



Installing and Configuring Cisco PreQualification Assistant

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Introduction

This chapter explains how to install and configure the Cisco TelePresence Manager PreQualification Assistant tool.

It is important to install and run the PreQualification Assistant to ensure that the preconfiguration setup is performed correctly. The data you enter into the Tool Test Configuration forms are used to verify connections to the servers and validate data from them that is used to configure CTS-Manager.

Pre-Configuration Procedure Guidelines for Checking Initial Network Setup

This table provides a guideline for the procedures you will need to reference in order to check the setup of the network **before** installing Cisco TelePresence Manager.

This table also lists the next couple to tasks to be performed when installing the CTS-Manager system.

Table 7-1

		<u><u> </u></u>	T 11 11 0		
	Pro-l'ontiaurstion	1-indolinoc for	locting the S	vetom Notwork Soti	p for CTS-Manager
/	1 IC-Comiguiation	Guidennes ior	icoung the o	VOLCINI INCLINUIN OCL	

Setup Procedure Guidelines before Installing CTS-Manager	Description	Location	
Install and configure PreQualification Assistant	Install, configure, and run the PreQualification Assistant to ensure that your preconfiguration setup is performed correctly. The data you enter into the Tool Test Configuration forms are used to verify connections to the servers and get data from them to be used to configure CTS-Manager	Current Chapter.	
Next Step after Pre-Configuration			
(For installations on UCS server only) Configuring the UCS Server and VMware for Cisco TelePresence Manager	1	Chapter 8, "Configuring UCS Server and VMware for Cisco TelePresence Manager"	
Install or Upgrade Cisco TelePresence Manager		Chapter 9, "Installing or Upgrading Cisco TelePresence Manager"	

Installing the PreQualification Assistant Tool

After you have downloaded the PreQualification executable, use the following procedures to install the tool.

Step 1 Double-click the executable to begin the install process. After the Installer window appears, click the **Next** button.



Figure 7-1 PreQualification Assistant Installer Window

Step 2 Specify if the application is to be a personal profile or can be used by others. Then click the **Next** button.



🕫 CTSMan PreQualification Assistant To	ool 1.7 - Excelsior Installer	
Installation type Choose installation type		
Install this application for:		
Current user only		
 Anyone who uses this computer 		
Install	< Back Next >	Cancel

Step 3 Review and accept the destination folder defaults and click the **Next** button.

Γ

🕫 CTSMan PreQualification Assistant T	ool 1.7 - Excelsior Installer 🛛 🔲 🔀
Destination folder	
Select destination folder	
The installer will install CTSMan PreQualificatio following folder.	n Assistant Tool 1.7 components to the
To install to this folder, click Next.	
To install to a different folder, click Browse an	d choose another folder.
Destination folder	
C:\Program Files\Cisco\CTSMan PreQuali	fication Assistant Tool 1.7 Browse
Space required on C:	270092 K
Space available on C:	58572812 K
Instal	< Back Next > Cancel

Figure 7-3 Destination Folder Window

Step 4 Review the program folder destination, accept the defaults and click the **Next** button.

Figure 7-4 Program Folder Window

📅 CTSMan PreQualification Assistant Tool 1.7 - Excelsior Insta	ıller 💶 🗖 🔀
Program folder Select program folder	
The installer will add program icons to the program folder listed below. You r folder name or select one from the list of existing folders. To continue, click	
Cisco Systems\CTSMan PreQualification Assistant Tool 1.7	
Accessories Administrative Tools Adobe Adobe Web Standard CS3 CEPS Client Clisco	
Cisco IT Tools Cisco Systems VPN Client Cisco WebEx Connect	<u>~</u>
Instal < Back Next >	Cancel

Step 5 In the Start Installation window, review the folder information and if correct, click the Next button.

CTSMan PreQualificatio	n Assistant T	0011./ - Exce	lsior Installer	
The installer is ready to instal Click Next to begin the install Current settings:				
Destination folder C:\Program Files\Cisco Sy Program folder Cisco Systems\CTSMan Pi			isistant Tool 1.7	< >
Instal		< Back	Next >	Cancel

Figure 7-5 Start Installation Window

Step 6 If you are ready to finalize the installation, click **Finish** button.

Note

Uncheck the **Start** checkbox if you don't want to launch the tool immediately after completing the installation.



Figure 7-6 Installation Completed Window

Uninstalling a Previous Version

Uninstall previous versions using the PreQualification uninstaller.

e	The directory is not removed at the end of the uninstall.
	To uninstall the CTS-Manager PreQualification Assistant Tool:
I	Close the window.
	Open the Windows Task Manager window on the PC and notice that both the uninstall processes are still running.
	In the Task Manager window, to the processes Tab and look for the PreQualification UI. Highlight it and click End Process .
	Go to the Control Panel, Add or Remove Programs. Remove the PreQualification program. This will terminate the directory and it can be removed.

Running the Tool - Using the Tool Application Window

The CTS-Manager PreQualification tool allows administrators to determine if any changes are needed to their network to support a CTS-Manager installation.

