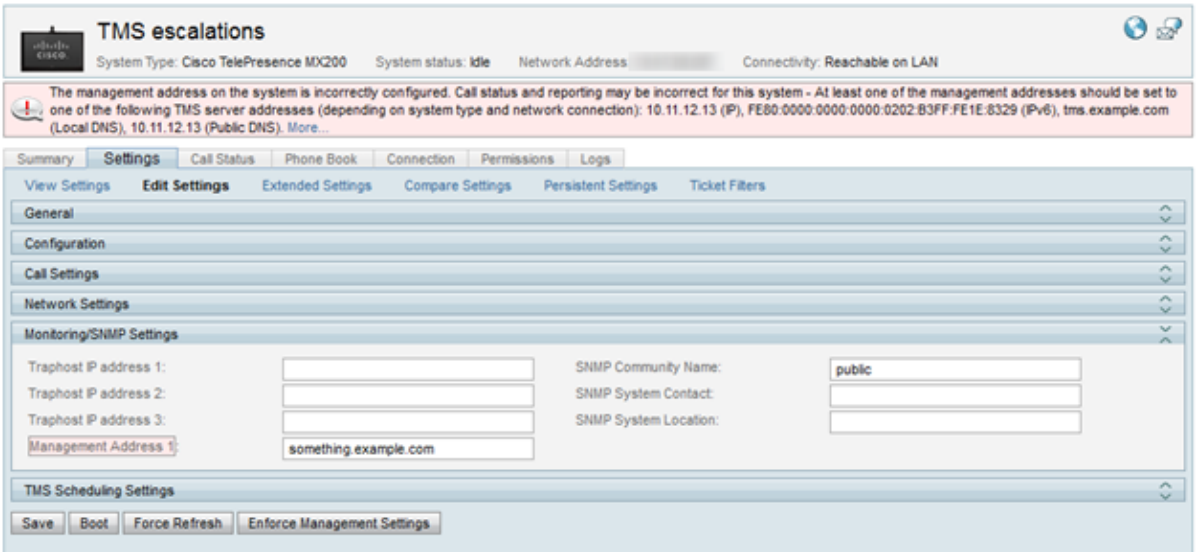
- Redundancy deployment is now a part of the Administrator Guide.
- The TMS tools application is now documented in full.
- Everything is available in one pdf on Cisco.com.
- The information has been restructured to focus on the tasks carried out by the Cisco TMS users.
- All screen and field descriptions are still available as context-sensitive help from the Cisco TMS application.

As part of this consolidation, “Getting Started” is no longer a part of the Cisco TMS Installation Guide. All guidance on setting up and configurating Cisco TMS is now found in the Administrator Guide and web help.

Highlighting of fields in Systems > Navigator

When one or more settings for a managed system are incorrect, the incorrect settings are now highlighted in **Systems > Navigator** so that the administrator can easily identify which settings require attention.

The color scheme follows the Ticketing Service, where “Critical” and “Major” errors are marked in red, and “Warnings” are marked in yellow.



The **Systems > Navigator** window for a system with an incorrect **management address**.

Configurable database timeout value when upgrading Cisco TMS

The default database timeout value when upgrading Cisco TMS is 30 minutes. This value applies to each of the installer’s internal database operations. For large deployments with years of historic call or system data, some of the operations may need more than 30 minutes to complete.

The timeout value is now configurable via a command line option. To use a timeout value of 60 minutes, run the installer using the command line:

```
TMS14.1.exe /z"sqltimeout 60"
```

Substitute *60* with a higher value if needed.

We recommend using the default value of 30 minutes, and only increasing the timeout value if the initial upgrade attempt is failing.

Content Mode options on the Cisco TelePresence MCU

Cisco TMS now supports the new Content Mode settings introduced in version 4.3 of the Cisco TelePresence MCU.

In **Systems > Navigator >** select a Cisco TelePresence MCU on 4.3 or later **> Settings > Extended Settings**, the **Content Mode** setting now has the following options: *Disabled*, *Passthrough*, *Transcoded*, and *Hybrid*.

Discontinued support for Cisco TMS Agent Legacy

Cisco TMS Agent Legacy has been removed from Cisco TMS 14.

If you are currently utilizing Cisco TMS Agent Legacy, you must migrate to Cisco TelePresence Management Suite Provisioning Extension (Cisco TMSPE) before upgrading Cisco TMS. The Cisco TMS installer will stop attempted upgrades to 14.1 if detecting that Cisco TMS Agent Legacy is in use.

For details on upgrading with provisioning, see Migrating from Cisco TMS Agent Legacy provisioning [p.30].

Note: For new installations of Cisco TMSPE with Cisco TMS 14.1, the TMS Provisioning Extension Windows service will have its **Startup Type** set to *Manual*. To automatically start Cisco TMSPE after server reboots, change the **Startup Type** to *Automatic* using the Windows services panel.

Cisco TMS Agent Legacy remains supported in Cisco TMS 13.2.x.

Discontinued support for Cisco TMSXE 2.x

Cisco TMS 14.1 and later does not support Cisco TMSXE 2.x. Customers still running Cisco TMSXE 2.x must migrate to Cisco TMSXE 3.x before upgrading to Cisco TMS 14.1.

Cisco TMSXE 2.x remains supported in Cisco TMS 13.2.x.

Editing of local phone books

It is no longer possible to edit local phone books for systems in **Systems > Navigator**.

Trap Log changed to Feedback Log

Reporting > System > Trap Log is now called **Feedback Log**.

Format of Active Directory username

Cisco TMS now requires the format of the Active Directory username to be:

domain\username or username@domain

This applies to:

- **Administrative Tools > Configuration > Network Settings >Active Directory**
- The Active Directory phone book source

Web Conferences

Cisco TMS 14.1 does not support Web Conferences: Cisco WebEx OneTouch 1.0, TANDBERG See&Share, and Microsoft Office LiveMeeting.

These solutions remain supported in Cisco TMS 13.2.x.

Cisco WebEx Enabled TelePresence 2.0 will be supported in a future version of Cisco TMS.

Cisco TMS Installer

The installer no longer enforces a reboot of the Windows Server after an upgrade. The installer now only prompts the administrator to reboot the server if necessary.

Removed the Call Status page for MCUs

Previously, Cisco TMS allowed users to create ad hoc conferences on MCUs using the **CallStatus** page in the **System > Navigator**. These ad hoc conferences were assigned a number that was in the range reserved for scheduled use by Cisco TMS, and could thus lead to two conferences having the same number.

In Cisco TMS 14.1, it is no longer possible to create new conferences on MCUs using this page.

Protocol priorities when routing scheduled calls

Cisco TMS now prioritizes SIP over dialing an IP address when routing scheduled calls. Cisco TMS still prefers using H.323 (dialing the H.323 ID or E.164 alias) over SIP.

