Cisco TelePresence Management Suite Provisioning Extension Version 1.4

Software Release Notes
Revised March 2016

Contents

Introduction

This document describes the main features of Cisco TelePresence Management Suite Provisioning Extension version 1.4, and changes from previous versions.

Product Documentation

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

- *Cisco TelePresence Management Suite Provisioning Extension with Cisco VCS Deployment Guide*
- *Cisco TelePresence Management Suite Provisioning Extension with Unified CM Deployment Guide*
- *Cisco TelePresence FindMe User Guide*

New features

New in 1.4

Add temporary WebEx connection to CMR

CMR Hybrid participants can now join CMR meetings, if enabled by the administrator.

From their CMR user portal page, users can now create a temporary WebEx connection to the CMR. The link to this meeting can be distributed to participants inside and outside of the corporate network before a meeting starts.

To prevent potential toll fraud issues, we recommend disabling **Call-back teleconferencing** on the WebEx site that is used for CMRs.

Guest role and lobby support for CMRs

Administrators can now enable CMRs to make use of both a host and a guest role. The two can have separate PIN codes, or guests may connect without a PIN.

Cisco TMSPE also adds support for a Guest Lobby for CMRs on TelePresence Server. If enabled by the administrator, guests must always wait at the lobby screen until at least one host is present in the CMR.

CMRs created with Cisco TMSPE 1.3 are fully compatible with 1.4. Unless the administrator actively updates the template, these CMRs will not have the guest role, and all participants will have the same privileges and PIN requirements as the host.

Optimize Resources

When creating a new CMR template, the **Optimize Resources** setting is now enabled by default.

Updated requirements

Installing or upgrading to Cisco TMSPE 1.4 requires Cisco TMS 14.6 to be installed first. For complete requirements and installation and upgrade instructions, see the deployment guide.

Email changes in Cisco TMS affect Cisco TMSPE

All users involved in booking a conference in Cisco TMS through any interface will now receive booking confirmation and error notification email messages when the conference is booked, updated, or deleted.

This will cause the service account used for Cisco TMSPE Smart Scheduler to receive a large number of email messages, as it is involved in all bookings from Smart Scheduler. If this becomes an issue, we recommend that you do one of the following:

- Configure your email server to archive and purge old email for these accounts.
- Change the service user's email address in Cisco TMS to `test@example.org` or similar.

New in 1.3

Enable and disable call-in participants

In Smart Scheduler, users can add Video Call-in and Audio Only Call-in participants to a meeting. This feature can now be enabled or disabled by the administrator in **Administrative Tools > Configurations > Provisioning Extension Settings > TelePresence User Portal**.

Cascading bridges when using CMRs

It is now possible to reserve ports on a bridge for cascading. This is set in Cisco TMS under **Systems > Provisioning > Users > Configure CMR Template >** **Allow Cascading**.

New in 1.2

Collaboration Meeting Rooms

Users can now create their own Collaboration Meeting Room (CMR) on TelePresence Conductor that is permanently available at a fixed video address.

- The administrator configures entitlement and group permissions from the Cisco TMSPE administrative interface.
- Users create their CMR from the Cisco TMSPE user portal.
  They can then edit their own Collaboration Meeting Room name, pin, and change the default video layout.

Collaboration Meeting Rooms require Cisco TelePresence Conductor version XC2.3.

Auto-connected recording devices and other participants

Users can use the new **Favorites** feature to add a recording alias as an auto-connected participant that will be connected whenever a new meeting is initiated in the CMR.

Auto-connected participants can also be used for adding other participants in support of different scenarios, such as:

- the user's own endpoint– to avoid the user having to wait in their own meeting for others to join.
- an IPVCR (or alternative playback device) to play back a recording.
- an audio bridge. To have a parallel video and audio conference, this can be used to trigger the cascade.
- a single alias that quickly brings together a team of people for an emergency meeting.

Additional administrative CMR features

The administrator can:

- Impersonate a user to create, update, or delete the user's CMR.
- Add bridge-specific JSON objects to templates as custom parameters used on meeting creation.
- Export an overview of all CMRs that have been created as a comma-separated file.
- Troubleshoot using the new service added for Collaboration Meeting Rooms in **Administrative Tools > Diagnostics > Provisioning Extension Diagnostics**.
  The service verifies connections to TelePresence Conductor and checks for any discrepancies. A ticket will be raised if the two are out of sync.
- Regenerate CMRs when changes have been made to the user repository or CMR templates.
- Reset the CMR configuration on TelePresence Conductor, deleting all CMRs.
  Note that this process will take a long time if thousands of CMRs have been set up. General TelePresence Conductor configuration will not be affected.