The tool runs a series of tests to determine if your LDAP server, Calendar server, and Cisco Unified CM configurations meet the requirements to support CTS-Manager. The set of tests you run are determined by the Calendar server running on your network (IBM Domino or Microsoft Exchange). You can also run a set of tests without specifying a calendar server.

In order to run a series of tests you need to provide the tool with configuration information for your LDAP servers, Calendar server, Cisco Unified CM servers and WebEx server. The four-tabbed window displays the information that is configured for the servers. To add, edit or delete this information, use the Add, Edit, or Delete buttons to access the host configurations forms used to enter configuration data.

Figure 7-7 Tool Application Window

System Help						
DAP Servers (Active Directory)	Calendar Ser	ver (Microsoft Exchange)	Unified CMs	WebEx Server		
Hostname		Username			Default Ctx	
						_
						_
						_
						Add.
						Edit.
						Delete
						Delete
						_
						_
2		IIII				
<		m			3	×
<		Execute Te	sts]	0	>
<					<u>.</u>	
<		Execute Te				
Test Description		Execute Te		nt	Status	Result
Test Description Fetch default context from LDAF		Execute Te	Compone LDAP Serve	ers	Status Not Ready	Result
Test Description Fetch default context from LDAF Verify connection to LDAP serve	er	Execute Te	Componer LDAP Serve LDAP Serve	ers ers	Status Not Ready Not Ready	Result (View) (View)
Test Description Fetch default context from LDAP Verify connection to LDAP serve Fetch and check LDAP version co	er	Execute Te	Componer LDAP Serve LDAP Serve LDAP Serve	ers ers ers	Status Not Ready Not Ready Not Ready	Result View View
	er	Execute Te	Componer LDAP Serve LDAP Serve	ers ers ers ers	Status Not Ready Not Ready Not Ready Not Ready Not Ready	Result (View) (View)
Test Description Fetch default context from LDAP Verify connection to LDAP serve Fetch and check LDAP version co Verify user containers Extract all object classes	er ompatibility	Execute Te	Componen LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve	ers ers ers ers ers	Status Not Ready Not Ready Not Ready	Result (View) (View) (View)
Test Description Fetch default context from LDAF Verify connection to LDAP serve Fetch and check LDAP version co Verify user containers Extract all object classes Extract attributes of object class	er ompatibility s 'Person'	Execute Te	Componer LDAP Serve LDAP Serve LDAP Serve LDAP Serve	ers ers ers ers ers ers ers	Status Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready	Result View View View View
Test Description Fetch default context from LDAF Verify connection to LDAP serve Fetch and check LDAP version of Verify user containers Extract all object classes Extract attributes of object class Verify connection to Calendar Se	er ompatibility s 'Person' erver	Execute Te	Componen LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve	ers ers ers ers ers ers ers ers	Status Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready	Result View View View View View
Test Description Fetch default context from LDAF Verify connection to LDAP serve Fetch and check LDAP version of Verify user containers Extract all object classes Extract attributes of object class Verify connection to Calendar Se Retrieve mailbox quota informat	er ompatibility s 'Person' erver tion	Execute Te	Component LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve Calendar Serve	ers ers ers ers ers ers ers rver rver	Status Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready	Result View View View View View View
Test Description Fetch default context from LDAF Verify connection to LDAP serve Fetch and check LDAP version of Verify user containers Extract all object classes Extract attributes of object class Verify connection to Calendar Se Retrieve mailbox quota informat Retrieving display name for roor	er ompatibility s 'Person' erver tion m(s)	Execute Te	Componen LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve Calendar Ser Calendar Ser	ers ers ers ers ers ers rver rver rver	Status Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready	Result View View View View View View View
Test Description Fetch default context from LDAF Verify connection to LDAP serve Fetch and check LDAP version of Verify user containers Extract all object classes Extract attributes of object class Verify connection to Calendar Se Retrieve mailbox quota informat Retrieving display name for roor Subscribe MS Exchange events I	er ompatibility s 'Person' erver tion m(s)	Execute Te	Component LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve Calendar Ser Calendar Ser Calendar Ser	ers ers ers ers ers ers rver rver rver r	Status Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready	Result View View View View View View View View
Test Description Fetch default context from LDAF Verify connection to LDAP serve Fetch and check LDAP version of Verify user containers Extract all object classes Extract attributes of object class Verify connection to Calendar Se Retrieve mailbox quota informat Retrieving display name for roor Subscribe MS Exchange events I Authenticate scheduler user	er ompatibility s 'Person' erver tion m(s) for room	Execute Te	Component LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve Calendar Ser Calendar Ser Calendar Ser Calendar Ser	ers ers ers ers ers ers rver rver rver r	Status Not Ready Not Ready	Result View View View View View View View View
Test Description Fetch default context from LDAF Verify connection to LDAP serve Fetch and check LDAP version of Verify user containers Extract all object classes Extract attributes of object class Verify connection to Calendar Se Retrieve mailbox quota informat Retrieving display name for roor Subscribe MS Exchange events I Authenticate scheduler user Retrieve display name for sched	er ompatibility s 'Person' erver tion m(s) for room duler	Execute Te	Component LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve Calendar Ser Calendar Ser Calendar Ser Calendar Serve LDAP Serve	ers ers ers ers ers ers ers rver rver rv	Status Not Ready Not Ready	Result View View View View View View View View
Test Description Fetch default context from LDAF Verify connection to LDAP serve Fetch and check LDAP version co Verify user containers	er ompatibility s 'Person' erver tion m(s) for room duler servers ver	Execute Te	Component LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve LDAP Serve Calendar Ser Calendar Ser Calendar Ser Calendar Serve LDAP Serve LDAP Serve	ers	Status Not Ready Not Ready	Result View View View View View View View View