Option for database re-indexing removed

The *Re-index database* option found under **Administrative Tools > TMS Server Maintenance** has been removed. Cisco TMS no longer supports automatically re-indexing tables in the tmsng database.

New features and changes in 14.0

Release statement

This is a controlled distribution release aimed at United States of America Federal Government customers requiring a JITC-compliant version of Cisco TMS.

This release includes specific features intended for use in environments that require using Cisco TMS as approved on the DISA Approved Products list.

Improved platform security

- Cisco TMS Windows Services now run under the Network Service account as default instead of the Local System account.
- Configuration and control files are no longer stored in the same directory as user data.
- Encryption of the Database Connection string has been upgraded to encrypt the entire connection string and now uses a FIPS-compliant encryption module.
- Configuration of the Cisco TMS setting for the software download folder has been moved from **Administrative Tools > Configuration > General Settings > Software FTP Directory** in the web interface to the TMS Tools application under **Directory Locations.**

Improved website security

- Additional protection against Cross-site Request Forgery and Cross-site Scripting attacks has been added.
- Permissions on the Cisco TMS web directories have been tightened.
- The default log folder is now C:\Program Files\TANDBERG\TMS\data\Logs. The previous location was C:\Program Files\TANDBERG\TMS\wwwTMS\data\Logs.
- All HTTPS communication is now restricted to TLS v1.0 or later. Support for SSL v3.0 and earlier has been removed.

- TLS client certificate validation in Cisco TMS has been introduced. When endpoints try to establish a TLS connection to the /tms/public website:
  - IIS validates the certificate against its trusted list of certificates.
  - Cisco TMS validates that the CN field of the certificate corresponds to the hostname used to contact the system. Any system that tries to impersonate another system will fail this check.
- Support for Certificate Revocation Checking has been added. When enabled, all certificates checked by the server will also check the revocation status of the certificate with its Certificate Authority.
- Client Certificate support for Cisco TMS-initiated communication to managed systems has been added. When enabled, Cisco TMS will provide a certificate if challenged when communicating to managed systems.
- Customized Banner text can now be added at the top and/or bottom of web pages and all pdf and excel document outputs.

Improved database security

- Encryption of authentication credentials stored in the database has been upgraded to use a FIPS-compliant encryption module. This new method uses a unique encryption key generated during installation of Cisco TMS.
- Support for running Cisco TMS with Windows Authenticated logins has been added. This requires additional manual configuration of the SQL database and windows server after initial installation of Cisco TMS. This functionality is recommended for JITC-compliant deployments only.

Updated TMS Tools application

The TMS Tools application has been redesigned to improve usability and incorporate the new features introduced in 14.0.

Configuration

- Updated the **TMS Database Connection Settings / Provisioning Extension Database Connection Settings** sections to include authentication configuration fields.
- Added the **Directory Locations** setting which is where the software download folder location is specified.

Security

- Added the **Encryption Key** section to support the new encryption key for credentials in the database. The encryption key which will decrypt the encrypted data can be changed or entered here.
- Added the **TLS Client Certificates** section to support the new TLS client certificate feature Cisco TMS uses for authenticating to systems. The x509 certificates Cisco TMS will use are specified here.

Advanced Security Settings

Cisco TelePresence Management Suite JITC Configuration Deployment Guide details how to activate these settings and perform additional Windows and Cisco TMS configuration changes that will make your installation comply with JITC operational guidelines.

- Optional Features Control:
  - **Disable TMS Scheduler**: Disables and removes links to TMS Scheduler.
  - **Disable Provisioning**: Disables and removes links to Cisco TMS Provisioning Extension.
  - **Disable SNMP**: Disables all use of SNMP within Cisco TMS.

- Auditing: **Auditing Always Enabled:** Ensures that auditing is always enabled regardless of the setting in **Administrative Tools > Configuration > General Settings >Enable Auditing.**
- Transport Layer Security Options:
  - **Require Client Certificates for HTTPS API:** When enabled (along with settings in IIS) Cisco TMS will require certificates from clients using public APIs.
  - **Enable Certificate Revokation Check:** When enabled, all certificates verified by the server are always checked against the revocation lists of the signing Certificate Authority. If revocation checking is enabled, and fails, the certificate will be rejected.
- Banners: Adds banners to the top and bottom of web pages and pdf and excel document outputs.

Diagnostic Tools

The new **Scan Database for Encryption Key Mismatch** tool scans the database to identify encrypted credentials which cannot be decrypted by the current encryption key. A **Cleanup** option resets mismatched entries to a default value. This feature is useful if the database encryption key has been lost or is in an unknown state.

Audit log

The Audit Log will now show the IP Address of the client machine used to make a change in Cisco TMS. For changes made by a service user, the IP address field will be blank.

Logs

The following logs have been added to the logs downloaded when clicking on **Administrative Tools > TMS Server Maintenance > TMS Diagnostics >Download Log Files**:

- event-stats.txt
- log-TMSAgent-console.txt
- phonebook-stats.txt

Installer

The Cisco TMS installer will now state the software version which will be installed in the welcome dialog.

Obsolete functionality removed

- Cisco TMS Agent Legacy has been replaced by Cisco TMS Provisioning Extension and is no longer supported in Cisco TMS 14.0. Support for Cisco TMS Agent Legacy will continue in Cisco TMS 13.2.x.
- The **Free Busy Overview** page has been removed from Cisco TMS.
- Connection scripts for conferences created in Cisco TMS versions older than 10.0 are no longer supported. All conferences booked in Cisco TMS 10.0 or earlier must now be rebooked.
- Support for Polycom MGC MCU pre software version 7 has been removed from Cisco TMS.

Resolved issues

Resolved in 14.2.1

The following issues were found in previous releases and were resolved in 14.2.1:

Identifier	Description
CSCug68465 CSCug61584	Resolved two issues where upgrading the database could fail.
CSCug53694	Resolved the issue where, under some circumstances, Cisco TMSBA would return meeting series with deleted exceptions incorrectly, causing Cisco TMSXE to remove the series.