Localized User Portal

Smart Scheduler, Collaboration Meeting Room, and FindMe user interfaces are now available in:

- English (US)
- Chinese (CN)
- Chinese (TW)
- Danish

- Dutch
- French
- German
- Italian
- Japanese
- Korean
- Portuguese (BR)
- Russian
- Spanish (ES)
- Swedish

Users can change their own language setting by accessing their account settings from the user portal menu.

Time zone display has also been improved.

Favorites

A new Favorites feature has been added to the User Portal that allows users to store SIP video and audio addresses for easy access and setting up automatic connections.

Smart Scheduler improvements

Smart Scheduler bookings can now include:

- automatically connected (dial-out) participants from the Favorites, including recording aliases.
- users from the user repository or Favorites as call-in participants.
  When the user information includes an email address, Cisco TMS will email invited users with meeting information.

Improved Add Participants and Rooms functionality in Smart Scheduler

The search functionality when adding participants and rooms to a meeting in Smart Scheduler has been improved. Now you will get five search results in each of the following groups:

- Favorite
- Telepresence Room
- Telepresence User

In earlier versions, the search results were not categorized.

Support for Cisco Unified Communications Manager

Collaboration Meeting Room and Smart Scheduler can be configured to work in deployments with Cisco Unified Communications Manager (Unified CM). For details, see the new *Cisco TMSPE with* Unified CM *Deployment Guide*.

Note that device provisioning and FindMe are only available in Cisco VCS-based deployments.

Changes to Active Directory and LDAP support

The default port for Active Directory imports is now 3268, whether or not Kerberos is used. Existing configurations will not be changed on upgrade.

New settings have been added to allow Cisco TMSPE administrators to change the field mappings for user import from Active Directory/LDAP. The new settings can be found in **Administrative Tools > Configuration > Provisioning Extension Settings**, where the new sections are called **Active Directory Field Mapping for New User Imports** and **LDAP Field Mappings for New User Imports**.

New databases

When installing all features of Cisco TMSPE 1.2, two new databases are created in addition to the **tmspe** database.

The new databases are called **tmspe_vmr** and **tms_userportal**.

Customized installation

The administrator can customize the installation by manually selecting or deselecting the CMR and User Portal features with their respective databases.

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 TMSPE requires Cisco TMS 14.4, in which multiple improvements to booking behavior have been implemented, which benefit Smart Scheduler 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)**.

Changes to software requirements

- Java 7, update 51 or later, 32-bit or 64-bit is now required to install Cisco TMSPE. See Upgrading from previous versions [p.14] for instructions if you are currently running Java 6.
- Support for Internet Explorer 8 in the User Portal is discontinued in this release.

New in 1.1

Smart Scheduler

Cisco TMSPE includes a new, light-weight scheduler for telepresence meetings with and without WebEx.

Smart Scheduler replaces Cisco TMS Scheduler, which has been removed from Cisco TMS as of version 14.2. Requests for Cisco TMS Scheduler will be redirected to Smart Scheduler if installed.

Features:

- Clean, intuitive user interface
- Touchscreen-friendly controls
- Support for Cisco Collaboration Meeting Rooms Hybrid 2.0
- Support for single and recurrent meetings. Note that exceptions to a recurrent series are not supported at this time.
- Incremental search for telepresence rooms
- Booking confirmation by email handled by Cisco TMS

Users can schedule:

- Telepresence rooms
  Any bookable system in Cisco TMS can be scheduled directly.
- Call-in participants
  Any system that is not supported by Cisco TMS booking can be scheduled as a call-in participant, including devices provisioned by Cisco TMSPE.
  Call-in participants must use SIP for video or SIP Audio.

Meetings can be telepresence only or include WebEx.

FindMe redesign

The FindMe pages have been simplified and redesigned in the same style as Smart Scheduler:

- New look and feel
- Streamlined **My Locations** page
- Better suited for touchscreens and smaller screens
- Redundant ring duration option *Until caller hangs up* removed
- Easier to remove unused devices

On the administrator side, FindMe is now disabled by default when Cisco TMSPE is installed for the first time. Once configured, administrators can enable FindMe from the **Provisioning Extension Settings** page.