The Tool application runs a series of tests to determine if your LDAP server, Calendar server, and Cisco Unified CM server configurations meet the requirements to support CTS-Manager. The set of tests you run are determined by the Calendar server running on your network (IBM Domino, Microsoft Exchange (Active Directory), or Microsoft Exchange EWS). You can also run a set of tests without specifying a Calendar server.

The lower part of the window displays the status of each test after clicking the Execute Tests button. Once you have run a set of tests you can view the results of each test in a Test Result window. The test results contain troubleshooting data needed to prepare your LDAP servers, Calendar server, and Cisco Unified CM servers to work with CTS-Manager.

If additional analysis is required to prepare your network, you can create a zip file for technical support that includes all the test results.

The Tool application window has three main areas which are explained in the following sections.

Menu Commands

The following sections describe the commands in the File menu.

File Menu Commands

- The **New Profile** command saves all the Test form field values you have entered to a profile that can be used again.
- The Delete Profile command asks you to confirm your deletion of the active profile.
- The Load Profile command lists the saved profiles. You can choose which profile you want to use to run the PreQualification tests.

Figure 7-8 File Menu Commands



System Menu Command

- The **Select Calendar Server** lists the Calendar servers. Choose either None, Microsoft Exchange, Domino, or Microsoft Exchange EWS to display the corresponding Test Configuration forms.
- The **Execute Tests** command performs the same function as the Execute Tests button displayed above the Test Status list at the bottom of the application window.
- The **Collect Logs** command collects all the tests you've run into a zip file to make it easy to transport the results to Cisco Technical Support, refer to Figure 7-9.

- If you check the **Include Config Settings** checkbox, the values you entered into the Host Configuration forms are collected and included in the zipped report.

Report Generation		
Customer Name:		
Include Config Settings:		
1 1 Mar - 1 1 - 1		
Additional Note:		
	~	
Save Report To:		Browse
	Generate	Cancel

Figure 7-9 Report Generation Window

• The **System > Export Configurations** selection allows you to export all the configurations you have saved to a data file.

Figure 7-10 LDAP Configuration Export Window

Configuration Export		×
data file can be used to pre-pop	shall store currently loaded configurations to the specified data file. The ulate configuration settings during the First Time Setup of a Cisco n) system. The same password must be given at that time to validate the	
Password:		
Export Configs To:	Browse)
	Export Cance	9

Host Configuration Window

The PreQualification Configuration window presents four areas, selected by individual tabs. The tabs display the LDAP server, Calendar server and Unified CM server configurations you've chosen from the Select Calendar Server command in the System menu.



The Test and Add/Edit Configuration Form fields and how they are used are described in the Using PreQualification Configuration Forms section.

Test Status Window

The bottom of the application window lists the tests available. This will change depending on which server type is chosen. The Component area lists which tests are available for each server type.

Figure 7-11	The Test Status Window
-------------	------------------------

Test Description	Component	Status	Result
Fetch default context from LDAP server	LDAP Servers	Not Ready	(View)
Verify connection to LDAP server	LDAP Servers	Not Ready	[View]
Fetch and check LDAP version compatibility	LDAP Servers	Not Ready	[View]
Verify user containers	LDAP Servers	Not Ready	[View]
Extract all object classes	LDAP Servers	Not Ready	[View]
Extract attributes of object class 'Person'	LDAP Servers	Not Ready	[View]
Verify connection to Calendar Server	Calendar Server	Not Ready	[View]
Retrieve mailbox quota information	Calendar Server	Not Ready	[View]
Retrieving display name for room(s)	Calendar Server	Not Ready	[View]
Subscribe MS Exchange events for room	Calendar Server	Not Ready	[View]
Authenticate scheduler user	LDAP Servers	Not Ready	[View]
Retrieve display name for scheduler	LDAP Servers	Not Ready	[View]
Verify connection to Unified CM servers	Unified CMs	Not Ready	[View]
Verify connection to WebEx server	WebEx Server	Not Ready	[View]
Verify SSO authentication from WebEx server	WebEx Server	Not Ready	[View]

Test Description	This column describes the test.
Component	This column displays the type of test available on the different servers.
Status	This column displays the status of the test. The statuses are:
	• Not Ready - All the required Test Configuration Form fields do not have values.
	• Ready - All the required Test Confutation Form fields have the required vales entered.
	• Not Applicable - The test will not be run, because the LDAP/Calendar server does not need the test results
	• Failed - The test did not pass. Refer to the Test Results window by clicking the View button to the right of the failed test.
	• Passed - The test passed. There are no configuration changes needed to support the test results.
Result	This column contains the View buttons for viewing the results for each test.