Resolved in 14.2

The following issues were found in previous releases and were resolved in 14.2:

Booking

Identifier	Description
CSCts02650	Resolved the issue where booking a conference on a Cisco TelePresence MCU that had HTTPS enabled and HTTP disabled could be very slow. This was due to a time-out while Cisco TMS attempted to contact the MCU on HTTP first.
CSCud49452	Resolved the issue where editing an existing conference that included two or more dial-in participants, and removing one participant, resulted in an error. This occurred only when editing the booking using the Booking API.
CSCug18393	Resolved the issue where creating a recurrent conference, then editing any occurrence except the first and setting **Recurrence Interval** to *None*, still treated the conference as recurrent.
CSCud83501	Resolved the issue where booking a conference with a recording alias that is not the first one in the list in **Booking > New Conference >Recording**, and then changing the route from the default route defined by Cisco TMS, would disable recording for that conference.
CSCud83494	Resolved the issue where editing an ongoing conference that included recording to be *No Recording* could disconnect the conference. This occurred if the route was changed during booking from the default route defined by Cisco TMS.
CSCud71435	Resolved the issue where **Booking > View Conferences >** select a scheduled recurrent conference **> Connection Settings** displayed an error and did not load.
CSCud95569	Resolved the issue where an unhandled exception occurred when a user who was a member of a group that had Booking permissions only, clicked on **Booking > New Conference > Add Participant**.
CSCug18417	Resolved the issue when searching for a conference in **Booking > List Conferences**, where setting the search start date to be the same as the search end date did not find conferences for that date.
CSCue09213	Reinstated the **Recording URL** in the **View Conferences** page.
CSCue08624	Resolved the issue where changing the setup buffer after a conference had been created changed the connect time to 12:00 AM + setup buffer.
CSCug28928	Resolved the issue where if a conference was booked with three participants, and an external MCU was automatically added to host the conference, and then one participant was removed, the conference would still use the MCU even though this was not necessary as the conference could have been re-routed as point to point.
CSCud90734	Resolved the issue when booking a recurrent conference where selecting dates in the date picker did not update the number of occurrences.
CSCug18437	It is no longer possible to book a conference with recording and no participants.

Identifier	Description
CSCud72945	Resolved the issue where a conference scheduled on a TelePresence Server at 6144kbps connected at 1920 kbps.
CSCuf06925	Cisco TMS will now only dial participants if allocation is successful, previously Cisco TMS would dial participants even if allocation failed.
CSCua15627	Resolved the issue where Cisco TMS could select too many MCUs or fail to create a route when cascading.
CSCuh19000	Resolved the issue where the maximum setup and tear down buffer value that could be set in **Administrative Tools > Configuration > Conference Settings >** **Default Setup Buffer/Default Tear Down Buffer** did not reflect the documented maximum value of 30 minutes.

Systems Management

Identifier	Description
CSCue22625	Resolved the issue where the **Systems > System Overview** page could crash if all systems were selected in the left hand pane, and all parameters or the SNMP settings were selected in the right hand pane; the crash occurred when **View** was clicked.
CSCue22723	Resolved the issue where Cisco TMS could show a system with **Service Contract Status:***No Contract* as having a contract expiry date in the future.
CSCue23402	Resolved the issue in **Systems > System Upgrade > Software Manager** where an error occurred when using Microsoft Internet Explorer and trying to upload a valid software package. This occurred only when accessing Cisco TMS on the server itself using http://localhost/tms.
CSCud90922	Introduced support for leading zeros in meeting ids for ad hoc calls on Cisco TelePresence MCUs.
CSCud95411	Resolved the issue where it was not possible to add a Cisco Unified CM-registered EX series endpoint to Cisco TMS if it did not have an 'empty' password. Cisco TMS now reads the credentials from the Cisco Unified CM rather than the endpoints themselves.
CSCue78404	Changed the Software Upgrade Service URL to point to cisco.com. Upgrading to 14.2 will change this automatically in **Administrative Tools > Configuration > Network Settings >****Service URL**.
CSCue45487	Resolved the issue where it was not possible to add a Cisco Unified CM-managed system to Cisco TMS unless the 'admin' account was used.
CSCug18468	Resolved some issues with management of endpoints behind a firewall/NAT, including calendar support for One Button To Push conferences.
CSCuf32756	The setting **Systems > Navigator >** select a TelePresence Server**> Settings > Extended Settings >****Port Reservation** has been changed to **Limit Ports to Number of Scheduled Participants** for consistency with the MCU products.
CSCty88233	Resolved the issue where Cisco TMS did not set a port limit for TelePresence Servers. This is only supported for TelePresence Servers running software version 2.2 or later.
CSCue94672	Resolved the issue where the Database Scanner Service did not automatically refresh managed systems.

Phone Books

Identifier	Description
CSCue28933	Resolved the issue with the Cisco TMS Provisioning Directory phone book source where it was not possible to expand the root directory to view any subfolders containing provisioning users.
CSCue22884	Resolved the issue where searching on the TMS Endpoints phone book source could return an incorrect number of entries.

Monitoring

Identifier	Description
CSCug37698	Resolved issue where some Java/browser combinations were sometimes very slow or unable to run **Conference Control Center**.
CSCug28886	Resolved the issue where having a blank TelePresence Server password caused commands sent to participants in a conference hosted on a TelePresence Server via Conference Control Center to fail.

Reporting

Identifier	Description
CSCud95025	Resolved the issue where Cisco TMS could not resolve feedback from Cisco TelePresence MCU 5300 series MCUs. This resulted in no Call Detail Records (CDRs) being created if Cisco TMS did not recognize the cause code reported by the MCU.
CSCue00174	Resolved the issue with creating a pdf report via **Booking > List Conferences > Conference Report** where the generated pdf could include blank pages and some data was illegible.
CSCud78269	Resolved the issue where generating CDR reports when the logged in user's language was Japanese included TANDBERG instead of CISCO in the title of the report.

Time Zones

Identifier	Description
CSCud89551	Resolved the issue where creating a weekly recurrent conference as a user in for example, time zone GMT+11, when the Cisco TMS server was in for example, time zone GMT-5, led to the conference being saved on the incorrect date. This occurred only when selecting a day for the recurrence, and when the user time zone and the server time zone were on a different day.
CSCuc48691	Resolved the issue where recurrent bookings that spanned a DST change were replicated from Cisco TMS to Microsoft Exchange with the wrong meeting time for occurrences on dates after the DST change, leading to systems being set to unavailable when they were available for bookings.
CSCtx61207	Resolved the issue where booking availability for a system was incorrectly shown for the day before or the day after the requested date when certain time zones were chosen for the conference.
CSCtz40911	Resolved the issue where a recurrent conference would change to be a day out if the server and user time zones were different and the recurrence period spanned a DST change in one of the time zones.
CSCug11549	Resolved the issue where booking a conference in a different time zone to the one your Windows user is in could display incorrect conference information in the Microsoft Outlook recurrence tool.

Email

Identifier	Description
CSCug11500	Resolved the issue where the ICS calendar attachment set the Reminder as "Invalid" by default for Microsoft Outlook on a Mac.
CSCue22710	Resolved the issue in **Administrative Tools > Configuration > Edit E-mail Templates >Phrase File** where untranslated phrases were shown as empty instead of being shown in English.
CSCug11515	Resolved the issue where using curly brackets { } in an email either in the subject or in the message did not display the brackets or the text inside the brackets.
CSCue22932	Resolved the issue affecting conference emails for One Button To Push conferences where the Conference Type section was missing from the emails.
CSCua28976	Resolved a number of time zone issues with the VCal and ICS attachments to booking confirmation emails.
CSCud83837	Resolved the issue with custom created email templates for booking where the generated email could contain the name of the MCU after the conference ID in the URI.
CSCtt07448	Resolved the issue where the booking confirmation email was received in UK English although the user booking the conference was set to US English.