A notification will now be shown when enabling or disabling FindMe that the Cisco TMSPE service must be restarted for the change to take effect.

The FindMe pages will now only be available for users that have been set up with a video address.

Account settings

From the portal, provisioning, Smart Scheduler, and FindMe users can access their Cisco TMSPE account settings, where they can:

- See their username and video address (SIP URI)
- Change their provisioning password
- Change their preferred date and time format (saved per web browser)
- See their current time zone as detected on their computer
- Add a WebEx site, username, and password, if this has not already been configured for them in Cisco TMS

Portal pages are HTTPS only

Smart Scheduler, FindMe, and the account settings page can now only be reached on HTTPS.
HTTP requests to these locations will be redirected to HTTPS.

Auto-send account information

The administrator may now opt to automatically send the email message containing provisioning information to users when they are imported from Active Directory. This scheduled import job is run every night, and email will be sent on import completion.

The new setting is located in **Administrative Tools > Configuration > Provisioning Extension Settings > Account Information Email** and is called *Send Automatically on User Import*.

Improved device repository management

The device repository page now includes a toolbar that lets the administrator:

- select and deselect all devices
- delete selected devices
- download a list of all provisioned devices as comma-separated values in a file that may be opened in Excel or other applications for further processing

Support for Java 7

Cisco TMSPE 1.1 supports and requires Java 7 update 17, 32-bit or 64-bit.

Migration support discontinued

As Cisco TMSPE 1.1 requires Cisco TMS 14.2 or later, which does not support Cisco TMS Agent Legacy, it is not possible to migrate directly from the legacy product to this version.

See Migrating from Cisco TMS Agent Legacy [p.13].

Service startup is automatic

The startup mode of the Cisco TMSPE Windows service is now set to *Automatic*.

New in 1.0

Large-scale provisioning of user personalization, phone books, and endpoint configuration

The multi-master replication model of Cisco TMS Agent Legacy has been replaced by a single data source for phone books, user configurations, and FindMe data.

- SQL database on Cisco TMS server is the single configuration source for replication.
- Cisco VCS pulls data from Cisco TMSPE using APIs.
- Auto-created phone book includes all provisioning users. Tailored phone books based on groups and sub-groups of provisioning users can be created as desired.
- Any phone book/corporate directory from Cisco TMS can be provisioned to any supported device.

Change to handling of phone book requests

Administrators migrating from Cisco TMS Agent Legacy should note that phone book requests for each device must now be handled by the Cisco VCS that provisioned the device. For further information, see *Cisco TelePresence Video Communication Server Deployment Guide*.

Cisco TelePresence FindMe

With FindMe, users can be reached on any device using a single ID.Cisco TelePresence FindMe is an optional, but fully integrated part of Cisco TMSPE.

FindMe provides the ability for administrators and users to specify which endpoints (video and audio-only) should ring when someone calls a user's FindMe ID. FindMe also allows a user to specify fallback devices which will be called if any of the default devices are busy or not answered.

New FindMe backend

Administrators can configure account IDs for each user, set up location and device templates, and choose whether to add new devices to FindMe automatically on provisioning.

FindMe accounts can also be created to define forwarding rules for groups such as support desks.

FindMe may be deployed using Cisco TMSPE without the provisioning features.

New FindMe portal for users

The new FindMe portal is located on the Cisco TMS server, where users can log on with their Active Directory credentials. The portal has an updated graphical user interface.

See *Cisco TelePresence FindMe User Guide* for descriptions of how to use the portal to modify a FindMe profile with additional locations and devices and keep the profile up to date.

Active Directory user import

Several types of Active Directory and LDAP source are supported for on-demand or automated import and synchronization of groups and users:

- Secure Microsoft Active Directory with Kerberos
- Secure LDAP with StartTLS or SSL
- Standard Microsoft Active Directory
- Standard LDAP

Provisioning Extension diagnostics

The diagnostics are available under **Administrative Tools > Provisioning Extension Diagnostics**.

- **Run Health Check** to get an updated status of the Cisco TMSPE services.
- Alarms pane lists issues and incidents, corrective actions are included in the alarm details.

Migration wizard

A migration tool is available for users of the TMS Agent feature in Cisco TMS, now referred to as TMS Agent Legacy.