Using PreQualification Configuration Forms

There are three Test Configuration forms (LDAP server, Calendar server, and Cisco Unified CM). There are also four network environments (Exchange calendar server, Domino calendar server, Microsoft Exchange EWS, and no calendar server). There are set up windows, Add servers, Edit server configuration forms which are used to collect the data required to run the relevant tests for each network environment The sections below define the different windows and configuration forms for each network environment.

Cisco Unified Communications Manager Configuration Form

The Cisco Unified CM (Unified CM) Configuration form requires the same data for all three network environments.

🚟 CTS-Man PreQualification Assis	tant [Profile: Default]		
File System Help			
LDAP Servers (Active Directory) Calenda	ar Server (Microsoft Exchange) Unified C	Ms WebEx Server	
Hostname	Username		
			Add
			Edit
			Delete
	Execute Tests		
	Abort Tests		

Figure 7-12 The Cisco Unified CM List Configuration Form

This window lists all the Cisco Unified CM servers that have been configured for the CTS-Manager. If all of the Unified CM servers have been configured, use the Execute Tests button to make sure that they have been configured correctly.

If it is necessary to change the configuration of one, highlight the line, and click the **Edit** button to change the configuration.

To remove one, highlight it and then click the **Delete** button.

When adding a Unified CM, click the Add button and the following Host Configuration window appears.

Figure 7-13 The Cisco Unified CM Add/Edit Configuration Form

C	UCM Server		
	Host Configuration		
	Host:	192.168.10.14	
	Bind Mode:	O Normal Secure	
	Port:	8443]
	Username:	ctsman	
	Password:	****	
	Certificate:	C:\Documents and Settings\jsmith\Desktop\VMCUCM14.cer	Browse
			Save Cancel

Table 7-3 The Cisco Unified CM Add/Edit Configuration Form Fields

Field Name	Field Value
Host	The hostname or IP address of Cisco Unified CM
Bind Mode	This is always set to secure mode.
Port	This is always set to port 8443.
Username	Login account with Cisco Unified CM Application User account name. The admin username is not needed.
Password	Password for Cisco Unified CM. Again, the Application User account
Certificate	The full pathname to the Cisco Unified CM security certificate.
Save	Use this button to save the configuration.
Cancel	Cancel from this window if not adding a new Unified CM or editing the configuration.

Test(s) Enabled by the Host Configuration Form

• Verify connection to Cisco Unified CM servers.

Test Host Configuration Forms in a Generic Environment

You can use the PreQualification Tool to test your LDAP server without specifying a calendar server. This applies when the user selects Calender Server, "None."

This window lists all the generic LDAP servers that have been configured for the CTS-Manager. If all of the servers have been configured, use the Execute Tests button to make sure that they have been configured correctly.

Figure 7-14 LDAP Server Generic Window

🟙 CTS-Man PreQualification Assis	tant [Profile: De	fault]			
File System Help					
LDAP Servers (Generic) Unified CMs W	/ebEx Server				
Hostname	User	rname		Default Ctx	
					Add
					Edit
					Delete
<				>	
				, 👱	
		Execute Tests			
		Abort Tests			
Test Description		Comp	onent	Status	Result
Verify connection to LDAP server		LDAP Se		Not Ready	[View]
Verify user containers Extract all object classes		LDAP Se LDAP Se		Not Ready Not Ready	View View
Extract all object classes Extract attributes of object class 'Person		LDAP St LDAP St		Not Ready	View
Authenticate scheduler user		LDAP Se	ervers	Not Ready	View
Retrieve display name for scheduler		LDAP Se	ervers	Not Ready	View

If it is necessary to change the configuration of one, highlight the line, and click the **Edit** button to change the configuration and the Host Configuration window appears, refer to Figure 7-15.

To remove one, highlight it and then click the **Delete** button.

When adding another LDAP server, click the **Add** button and the following configuration window appears.

Select the Unified CM's tab. This window lists all the generic Cisco Unified CMs that have been configured for the CTS-Manager. If all of the Unified CMs have been configured, use the Execute Tests button to make sure that they have been configured correctly.