Booking API (Cisco TMSBA)

The current Cisco TMSBA is version 11. All changes to the booking API may affect API clients such as Cisco TMSXE, Smart Scheduler, Cisco TMSXN and customer-developed extensions.

Identifier	Description
CSCuc48691	Resolved multiple issues caused by missing time zone support. For implementation details, see Time zone awareness [p.2]
CSCug11371	Resolved issue where caching might lead to API not applying newly changed profile information for the conference owner. When a conference is saved, the latest version of the conference owner's profile will now be read.
CSCue26369	Resolved issue where Cisco TMS would persist some instances of recurrent conference series incorrectly when they are created using the API, causing the last instance to be omitted when series later retrieved from Cisco TMS.
CSCue30850	Cisco TMS no longer clears the existing call route when adding or removing a participant using Cisco TMSBA during an ongoing conference.

General

Identifier	Description
CSCtx30758	Improved the error message displayed when a duplicate option key is added into Cisco TMS.
CSCue00035	Resolved the issue where the TMSSNMPService could crash after certain database operations returned an exception.
CSCue13739	Resolved the issue in Cisco TMS Analytics Extension (Cisco TMSAE) where Cisco TMS Provisioning Extension users were not imported. The databases were in an inconsistent state, with many users missing from the Cisco TMSAE"User" dimension. Customers using the data in the Cisco TMSAE 'user' dimension must contact Cisco to obtain a database cleanup script.

Identifier	Description
CSCug11344	If **Administrative Tools > Configuration > Conference Settings >Auto Generate Password on New Conferences** is set to *Yes*, Cisco TMS will now generate a password of 3 characters between 000 and 999, instead of incorrectly generating a password of 1, 2 or 3 characters between 0 and 999.
CSCug11311	Resolved the issue with upgrading Cisco TMS where the installer could hang if one of the Cisco TMS services did not start.
CSCue02749	Resolved the issue where updating the password for Cisco TMSPE from TMS Tools failed, even though it appeared to succeed in the TMS Tools interface.
CSCuf79069 CSCug27660	Resolved a number of issues where Cisco TMS disconnected ad hoc calls.

Resolved in 14.1.1

The following issues were found in previous releases and were resolved in 14.1.1:

Identifier	Description
CSCud86151 CSCud88001	Resolved the issue where it was not possible to schedule conferences or edit existing bookings in Cisco TMS.
CSCud88003	Resolved the issue where it was not possible to create a phone book source of type File Based Phone Book using a file from a URL.
CSCud88006	Resolved the issue where the password field did not contain any data after creating and saving a phone book source that required credentials. This caused the connection to the source to appear to fail on the first attempt.

Resolved in 14.1

The following issues were found in previous releases and were resolved in 14.1:

Booking

Identifier	Description
CSCua57784	Resolved the issue where *One Button To Push* conferences with participants added from a phone book failed.
CSCud07712	Resolved the issue where Cisco TMS booked all ports on an MCU type system, even though the booking was not *Reservation Only*. The issue happened when a user edited an existing booking and removed all participants except the MCU.
CSCtz48797	Resolved the issue where the meeting password was not saved for a password protected meeting when the reservation type was set to *Manual Connect*.
CSCud07690	Removed the non-functioning **Details** link for external dial in participants in the **New Conference** and **Edit Conference** pages. Added a tool-tip displaying *Name* and *Direction*.

Identifier	Description
CSCtx51962	Resolved the issue where if a user cancelled an edit of a conference in **Booking >List Conferences,** the start and end time of the conference changed. When the user entered the **List Conferences** page again, the start and end time were correct.
CSCua18048	Resolved the issue where conferences created from Microsoft Outlook via Cisco TMSXE defaulted to 64k bandwidth when trying to set other values in Microsoft Outlook.
CSCua77446	Resolved the issue where scheduling a participant template made all participant templates seem scheduled in **Booking > New Conference > Add Participants** button > **Template** tab. This issue occurred for systems not managed by Cisco TMS.
CSCua23453	Resolved the issue where a system appeared as available when it was already booked. This happened when a new date had started in UTC, but not in Cisco TMS's time zone.
CSCtx73847	Resolved the issue where if scheduling a OBTP conference in Cisco TMS involving one or more "room" type systems, the Cisco TMS routing logic failed to set up the connection.
CSCud07423	When deleting a conference from a recurrent series, it was possible for the user to click **OK** without an option selected. Now the option *Delete the selected occurrence* will be preselected.
CSCtt27466	Resolved the issue where setting **Set Conferences as Secure by Default** to *Yes* in **Administrative Tools > Configuration > Conference Settings**, did not enable secure conferencing in Cisco TMS Scheduler as default.
CSCud10011	Resolved the issue where after going to **Booking > New Conference**, clicking the **Add Participant** button and adding an MCU to the conference, the **MCU** tab did not show the correct status for the MCUs.
CSCub19010	Resolved the issue where scheduling a conference with endpoints running TC/TE software or MXP endpoints when **Administrative Tools > Conference Settings > Conference Create Options >Set Conferences as Secure by Default** was set to *If Possible* or *Yes*, Cisco TMS could in certain circumstances incorrectly change the configuration.
CSCuc88037	Resolved the issue where it was possible to remove the main participant (the host or the MCU) in an ad hoc conference. This would disconnect the call.
CSCtr32362	Resolved the issue where a conference booked at midnight in Cisco TMS could be replicated to the previous day in Microsoft Exchange.

Systems Management

Identifier	Description
CSCuc65075	Removed the warning given by Cisco TMS when trying to add a Cisco VCS using the VCS's IP address. As provisioning has been improved with Cisco TMSPE, there is no longer a requirement for this warning.
CSCtx12293	Resolved the issue where a system took longer to upgrade than Cisco TMS expected and therefore Cisco TMS reported the upgrade as unsuccessful. This issue applied to systems running TC and TE software version 6 or earlier.
CSCud16380	Resolved the issue where if adding a system using SNMP, not all the systems capabilities were added by the first **Force Refresh**.