Cisco TMSPE will migrate the following from Cisco TMS Agent Legacy:

- Groups and users
- Active Directory import settings
- Provisioning configurations
- FindMe configurations

- Access control list (ACL) data
- Phone book data

Note that the migration wizard is not available in versions later than 1.0.

Resolved issues

Resolved in 1.4

To find the latest information about defects in this release, use the following Cisco bug search tool link:

https://tools.cisco.com/bugsearch/search?kw=*&pf=prdNm&pfVal=283613664&rls=TMSPE1.4&sb=fr&mDt=4&svr=3nH&srtBy=byRel&bt=custV

Resolved in 1.3

Identifier	Description
CSCuq29908	Added information for Windows Server requirements. Windows Server 2008 R2 Service Pack1 is necessary to run Cisco TMSPE.
CSCup54806	Resolved the issue where the TMS Provisioning Extension Windows Service was incorrectly installed as an interactive service.
CSCtx45683	Resolved the issue where it was not possible to send email from the Provisioning Directory with TLS.
CSCup13538	Resolved the issue where the install of Cisco TMSPE 1.2 failed due to failing credential check for the SQL databases.
CSCup10388	Resolved the issue where the install was unsuccessful due to a failed encryption check.
CSCuo69489	Moved the error message for PIN validation in the CMR Template screen to be aligned with other error messages in the same screen. The text is now displayed inside the field.
CSCuo69488	Changed range indication. In the **Edit CMR Template** pop-up box, the field used to limit conference duration; **Maximum Minutes** now displays the range *1 - 100805* instead of *0 - 100805*.
CSCuo14809	Resolved the issue where pages did not load for users with permission set to only access **Systems > Provisioning**.

Resolved in 1.2

The following issues found in the previous version were resolved in 1.2:

Identifier	Description
CSCue38077	Resolved issue with high CPU load during synchronization when provisioning a device with the same address as a FindMe alias.
CSCul32000	Resolved display issue on the **Systems > Provisioning > Users** and **FindMe** pages seen with Firefox.
CSCul16660	Resolved the issue where adding dial-out participants was not possible using Smart Scheduler.

CSCuo16683	Resolved the issue where FindMe created unnecessary entries in the log when trying to update/insert devices where the user had been deleted.
CSCuo16668	Resolved the issue where installing Cisco TMSPE created two root folders in the Provisioning Directory.
CSCuo16662	Removed the possibility to list the directories of Cisco TMSPE using a web browser.
CSCuo16656	Resolved the issue where Smart Scheduler did not reflect language settings set in Cisco TMSPE.
CSCul67658	Resolved the issue where the time zone in Smart Scheduler was not in consistent with the time zone of the client computer.
CSCue62346	Resolved the issue where global WebEx option **Add WebEx to All Conferences** is *Enabled* and the meeting WebEx option is *Disabled*, Webex was still added to the meeting.
CSCue62860	Resolved the issue when booking recurring meetings in the future displayed the wrong start day.
CSCuj87619	Resolved the issue where upgrading from a previous version, the browser cache had to be cleared for the Cisco TMSPE Self Service Portal and administrator interface to display as expected.
CSCug48210	Resolved the issue where shifting a recurrent series of bookings forward in time gave an incorrect notification saying that the rooms were busy.
CSCui09918	Resolved issue where meetings booked with dial-in and dial-out participants in Cisco TMS and then opened in Smart Scheduler with the same user, an erroneous warning appeared.
CSCtx49359	Resolved issue where the character combination `@#` in the database password caused the installer to fail. This combination is now valid. An "Illegal password" prompt will be displayed if a password contains four consecutive underscores.
CSCug74973	Resolved issue where installation failed with a new, manually created database. (Upgrading with an existing manually created database worked as expected.)
CSCuf47536	Resolved issue where it was not possible to use hyphens inside variables in video or device address pattern.

Resolved in 1.1

The following issues found in the previous version were resolved in 1.1:

Identifier	Description
CSCui59690	The Provisioning Extension Diagnostics page no longer reports errors for FindMe when the feature is disabled.
CSCue84125	Import of provisioned devices to phone books will now include devices for users not associated with a video address. Note that the phone book source must be regenerated once for these users to be included.
CSCuf36048	Resolved issue with Kerberos AD import locking up when hostname was pointing to a round-robin DNS entry rather than the FQDN of the global catalog server.
CSCue02749	Resolved issue where updating the database password using TMS Tools would fail.
CSCub64391	No longer requiring a Video Address Pattern for phone book entries when FindMe is not being used.