LDAP (Generic) Test Configuration Form

Host Configuration		
Host:	1]
Bind Mode:	⊙ Normal O Secure	
Port:	389]
Username:]
Password:]
Certificate:		Browse
Default Context:		Default Server:
🔵 Default 💿 NonDefault		
Scheduler Authentication		
User Containers:		Add
		Delete
Scheduler Username:		
Scheduler Password:		
Login Attribute (EmailID):	mail	
		Save Cance

Figure 7-15 The LDAP Server (Generic) Add/Edit Configuration Form

Field Name	Field Value	
Host	The hostname or IP address of the LDAP server.	
Bind Mode	If you set this to secure you'll need to provide security certificate.	
Port	In Normal bind mode the port setting is 389. In Secure bind mode the port setting default is 630	
Username	Enter the Active Directory user account username as the user fully qualified domain name (not the login name).	
	Note You also include the default context in the Username field. Examples are: cn=administrator, cn=users, dc=mycompany, dc=com.	
Password	Password for LDAP server with administrative privileges.	
Certificate	The full pathname to the LDAP security certificate. This is needed only if you are using the Secure Bind Mode.	
NonDefault or Default Context	The NonDefault button is selected as the default. To change this, select Default and enter the default context in the form: o=ciscoDev	
Scheduler Authentication		
User Containers	The containers from which queries are performed to retrieve user objects. More than one user container or user object can be specified. The Cisco Telepresence server uses the values entered to search through the containers in sequence to retrieve user and meeting room information from the Directory Server. Additionally, these containers are used to retrieve user information for authentication.	
	User containers are entered in the Entry field above the User Containers field. Use the Add button to add a user container to the list. To delete a user container from the list, select the specific user container and click Delete.	
Scheduler Username	When the user selects "None" option, then this is not needed for generic LDAP environment, otherwise use your logon name.	

Table 7-4 The LDAP Server (Generic) Add/Edit Configuration Form Fields

Field Name Field Value	
Scheduler Password	When the user selects "None" option, then this is not needed for generic LDAP environment, otherwise use the same as the Password for LDAP server with administrative privileges
Login Attribute (EmailID)	For "None" option use "mail" or for Exchange 2007 use "proxy Address."

Table 7-4 The LDAP Server (Generic) Add/Edit Configuration Form Fields (continued)

Test(s) Enabled by this Test Configuration Form

- Verify connection to LDAP server
- Verify user containers
- Extract all object classes
- Extract attributes of object class 'Person'

Test Configuration Forms in a Microsoft Exchange Environment

You can use the PreQualification Tool to test your LDAP server when specifying a Microsoft (Active Directory) calendar server. This applies when the user selects Calender Server, "Microsoft Exchange."

This window lists all the LDAP servers that have been configured for the CTS-Manager. If all of the servers have been configured, use the Execute Tests button to make sure that they have been configured correctly.

Figure 7-16	LDAP Server	Microsoft Active	Directory	Window

🚟 CTS-Man PreQualification Assis	stant [Profile: Default]		
File System Help			
LDAP Servers (Active Directory) Calend	ar Server (Microsoft Exchange) Unified C	Ms WebEx Server	
Hostname	Username	Default Ctx	
			Add
			Edit
			Delete
			-
<		>	
			<u> </u>
	Execute Tests		
	Abort Tests		

This window lists all the LDAP (Active Directory) servers that have been configured for the CTS-Manager. If all of the LDAP servers have been configured, use the Execute Tests button to make sure that they have been configured correctly.

If it is necessary to change the configuration of one, highlight the line, and click the **Edit** button to change the configuration.

To remove one, highlight it and then click the **Delete** button.

When adding a LDAP server, click the Add button and the following configuration window appears.

LDAP Server (Active Directory) Test Configuration Form

DAP Server			X	
Host Configuration				1
Host:	192.168.10.12			_
Bind Mode:	Normal Secure			-
Port:	389			-
Username:	CTS Manager			
Password:	****			
Certificate:			Browse	-
Default Context:	DC=example-abc,DC=cc	m		Add.
Scheduler Authentication				Edit.
User Containers:	 cn=users,dc=example-al	bc,dc=com	Add Delete	Delete
Scheduler Username:	example_user			
Scheduler Password:	******			
Login Attribute (EmailID):	proxyAddresses			>
			Save Cancel	
est Description		Component	Save Cancel Status Not Ready	Result

Figure 7-17 The LDAP Server (Active Directory) Add/Edit Configuration Form

 Table 7-5
 The LDAP Server (Active Directory) Test Configuration Form Fields

Field Name	Field Value
Host	The hostname or IP address of the LDAP server.
Bind Mode	If you set this to secure you'll need to provide a security certificate.
Port	In Normal bind mode the port setting is 389. In Secure bind mode the port setting default is 636.
NonDefault or Default Context	The NonDefault button is selected as the default. To change this, select enter the default context in the form dc=mycompany, dc=com

Field Name	Field Value
Username	Enter the Username as the user fully qualified domain name.
	Note You also include the default context in the Username field. Examples are: cn=administrator, cn=users, dc=mycompany, dc=com.
Password	Password for LDAP server with administrative privileges.
Certificate	The full pathname to the LDAP security certificate. This is needed only if you are using the Secure Bind Mode.
User Containers	The containers from which queries are performed to retrieve user objects. More than one user container or user object can be specified. Cisco TelePresence Manager uses the values entered to search through the containers in sequence to retrieve user and meeting room (endpoint) information from the Directory Server. Additionally, these containers are used to retrieve user information for authentication.
	User containers are entered in the Entry field above the User Containers field. Use the Add button to add a user container to the list. To delete a user container from the list, select the specific user container and click Delete.
Scheduler Username	The scheduler username is the value of an end user ID.
Scheduler Password	When the user selects "None" option, then this is not needed for generic LDAP environment, otherwise use the same as the Password for LDAP server with administrative privileges
Login Attribute (EmailID)	For "None" option use "mail"