Identifier	Description
CSCud07392	Resolved the issue in **System Upgrade** where if **Upgrade Mode***Basic* was selected, both .pkg and .zip files were displayed. Adding a .zip file is not a valid option here.
CSCua25689	Resolved the issue where adding a Cisco TelePresence MCU with only HTTPS enabled failed.
CSCud21809	Resolved the issue where a Cisco TelePresence MCU on a dual stack network could be added twice to Cisco TMS.
CSCuc88048	Resolved the issue where Cisco TMS did not allow the administrator to specify a user name when adding a Cisco VCS or a Cisco TelePresence Conductor. The problem occured if the default 'admin' accounts were disabled.
CSCuc88015	Resolved the issue where it was not possible to remove an inaccessible VCS from a cluster.
CSCtr32285	Resolved the issue in **Systems > Navigator >** select system **> Settings** tab **> Persistent Settings**, where the **SIP URI** field was empty even though the SIP URI had been set using **Systems > Manage Dial Plan**.
CSCty20327	Resolved the issue where exporting option key values from all systems from the **Systems Overview** page displayed the data as XML.
CSCud07618	Resolved the issue where Cisco TMS allowed adding a Cisco Unified CM several times.
CSCud10019	Resolved the issue where [IPV6] or ipv6 address (enclosed or not enclosed in square brackets) were treated as separate entries when adding systems to Cisco TMS.
CSCty90084	Resolved the issue where Cisco TMS incorrectly displayed Cisco TelePresence MCU's status as *In Call* when there was no call remaining on the Cisco TelePresence MCU.
CSCtx03704	Resolved the issue where **Systems > Navigator >System Status** could incorrectly display as *Idle* for Cisco TelePresence MCUs and Cisco TelePresence Servers when they were in a call.
CSCud07379	Improved the message where Cisco TMS displayed "an unexpected error has occurred" when viewing a Cisco Unified CM in the **System Navigator**. The issue occurred when there had been too many requests from Cisco TMS to the Cisco Unified CM over the last minute; the Unified CM then refused the connection.
CSCud07411	Resolved the issue where the registration policy for the a Cisco VCS in **Systems > Navigator** was wrong. It was always listed as *Unknown*.
CSCua84377	Resolved the issue where **System Name** for systems provisioned by Cisco Unified CM was displayed as editable in **Systems > Navigator**. Changing **System Name** of Cisco Unified CM provisioned systems must be done from the Cisco Unified CM.
CSCud07698	Resolved the issue where Cisco TMS could display erroneous warnings in **Systems > Navigator**. Cisco TMS did not compare IPv6 feedback receiver URLs correctly for Cisco TelePresence MCUs.

Phone Books

Identifier	Description
CSCub86648 CSCub86700	Resolved the issue where it was not possible to synchronize phonebook sources if the source name contained a non-standard character such as \ or ". A provisioning extension error occurred.

Identifier	Description
CSCud07646	Resolved the issue where synchronization of phone books could fail due to the provisioning phone book synchronization, even if provisioning was not enabled. Phone Book Source Activity Status displayed an error message/resent an email saying: *A phone book connected to the source {0} is currently undergoing internal maintenance*. The error also prevented other phone book jobs from running.
CSCud07492	Resolved the issue where the display of the **Manage Phone Book Sources >** Manual List sources **> View/Edit Contacts** tab only displayed half the amount of contacts the setting was set to show.
CSCua00704	Resolved the issue where searching for names in phone books on EX60 and EX90 systems containing ", ' or – e.g. O'Neill, produced no search results.

Monitoring

Identifier	Description
CSCub67739	Resolved the issue where **Conference Control Center** did not load a conference if one of the participants had been deleted from a file based phone book.
CSCuc65141	Resolved the issue where if scheduling a multipoint conference in Cisco TMS that included Cisco TelePresence Server (TS), the Set floor functionality showed as available even though TelePresence Server does not support this feature.
CSCtx66027	Resolved the issue where removing a participant from a multipoint call using the **Remove** option in **Conference Control Center** failed.
CSCtv21740	Resolved the issue where the date fields in the **Conference Control Center** displayed the dates of the server's time zone instead of the time zone configured for the Cisco TMS user.
CSCuc65062	Resolved the issue where the event log erroneously displayed: "Error: No incoming video from participant: (system name)" when an administrator manually muted a participant in the **Conference Control Center**.
CSCts02684	Resolved the issue where alarms were not cleared correctly in **Conference Control Center** even though the issue had been resolved.
CSCtx27847	Resolved the issue where "&" in the conference name broke the Cisco TelePresence MCU conference snapshot in **Conference Control Center**.

Reporting

Identifier	Description
CSCud07720	Resolved the issue where Cisco TMS did not log boot events from the Cisco TelePresence Supervisor MSE 8050 or the Cisco TelePresence ISDN Gateway.
CSCtr32354	Resolved the issue where Cisco TMS displayed an error in **Reporting > Billing Code Statistics**, when trying to view detailed data records for billing codes that contain certain UTF-8 characters (for example: æ,ø,å,# and &).
CSCud07585	Resolved the issue where a boot event for a Cisco TelePresence MCU did not show in Cisco TMS when the MCU rebooted. Now, a boot event will always show immediately in Cisco TMS, but if the MCU is not available yet to report a reason for its reboot, no reason will be shown in Cisco TMS.

Identifier	Description
CSCty13851	Resolved the issue where Cisco TMS sent an incorrect “Conference ends in 5 minutes” message for a conference stretching over several days.
CSCtw61036	Resolved the issue where Cisco TMS didn’t generate a "Lost Response" trap log event for Cisco VCS systems if the network connection was lost.
CSCud07502	Resolved the issue in the **Reporting** pages where the date picker and date input fields used an inconsistent date format. The date picker used an American date format (month/date), while the date input field used a European date format (date/month).
CSCty67470	Resolved the issue where an SQL timeout error occurred when viewing Gateway CDR.

Booking API (Cisco TMSBA)

Identifier	Description
CSCud16387	Resolved the issue where GetDefaultConference method did not contain IP Bandwith or ISDN Bandwith elements. This issue only occurred when the client specified an API version later than 3.
CSCud07675	Resolved the issue where a misleading error message was displayed if no option key was installed. The error message was: "There are no Application Integration options installed".
CSCuc01451 CSCtx29637	Implemented support for ParticipantCallType *Directory*, allowing phone book entries to be used as participants.
CSCtz01880	Resolved the issue where all bookings from Microsoft Outlook (through Cisco TMSXE) and IBM Lotus Notes (through Cisco TMSXN) failed displaying the error: "You do not have enough licenses to book this conference" even though licenses were in place. The bookings did not show in Cisco TMS.
CSCud07475	Resolved the issue where Cisco TMS returned one too many days when booking conferences through the booking API (Cisco TMSBA’s function GetConferencesForUser).

TMS Tools

Identifier	Description
CSCuc65089	Resolved the issue in TMS Tools where settings for Cisco TMSPE database connections were configurable in deployments without Cisco TMSPE.
CSCuc65094	Resolved the issue in TMS Tools where Cisco TMSPE windows authentication credentials could not be validated after editing.

General

Identifier	Description
CSCua60214	Resolved the issue where the third party calendar drop-down component showed an Unlicensed message when FIPS mode was enabled on the Cisco TMS server.
CSCtx39000	Corrected the issue where Russian time zones were displayed incorrectly in **Systems > Navigator >** select a system **> Settings** tab **>Time Zone** field.