Identifier	Description
CSCty99876	Resolved issue where a large number of simultaneous connections to the FindMe portal could cause the application to hang, and the TMS Provisioning Extension Windows service had to be restarted.
CSCue03915	Resolved issue where searching for users with non-ASCII characters in their names would fail in the user repository.
CSCub86676	Resolved issue where granting access to the same phone book multiple times in a row would cause the phone book to crash.
CSCtx42816	Resolved issue requiring users to empty browser cache after Cisco TMSPE upgrade.
CSCty65492	Resolved issue where renaming a configuration template would not immediately take effect in all parts of the user interface.
CSCty93080	When there is insufficient space on the installation server, the installer will now display an appropriate error message.
CSCua68204	Whitespace will now be stripped before saving any updated value to a configuration template, to avoid invalid values getting stored and applied.
CSCud41095	Added basic support for TLS-based import from LDAP using the *SSL* connection type. Certificate handling is not supported.
CSCud04702	Added device type to user-created FindMe devices so that they will correctly synchronize with Cisco VCS.
CSCua07195	Improved error handling and notifications when sending account information email fails.
CSCuc48464 CSCub85138	In **Administrative Tools > Configuration > Provisioning Extension Settings > Cisco TMS Connection**, made it possible to switch **HTTPS connection** from *No* to *Yes* when: ■ HTTP is disabled in IIS. ■ The current certificate has expired.
CSCtz91294	Resolved issue with authenticating to Cisco TMS from installer when IIS is set up to redirect all requests to HTTPS.
CSCua78970	Resolved installer encoding issues preventing SQL passwords containing special (non-ASCII) characters and quote marks from working.
CSCub92536	Added support for forced encryption on SQL instance connections, resolving issue where instances requiring encryption would throw an error and fail to connect during installation.
CSCtz84374	The installer now validates SQL connection strings and notifies users that the only valid format for including a port is using a colon between the instance and port.
CSCtx52264	Improved error message when trying to install on a server with multiple network interface cards, which is not supported.

Resolved in 1.0

The following issues were found in Cisco TMS Agent Legacy and are resolved or no longer valid in Cisco TMSPE.

Internal reference	Identifier	Description
69389		**SIP Authentication Password** and **SIP Authentication LoginName** are now only editable if specified by the endpoint's template schema.
76400		Simplified field names in configuration templates, removed leading "Configuration".
82391	CSCtr77802	All characters that are not escaped are now supported for email addresses, per RFC 2822.
88466		The software upgrade mechanism can now be used for all currently provisionable endpoints except Jabber Video.
115121		Endpoint software can no longer be "upgraded" to the same version that is already running on the endpoint.
117169		New configuration template architecture makes it impossible to edit configurations that are not supported by the device's configuration template schema.
117912		New email template for account information avoids ambiguous usage of full stops.
118819		No longer distorting very long provisioning usernames.

Open issues

Click this link to see the open issues for Cisco TMSPE 1.4.

Issues type	Link to list of issues
Open issues	https://tools.cisco.com/bugsearch/search?kw=*&pf=prdNm&pfVal=284330317&sb=afr&srtBy=byRel&bt=custV&_suid=141232846372904376754171354964

Limitations

Feature	Limitation
Java support	Upgrading Java during operation of this product is not supported. Java version 8 is not supported. **CAUTION:** Do not upgrade Java while Cisco TMSPE is running. Disable the Windows service prior to any upgrade. We strongly recommend disabling automatic Java updates on the server.
Smart Scheduler	■ The site administrator configured for communication with Cisco TMS will receive an e-mail notification every time a meeting is booked or updated in Smart Scheduler. ■ Modifying single instances of recurrent meetings is currently not possible in Smart Scheduler. Series with exceptions created in Cisco TMS or other booking interfaces may not be modified using Smart Scheduler. ■ Modifying a previously booked meeting series with a computer set to a different time zone than used for the original booking, will change the recurrence pattern's end date to use the latest time zone.