Table 7-5 The LDAP Server (Active Directory) Test Configuration Form Fields (continued)

Test(s) Enabled by this Test Configuration Form

- Verify connection to LDAP server
- Verify user containers
- Extract all object classes
- Extract attributes of object class "Person"
- Retrieve display name for scheduler
- Authenticate scheduler user

Calendar Server (Microsoft Exchange) Host Configuration Form

	n Assistant [Profile: Defa	ult]		
System Help				
DAP Servers (Active Directory)	Calendar Server (Microsoft Exc	hange) Unified CMs WebEx Server		
Host Configuration				
Host:	192.168.10.11			
Bind Mode:	Normal Secure			
Port:	443			
SMTP Domain:	tsbu-tme.com			
Logon Name:	ctsman			
SMTP LHS:	ctsman			
Password:	*****			
Certificate:	C:\Documents and Settings\ag	Jowack),Desktop),2007exch.cer Br	owse	
Room Subscription				
Room Email IDs:	room2@tsbu-tme.com room3@tsbu-tme.com room1@tsbu-tme.com	-	Add	
	Exe	cute Tests		
	At	ort Tests		
Test Description		Component	Status	Result
etch default context from LDAA		LDAP Servers	Ready	(View)
erify connection to LDAP serve		LDAP Servers	Ready	Mew
Fetch and check LDAP version o	ompatibility	LDAP Servers	Ready	(View)
verify user containers		LDAP Servers	Ready	(Mew)
Extract all object classes	2	LDAP Servers	Ready	Mew
Extract attributes of object class		LDAP Servers	Ready	Mew
Yerify connection to Calendar Se	erver	Calendar Server	Ready	Mew

Figure 7-18 The Calendar Server (Microsoft Exchange) Host Configuration Form

 Table 7-6
 The Calendar Server (Microsoft Exchange) Host Configuration Fields

Field Name	Field Value
Host	The hostname or IP address of the Exchange server.
Bind Mode	If you set this to secure you'll need to provide a security certificate.
Port	In Normal bind mode the port setting is 80. In Secure bind mode the port setting default is 443.
SMTP LHS	Enter the CTS-Manager account or test account for full access or read access to rooms (endpoints).
Password	Enter the password for the CTS-Manager test account or Exchange administrative account, using English characters only.

Field Name	Field Value
Certificate	The full pathname to the Exchange security certificate. This is needed only if you are using the Secure Bind Mode.
Logon Name	Enter the logon name for the full access or read access privileges to rooms (endpoints). Enter the logon name in the same form as the SMTP LHS.
Domain	Enter the domain for the logon name.
Room Email IDs	Enter the full email address for each CTS endpoint, up to 5.

Table 7-6 The Calendar Server (Microsoft Exchange) Host Configuration Fields (continued)

Test(s) Enabled by this Test Configuration Form

- Verify connection to Calendar Server
- Retrieve mailbox quota information
- Retrieving display name for room(s) (endpoints)
- Subscribe MS Exchange events for room (endpoint)

Test Configuration Forms in an IBM Domino Environment

You can use the PreQualification Assistant to test your LDAP server when specifying a IBM Domino calendar server. This applies when the user selects Calender Server, "Microsoft Exchange."

This window lists all the LDAP servers that have been configured for the CTS-Manager. If all of the servers have been configured, use the Execute Tests button to make sure that they have been configured correctly.



🚾 CTS-Man PreQualification Assist	tant [Profile: Default]		
File System Help			
LDAP Servers (Domino Directory) Calend	ar Server (IBM Domino) Unified CMs V	/ebEx Server	
Caland			_
Hostname	Username	Default Ct:	<
			_
			Add
			Edit
			Delete
			Delece
			_
Total Management			
<			>
	Execute Tests		
_	About Toolo		
	Abort Tests		
Test Description	Comp		Result
Fetch and check LDAP version compatibility Verify user containers	ty LDAP S LDAP S		View
Extract all object classes	LDAP S		View
Extract attributes of object class 'Person'			View
Verify connection to Calendar Server	Calendar		(View)
Retrieve mailbox quota information	Calendar		(View)
Retrieve room to database mapping test Retrieving display name for room(s)	Calendar Calendar		View
Retrieve display name for scheduler	LDAP S		[View]
Authenticate scheduler user	LDAP S		[View]
Detrivue envelop of color des descents	Colonda	Course Mat Dands	[Ulaur]

This window lists all the LDAP (Domino Directory) servers that have been configured for the CTS-Manager. If all of the LDAP servers have been configured, use the Execute Tests button to make sure that they have been configured correctly.