Identifier	Description
CSCud07681	Resolved the issue where Cisco TMS did not respect the **Number of Days To Keep Data** setting in **Administrative Tools > TMS Server Maintenance > Purge Log Plan**.
CSCud07608	Resolved the issue where a confirmation message displayed a message containing a reference to an outdated product.
CSCud07407	Errors are no longer displayed on the **Compare Settings** tab in **Systems > Navigator** when encountering encrypted Cisco VCS passwords that cannot be verified by Cisco TMS. The passwords are now highlighted without showing errors.
CSCud07636	Improved e-mail address verification to conform to ICANN rules which allows for top level domains to be anything and also contain national characters.
CSCud10033	Resolved the issue where Cisco TMS failed to do Active Directory look-up of existing users. The issue happened if the **Lookup User Information from Active Directory** in the **Network Settings** was enabled and the **GC server or AD forest DNS name** field was empty.
CSCud07261	Resolved the issue where during installation, in an IPv6 environment and with IPv4 disabled, the Cisco TMS installer did not automatically fill in IPv6 address.
CSCud07268	Option key for Cisco TMSPE in **General Settings > Option Keys** changed to “Cisco TMS Provisioning Extension”.
CSCuc65118	Updated the Cisco TMS' list of SIP server types for the Cisco IP Video Phone E20. TE 4.1.x software allows Standard/Alcatel/Avaya/Cisco/Microsoft/Nortel/Broadsoft as valid types.
CSCua28639	Resolved the issue with incorrect distribution of participants in cascaded conference template: If you create a conference template with No Distribution routing, then create another conference template with Best Impression routing which requires cascading, the number of participants distributed to each MCU in the second conference template is incorrect.
CSCtx29067	It is now also possible to use a 10 digit base ISDN number starting with any digit in **Systems > Navigator >** select an MCU **> Settings > Extended Settings > ISDN Gateway DID First Number.**
CSCtr32338	Character limit for **Systems > Navigator > Extended Settings >First Meeting ID** for MCU and TelePresence Server increased to 19. Leading zeroes are supported.
CSCuc88003	Resolved the issue where Cisco TMS was unable to handle a search in **Systems > Configurations Templates > Configuration Templates > Select Advanced Settings**.
CSCub31632	Resolved the issue where Cisco TMS failed to import Billing Codes from a text file.
CSCty74386	Resolved the TMS Scheduler issue where adding a phone book entry as the first participant followed by a dial-out number would lead to the phone book entry replacing all other participant addresses.
CSCud39079	Improved Cisco TMS’ handling of database deadlocks.

Resolved in 14.0

The following issues were found in previous releases and were resolved in 14.0:

Booking

Identifier	Description
CSCua62217	Resolved the issue where an error could appear in the log-web.txt log when adding a non-Cisco TMS-managed participant (dial-in, dial-out, phone book entry, user) to a One Button To Push conference.
CSCty98098	Resolved the issue where confirmation emails were not received when booking a One Button To Push conference which included at least one non-Cisco TMS-managed participant (dial-in, dial-out, phone book entry, user).
CSCty94156	Resolved the issue where a SIP conference scheduled on an MCU in Cisco TMS did not register as SIP if H323 was disabled on the MCU. This happened because SIP registration was dependent on the H323 MCU prefix setup, meaning it would fail if H323 was turned off on the MCU.
CSCtx64185	Resolved the issue where Cisco TMS did not register SIP participants as taking up resources in stored bookings on an MCU, which made it possible to overbook SIP participants on the MCU in subsequent bookings.
CSCua26100	Resolved the issue where in **Booking > New Conference >Recurrence Settings** the calendar sometimes did not display in the **Recurrence Settings** pop up window.
CSCua60010	In **Booking > New Conference > Add participants>** add an MCU and some participants **>OK>MCU Settings** tab – the fields on this tab will now be shown in the language the logged-in Cisco TMS user has selected. Previously they were always in English regardless of the user language selected in Cisco TMS.
CSCty32654	Resolved the issue where it was possible to double book a system, if the start date of a recurrent meeting series in which it was a participant was changed to a date in the past.

Monitoring

Identifier	Description
CSCua60141	Resolved the issue where removing a participant from a scheduled One Button To Push conference did not update that participant's Meetings calendar to inform it that it had been removed from the conference.

Systems Management

Identifier	Description
CSCtz83514	Resolved the issue where it was not possible to add Cisco TelePresence MX300, Profile 55 and SX20 systems which were registered to a Cisco Unified CM to Cisco TMS.
CSCua52567	Cisco TMS now downloads software and release keys for provisioned systems.
CSCua52587	Resolved the issue where enforcing management settings on a Cisco VCS in Cisco TMS changed the external manager address set on the Cisco VCS from the FQDN of the Cisco TMS to the IP address of the Cisco TMS.

Identifier	Description
CSCua65556	Resolved the issue where it was not possible to add systems to Cisco TMS if the default ISDN or IP Zone value had been set to *None* in **Administrative Tools > General Settings >Default ISDN/IP Zone** after initially creating the default zones during the install process. A "System not found!" error was invoked.
CSCua26092	Resolved the issue where changing the **URL Where Software Packages Can Be Downloaded:** in **Administrative Tools > Configuration > Network Settings > General Network Settings** could cause a stack trace error when accessing the **Systems > System Upgrade > Software Manager** page. This happened if the IIS user Cisco TMS was running under did not have access to the folder specified. A valid error message will now appear.
CSCua26087	Removed the field **SNMP Get Community Name:** from **Systems > Navigator >** Select a system **> Connection** tab for systems which do not support this setting, for example Cisco Unified CM and Cisco TelePresence Server.
CSCua59944	Resolved the issue where no system name was displayed for systems which did not have a name. This occurred in **Systems > Event Notification Manager >** edit an account in the **Name** column. Select a system with *No Name* in the **Select Systems** column, and an event type in the **Select Event Types** column, then click on the arrow to move it into the **Stored Event Notifications** column and click **Save**. Now view the same account in **Systems > Event Notification Manager**. Nothing is displayed in the **System** column for the system name.
CSCtr25908	Resolved the issue where endpoints running TC and TE software, and the Cisco VCS showed the SNMP port as 0 instead of 161 in **Systems > System Overview >** Select a system from the **Systems** folder list and **SNMP Settings** from **System Parameters** list **>** click **View>SNMP port** column. This is a hard-coded value in Cisco TMS, it is not read from the system itself.

Phone Books

Identifier	Description
CSCua67525	Resolved the issue where incorrect data could be returned when searching via the **View Contacts** tab in an Active Directory or H.350 Phone Book Source.
CSCua60451	Resolved an issue where if there were lots of phone book contacts without any contact information, deletion of one manual contact could fail with an exception due to a time-out.
CSCua59896	Resolved an issue where synchronizing very large phone books could fail with an exception due to a time-out.
CSCua59975	Resolved the issue where deleting a very large phone book from the Cisco TMS GUI could fail due to a time-out in the SQL database.
CSCua59911	Improved GUI performance when accessing **Booking > New Conference >Add Participants…** > **Phone Books** tab and **Phone Books > Manage Phone Books >** select a very large phone book **> View Contacts** tab. These pages were very slow to load if the phone books contained thousands of contacts.