Feature	Limitation
Named Pipe connection issues using SQL Express	In the MSDE mode using the Named Pipe protocol, connection to the database may fail with the error "The specified network name is no longer available". The problem is seen on Windows Server 2008, and can be solved with the following hotfixes: Windows Server 2008 R2: http://support.microsoft.com/kb/2194664http://support.microsoft.com/kb/2444328 Note that the default connection protocol is TCP/IP.
Dual network interface not supported	Like Cisco TMS, this extension does not support the use of two network interfaces. (Identifier CSCtx52264)
Language settings	In the Self Service Portal, the **Language** setting for each particular user in **Account Settings** does not influence the language setting in Cisco TMS.
TelePresence Conductor scheduling	Cisco TMSPE scheduling with TelePresence Conductor does not currently support Cisco Collaboration Meeting Rooms Hybrid.
McAfee Antivirus	McAfee Antivirus will occasionally corrupt files required for Cisco TMSPE to run. Disable McAffe Antivirus during install.

Updating to Cisco TMSPE 1.4

Prerequisites and Software Dependencies

Cisco TelePresence Management Suite Provisioning Extension 1.4 requires:

- Cisco TMS 14.6
- Cisco TelePresence Conductor XC3.0

One or both of the following is also required:

- Cisco VCS X8.2, X8.5 or X8.6.1
- Unified CM 10.0 or 9.1

For installation instructions, full system requirements, and other prerequisites, see *Cisco TelePresence Management Suite Provisioning Extension Deployment Guide* for Cisco VCS or Unified CM.

Migrating from Cisco TMS Agent Legacy

Direct migration to this version of Cisco TMSPE is not supported.

Before upgrading to 1.4, customers running Cisco TMS Agent Legacy must migrate by way of:

- Cisco TMS 13.2.x
- Cisco TMSPE 1.0

Instructions for migration can be found in *Cisco TelePresence Management Suite Provisioning Extension Deployment Guide* for Cisco TMSPE 1.0 with Cisco TMS 13.2.5

Upgrading from previous versions

High-level workflow

Cisco TelePresence Management Suite Provisioning Extension relies on and integrates with multiple other products.

When upgrading your deployment:

1. Upgrade Cisco TMS to the required version following the instructions in *Cisco TMS Installation and Upgrade Guide*.
2. Upgrade Cisco Cisco TMSPE.
3. Upgrade other systems such as TelePresence Conductor as required.

Upgrading Cisco TMSPE

If the server is running Java 7

To upgrade if Java 7 is already installed on the server:

1. Ensure that all critical Windows Updates are installed on your server.
2. Close all open applications and disable virus scanning software.
3. Extract the Cisco TMSPE installer from the zip archive to the Cisco TMS server.
4. Run the Cisco TMSPE installer as administrator.
5. Follow the installer instructions.

Any existing provisioning and FindMe configurations will be kept when upgrading.

If the server is running Java 6

To upgrade if the server is still running Java 6:

1. Uninstall Cisco TMSPE on the server. Do not remove any other files.
2. Install Java 7.
3. Ensure that all critical Windows Updates are installed on your server.
4. Close all open applications and disable virus scanning software.
5. Extract the Cisco TMSPE installer from the zip archive to the Cisco TMS server.
6. Run the Cisco TMSPE installer as administrator.
7. Follow the installer instructions.

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.

Technical support

If you cannot find the answer you need in the documentation, check the website at 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: www.cisco.com/en/US/products/prod_end_of_life.html and scroll down to the TelePresence section.

Document Revision History

Date	Revision	Description
March 2016	12	Updated Cisco VCS version in Prerequisites and Software Dependencies section.
February 2015	11	Added Smart Scheduler search functionality changes to New Feature section.
January 2015	10	Release of Cisco TMSPE 1.4. Revised upgrade dependency section.
September 2014	09	Release of Cisco TMSPE 1.3.
May 2014	08	Release of Cisco TMSPE 1.2.
2013-08-13	07	Added bug toolkit ID for CSCui59690.

Date	Revision	Description
2013-06-17	06	Updated to reflect the release of Cisco TMS 14.2.2, which addresses two issues adversely affecting Smart Scheduler. See *Cisco TelePresence Management Suite Release Notes* (14.2.2) for details. Cisco TMS 14.2.2 is now a requirement for deployments using Smart Scheduler.
2013-05-15	05	Added open issue CSCu74973.
2013-04-24	04	Release of Cisco TMSPE 1.1.
2012-09-18	03	Added information about changed handling of phone book requests. Added link to Cisco TMSPE whitepaper.
2012-05-10	02	Removed invalidated issue CSCty45700. Installing with a default database instance works as expected.
2012-04-27	01	Release of Cisco TMSPE 1.0.