If it is necessary to change the configuration of one, highlight the line, and click the **Edit** button to change the configuration.

To remove one, highlight it and then click the **Delete** button.

When adding a LDAP server, click the Add button and the following configuration window appears.

LDAP (Domino Directory) Host Configuration Form

L	DAP Server			×
	-Host Configuration			
	Host:			
	Bind Mode:	O Normal ○ Secure		
	Port:	389		
	Username:			
	Password:			
	Certificate:		Browse	
	Default Context:		Default Server:	
	O Default 💿 NonDefault			
	Scheduler Authentication			ň
	User Containers:		Add	
	User Concamers:		Delete	
	Scheduler Username:			
	Scheduler Password:			
	Login Attribute (EmailID):	mail		
				2
			Save Cano	:el

Figure 7-20 The LDAP Server (Domino Directory) Add/Edit Configuration Form

 Table 7-7
 The LDAP Server (Domino Directory) Test Configuration Form Fields

Field Name	Field Value
Host	The hostname or IP address of the LDAP server.
Bind Mode	If you set this to secure you'll need to provide a security certificate.
Port	In Normal bind mode the port setting is 389. In Secure bind mode the port setting default is 636.
Username	Enter the Active Directory user account username (not the logon name) in the form <i>cn=ctm account</i>
	Note You must also include the default context in the Username field. For example, <i>cn=ctm account,o=ciscoDev.</i>
Password	Password for LDAP server with read privileges.

Field Name	Field Value
Certificate	The full pathname to the LDAP security certificate. This is needed only if you are using the Secure Bind Mode.
Default Context	Enter the default context in the form o=ciscoDev
Scheduler Authentication	
User Containers	The containers from which queries are performed to retrieve user objects. More than one user container or user object can be specified. The Cisco Telepresence server uses the values entered to search through the containers in sequence to retrieve user and meeting room (endpoint) information from the Directory Server. Additionally, these containers are used to retrieve user information for authentication. User containers are entered in the Entry field above the User Containers field. Use the Add button to add a user container to the list. To delete a user container from the list, select the specific user container and click Delete.
Scheduler Username	The scheduler username is the value of an end user ID (the logon name).
Scheduler Password	When the user selects "None" option, then this is not needed for generic LDAP environment, otherwise use the same as the Password for LDAP server with administrative privileges
Login Attribute (EmailID)	For this field use "mail".

Table 7-7 The LDAP Server (Domino Directory) Test Configuration Form Fields (continued)

Test(s) Enabled by the Execute Tests button

- Fetch and check LDAP version compatibility
- Verify user containers
- Extract all object classes
- Extract attributes of object class "Person"
- Retrieve display name for scheduler
- Authenticate scheduler user
- Verify connection to Unified CM servers

Calendar Server (IBM Domino) Configuration Form

You can use the PreQualification Assistant to test your LDAP Calendar server configurations when specifying a IBM Domino Calendar server. This applies when from the pull-down menu, the user selects **System > Select Calendar Server > IBM Domino**.

The Calendar Server (IBM Domino) window appears as shown in Figure 7-21

Figure 7-21 The Calendar Server (Domino Directory) Add/Delete Configuration Form

🖮 CTS-Man PreQualification	n Assistant [Profile: Defau	t]		
File System Help				
LDAP Servers (Domino Directory)	Calendar Server (IBM Domino)	Unified CMs WebEx Server		
],	CHING CIG HODEX SCITCI		
Host Configuration			1	
Host:				
Bind Mode:	⊙ Normal 🔘 Secure			
Port:	80]	
Organization Name:]	
Username:]	
Password:]	
Certificate:			Browse	
Resource DB:]	
Room Subscription				
Room Email IDs:			Add	
			Delete	
]	
			_	
	Exec	ute Tests	J	
	Abo	ort Tests		
Test Description		Component	Status	Result
Fetch and check LDAP version co	mpatibility	LDAP Servers	Not Ready	(View)
Verify user containers		LDAP Servers	Not Ready	View
Extract all object classes		LDAP Servers	Not Ready	View
Extract attributes of object class		LDAP Servers	Not Ready	View
Verify connection to Calendar Ser		Calendar Server	Not Ready	View
Retrieve mailbox quota information		Calendar Server	Not Ready	View
Retrieve room to database mapp		Calendar Server	Not Ready	View
Retrieving display name for room		Calendar Server	Not Ready	View
Retrieve display name for schedu	Jer	LDAP Servers	Not Ready	View
Authenticate scheduler user		LDAP Servers	Not Ready	View
Retrieve samples of calendar doo		Calendar Server	Not Ready	View
Verify connection to Unified CM s	ervers	Unified CMs	Not Ready	View.

This window lists the Calendar server that has been configured for the CTS-Manager. If the server and the room (endpoint) subscriptions have been configured, use the Execute Tests button to make sure that they have been configured correctly.

If it is necessary to add the room email ID, enter the room email ID and click the Add button.