Reporting

Identifier	Description
CSCua26084	The *Utilization* option has been removed from the **Reporting > Call Detail Record > Gatekeeper and VCS > Query >Calculate by:** field. It is not possible to calculate CDRs by utilization for these products.

Installation

Identifier	Description
CSCua65350	Resolved the issue where during the installation of Cisco TMS, the **HTTPS Enable Wizard** could disappear behind the **Installer** window leading the user to think that the installer had hung. The **HTTPS Enable Wizard** will now always be on top of the Installer.
CSCua65522	Resolved the issue where errors appeared during install if **TMS** was deselected and only the **Database** was installed, during a Custom install of Cisco TMS.
CSCua60164	Cisco TMS installer will now give a proper error message when an install is attempted on the unsupported Windows 2003 64-bit operating system.

Booking API

Identifier	Description
CSCua65538	Resolved the issue in the Booking API where GetDefaultConference was not versioned correctly.
CSCtr37992	Resolved the issue where the master participant in a OBTP conference did not update correctly if the conference was updated through the booking API.

General

Identifier	Description
CSCua65316	Resolved the issue where the **HTTPS Enable Wizard** crashed when running with insufficient privileges. A message is now displayed if the tool is not run by a user with Administrator privileges.
CSCty46186	Resolved the issue where removing a user from an Active Directory group did not remove that user from Cisco TMS when clicking on **Administrative Tools > User Administration > Groups>Update Groups from AD** or **Administrative Tools > User Administration > Users >Synchronize all users with AD**.
CSCty90987	Resolved the issue where tickets generated from Cisco VCS alarms and/or warnings were not clearing correctly in Cisco TMS once the issue had been fixed/acknowledged on the Cisco VCS.
CSCua26063	Resolved the issue where a **Lost Response** event was not generated when Cisco TMS was unable to communicate with a Cisco Unified CM or a Cisco CTS system. An event will now be generated if communication is lost.

Identifier	Description
CSCua26066	Resolved the issue where a **TMS Connection Error** ticket was not generated when Cisco TMS was unable to communicate with a Cisco Unified CM or a Cisco CTS system. A ticket will now be generated if communication is lost.
CSCua60189	Resolved the issue where changing the SMTP Server in **Administrative Tools > Configuration > E-mail Settings** did not correctly update the email server used by Cisco TMS. This was due to a caching issue whereby Cisco TMS could try to use the old server with the new server's username and password.
CSCua60131	Added event-stats.txt, log-TMSAgent-console.txt and phonebook-stats.txt to the logs downloaded when clicking on **Administrative Tools > TMS Server Maintenance > TMS Diagnostics >Download Log Files**.
CSCtw61027	Added the option to use a port other than 25 for SMTP server communication. It is now possible to add :<port number> after the SMTP server name under **Administrative Tools > Configuration > E-mail Settings >SMTP Server**.
CSCtr90501	Resolved the issue where event notification emails were not received when more than one email address was entered in **Administrative Tools > Configuration > Network Settings > Event Notification >E-mail Addresses to Receive System and Network Notifications**.

Open issues

The following issues apply to this version of Cisco TelePresence Management Suite:

Identifier	Description
CSCtt45102	Not possible to make changes to a recurrent series when a participant that has been removed from the series is part of a new booking that overlaps the first series.
CSCty45266	Dialing from a Cisco TMSPE-provisioned device can cause duplicate User Call Detail Records in Cisco TMS: both the device URI and the FindMe URI are displayed.
CSCty54810	When applying a Persistent Settings Template to a Polycom HDX, the settings are not applied to the system.
CSCtz21445	Extend Meeting fails on some conferences.
CSCua16195	Overlapping conferences booked using the Cisco TMSBA could result in a dial in number conflict.
CSCub55674	It is not possible to book concurrent conferences with different recording aliases using the Cisco TMSBA.
CSCuc00547	Users are being removed from the local Cisco TMS user groups when the AD synch takes place each week.
CSCuc50556	Cisco TMS allocates the wrong dial in number for the allocated port on the MCU.
CSCuc58823	Folder and system permissions do not work correctly.
CSCud10006	Cisco TMS overwrites too many settings when setting phonebooks on Polycom HDX/VSX systems.
CSCud61615	Cisco TMS generates the CDR report PDF without Japanese characters for users whose language is set to Japanese.

Identifier	Description
CSCud66234	Inconsistencies with Call Detail Records when using billing codes.
CSCud81781	User Call Detail Records do not work correctly.
CSCue18466	Cisco TMS does not resolve systems correctly. For example, if endpoint A and endpoint B are connected to the same MCU conference, attempting to mute or disconnect endpoint A actually mutes or disconnects endpoint B. This occurs only when using an E.164 dial plan.
CSCue18575	Cisco TMS allows overbooking of ports on a Cisco (Radvision) MCU.
CSCue26779	Cisco TMS consumes ports after a conference has been moved to a different MCU. This only occurs for recurrent conferences, if an instance is moved to a different MCU.
CSCue50533	It is not possible to book a conference using H.323 direct mode for a Cisco TelePresence T3 system.
CSCue66084	Searching a phone book created from source Manual List or All Systems does not search all entries correctly.
CSCue92568	Cisco TMS incorrectly gives a No HTTP Response error for Polycom systems when their credentials are out of sync.
CSCuf00874	The provisioning phone book still contains entries for users that have been removed from the group that syncs with the provisioning phone book source.
CSCuf21982	Cisco TMS changes the call direction to dial in when scheduling an One Button To Push conference using a dial out Participant Template.
CSCuf30845	Cisco TMS is unable to generate Call Detail Records from the TANDBERG ISDN Gateway.
CSCuf34881	It is not possible to remove a large number of event notifications for a user in a single operation.
CSCuf57343	Changing the password for a system in **Systems > Navigator >** select a system running TC or TE software **> Settings > Edit Settings > Network Settings > H323 Password/SIP Password** erases the password and does not set the new password.
CSCuf81178	It is not possible to move a participant to an Operator Conference if Cisco TMS is configured with a setup/teardown buffer of more than 3 minutes.
CSCuf93871	TMSNG database access becomes slow due to log table purge taking place during business hours.

Limitations

Feature	Limitation
Time zone support	■ The Cisco TMS server time zone cannot be changed. ■ The Time zone awareness [p.2] introduced in this release is not reflected in TE and TC software. If trying to change a system running TE or TC software to the time zone UTC+04:00 (Moscow, St. Petersburg, Volgograd) you will get an error: Could not update all settings. Details: System did not accept time zone UTC+04:00 (Moscow, St. Petersburg, Volgograd) Administrators experiencing this issue should manually set the time zone on the system. The offset will be different in Cisco TMS, but there should be no issues with booking or conference start/end times. A time zone mismatch error will show on these systems in Cisco TMS.

Feature	Limitation
Booking	■ In mixed Cisco Unified CM / Cisco VCS deployments, infrastructure systems must be deployed on the Cisco VCS side to be bookable by Cisco TMS. ■ You must let a minimum of one occurrence in a conference series follow the original recurrence pattern, or Cisco TMS will not be able to update all occurrences as one series. ■ Using setup and teardown buffers for conferences is incompatible with Cisco TMSXE, Smart Scheduler, and any other clients using Cisco TelePresence Management Suite Extension Booking API. Further API limitations are listed in the documentation of each affected extension as well as *Cisco TelePresence Management Suite Extension Booking API Programming Reference Guide*.
Monitoring and reporting	■ Conferences using FindMe and Multiway may cause duplicates in Conference Control Center and Reporting. ■ When making an ad hoc call which involves an endpoint which is registered to Cisco Unified CM, the system may appear twice in Conference Control Center.
WebEx	■ Advanced recurrence patterns are not supported for WebEx Enabled TelePresence.When booking from the **New Conference** page, select to include WebEx before specifying the recurrence pattern, and only the supported patterns will be made available for selection. ■ Deleting a recurrent meeting series while one instance is ongoing will delete the meeting in Cisco TMS but not in WebEx. This is because WebEx does not allow changes to ongoing meetings, this includes deletion.

Interoperability

Compatibility with existing integration products

See the documentation for the Cisco TMS Extension products for information on compatibility with this version of Cisco TMS.

Upgrading to 14.2.1

Before you install

You must update the server running Cisco TMS with all the latest Microsoft Windows Updates before you install/upgrade to Cisco TMS 14.2.1.

There are two reasons for this:

- The changes that have been made to the way Cisco TMS uses time zones rely on Windows for the time zone information.
- This version of Cisco TMS requires Windows hotfix 980368 to be installed on servers running Windows Server 2008 and Windows Server 2008 R2. (This is installed automatically on Windows 2008 R2 servers as part of Service Pack 1 but will need to be installed manually on Windows Server 2008.)
  This hotfix does not apply to Windows Server 2003.

Upgrading from 14.2 with Cisco TMSXE 3.1

Customers who have already installed Cisco TMSXE 3.1 with Cisco TMS 14.2 must follow the steps below to enforce re-replication of bookings. With a large database, the process will take several hours and may impact Cisco TMS performance. We therefore recommend performing this upgrade outside of peak office hours:

1. Upgrade to Cisco TMS14.2.1.
2. On the Cisco TMSXE server, open a command prompt.
3. Run the configuration tool using the switches: **`-wizard -resetAllTransactionIds`**
   The default location of the tool is **C:\Program Files\Cisco\TMSXE\ConfigurationApp.exe**
4. Step through the configuration wizard and opt to start the Cisco TMSXE Windows service when the tool closes.
   When the service starts, all bookings will be re-replicated.

Prerequisites and software dependencies

See the Cisco TelePresence Management Suite Installation Guide for the full list of compatible operating systems and database servers.

Upgrade and installation instructions

Cisco TMS uses the same installation program for both new installations of Cisco TMS and upgrades of previous Cisco TMS versions.

See *Cisco TelePresence Management Suite Installation Guide* for complete instructions for upgrade or installation.

Migrating from Cisco TMS Agent Legacy provisioning

If upgrading from 13.2.x or any earlier version using the legacy provisoning feature, you must migrate to Cisco TelePresence Management Suite Provisioning Extension (Cisco TMSPE) before upgrading to Cisco TMS 14.2.1.

Note that this migration requires version 13.2; if currently using an older version, you must:

1. Upgrade Cisco TMS to 13.2.x.
   If upgrading from a version earlier than 13, you will need to obtain a 13 release key from Cisco to perform this upgrade.
2. Install Cisco TMSPE 1.0, migrating your provisioning database following the instructions in *Cisco TelePresence Management Suite Provisioning Extension Deployment Guide* for Cisco TMS 13.2.
3. Upgrade to Cisco TMS 14.2.1.
4. Upgrade to Cisco TMSPE 1.1 following the instructions in *Cisco TelePresence Management Suite Provisioning Extension Deployment Guide* for that version.

Using the Bug Search Tool

The Bug Search Tool contains information about open and resolved issues for this release and previous releases, including descriptions of the problems and available workarounds. The identifiers listed in these release notes will take you directly to a description of each issue.

To look for information about a specific problem mentioned in this document:

1. Using a web browser, go to the Bug Search Tool.
2. Sign in with a cisco.com username and password.
3. Enter the bug identifier in the Search field and click **Search**.

To look for information when you do not know the identifier:

1. Type the product name in the **Search** field and click **Search**.
2. From the list of bugs that appears, use the **Filter** drop-down list to filter on either *Keyword*, *Modified Date*, *Severity*, *Status*, or *Technology*.

Use **Advanced Search** on the Bug Search Tool home page to search on a specific software version.

The Bug Search Tool help pages have further information on using the Bug Search Tool.

Getting help

If you experience any problems when configuring or using Cisco TelePresence Management Suite, see the "Product documentation" section of these release notes. If you cannot find the answer you need in the documentation, check the web site at http://www.cisco.com/cisco/web/support/index.html where you will be able to:

- Make sure that you are running the most up-to-date software.
- Get help from the Cisco Technical Support team.

Make sure you have the following information ready before raising a case:

- Identifying information for your product, such as model number, firmware version, and software version (where applicable).
- Your contact email address or telephone number.
- A full description of the problem.

To view a list of Cisco TelePresence products that are no longer being sold and might not be supported, visit http://www.cisco.com/en/US/products/prod_end_of_life.html and scroll down to the TelePresence section.

Document revision history

Date	Revision	Description
2015-02-24	10d	Added missing functionality change for scheduling No Connect conferences in 14.2.
2014-07-22	10c	Updated to include Trap Log > Feedback Log statement.
2013-08-21	10b	Removed CSCud72945 from Open Issues: this bug was resolved in 14.2.
2013-06-06	10	Amended 'Removed support for 3rd party systems' section to reflect withdrawal of support for entire Sony PCS Series.
2013-05-29	09	Changed 'Upgrade - Before you install' section text removing reference to Windows server 2003 for hotfix. Added missing resolved issue CSCuh19000.

Date	Revision	Description
2013-05-03	08	Release of version 14.2.1.
2013-04-29	07	Windows Server 2008 service pack information clarification.
2013-04-24	06	Release of version 14.2.
2013-02-01	05	Added software version of Cisco Unified CM for phone book source.
2013-01-25	04	Added missing resolved issues CSCub86700 and CSCub86648.
2013-01-03	03	Release of version 14.1.1.
2012-12-14	02	Release of version 14.1.
2012-07	01	Limited distribution release of version 14.0.

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