To remove one, highlight it and then click the **Delete** button.

 Table 7-8
 The Calendar Server (IBM Domino) Host Configuration Form Fields

Field Name	Field Value
Host	The hostname or IP address of the Domino Calendar server.
Bind Mode	If you set this to secure you'll need to provide a security certificate.
Port	In Normal bind mode the port setting is 80. In Secure bind mode the port setting default is 443.
Organization Name	Enter the Domino Organization name.
Username	Enter the account name used to log on to the Domino server. The format is determined by the Email ID fields in the Person object classes and attributes.
Password	Enter the password for the username. The user must have a minimum of read permission on the resource database being used to test.
Certificate	The full pathname to the Domino security certificate. This is needed only if you are using the Secure Bind Mode.
Resource DB	Enter the name of the resource DB. For example, <i>Telepres.nsf.</i>
Room Subscription	
Room Email IDs	Enter the full email id for each CTS endpoint. The format for each Email id is: <i>Testendpoint/Site1</i>

Test(s) Enabled by the Execute Tests button

- Verify connection to Calendar Server
- Retrieve mailbox quota information
- Retrieve room (endpoint) to database mapping test
- Retrieving display name for room(s) (endpoints)
- Retrieve samples of calendar documents

Cisco Unified Communications Manager Server (IBM Domino) Configuration Window

This window lists all the Cisco Unified CM (Unified CM) servers that have been configured for the CTS-Manager. If all of the Unified CM servers have been configured, use the Execute Tests button to make sure that they have been configured correctly.

If it is necessary to change the configuration of one, highlight the line, and click the **Edit** button to change the configuration.

To remove one, highlight it and then click the **Delete** button.

When adding a Unified CM, click the Add button and the following Host Configuration window appears.

Figure 7-22 Unified Communications Manager Server (IBM Domino) Window

System Help						
AP Servers (Domino Directory)	Calendar Serv	er (IBM Domino)	Unified CMs	WebEx Server		
Hostname		Usernar	me			
						-
						_
						-
						Add.
						Edit.
						Delete
		Exe	cute Tests			
			cute Tests oort Tests			
est Description			ort Tests Cor	mponent	Status	Result
tch and check LDAP version co	ompatibility		ort Tests Cor LDAF	Servers	Not Ready	(View)
tch and check LDAP version co rify user containers	ompatibility		ort Tests Cor LDAF LDAF			
tch and check LDAP version co rify user containers tract all object classes tract attributes of object class	s 'Person'		Cor LDAP LDAP LDAP LDAF LDAF	Servers Servers Servers Servers Servers	Not Ready Not Ready Not Ready Not Ready	View View View
tch and check LDAP version co rify user containers tract all object classes tract attributes of object class rify connection to Calendar Se	s 'Person' erver		Cor LDAF LDAF LDAF LDAF LDAF Calen	Servers Servers Servers Servers Servers dar Server	Not Ready Not Ready Not Ready Not Ready Not Ready	View View View View
tch and check LDAP version co rify user containers tract all object classes tract attributes of object class rify connection to Calendar Se trieve mailbox quota informati	s 'Person' erver ion		Cor LDAF LDAF LDAF LDAF LDAF LDAF Calen Calen	Servers Servers Servers Servers dar Server dar Server	Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready	View View View View View
tch and check LDAP version co rify user containers tract all object classes tract attributes of object class rify connection to Calendar Se trieve mailbox quota informati trieve room to database mapp	s 'Person' erver ion ping test		Cor LDAF LDAF LDAF LDAF Calen Calen Calen	2 Servers 2 Servers 2 Servers 2 Servers dar Server dar Server dar Server	Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready	View View View View View View
tch and check LDAP version co rify user containers tract all object classes tract attributes of object class rify connection to Calendar Se trieve mailbox quota informati trieve room to database mapp trieving display name for room	s 'Person' erver ion ping test n(s)		Cor LDAS LDAS LDAS Calen Calen Calen Calen	2 Servers 2 Servers 2 Servers 2 Servers dar Server dar Server dar Server dar Server dar Server	Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready	View View View View View View View
tch and check LDAP version co rify user containers tract all object classes tract attributes of object class rify connection to Calendar Se trieve mailbox quota informati trieve room to database mapp trieving display name for room trieve display name for sched	s 'Person' erver ion ping test n(s)		Cor LDAS LDAS LDAS Calen Calen Calen Calen Calen Calen	2 Servers 2 Servers 2 Servers 2 Servers dar Server dar Server dar Server	Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready	View View View View View View
est Description tch and check LDAP version co rify user containers tract all object classes tract attributes of object class rify connection to Calendar Se trieve mailbox quota informati trieve room to database mapp trieving display name for sched thenticate scheduler user trieve samples of calendar do	s 'Person' erver jong test n(s) uler		Cor LDAS LDAS LDAS LDAS Calen Calen Calen Calen Calen LDAS	2 Servers 2 Servers 2 Servers 2 Servers dar Server dar Server dar Server dar Server 2 Servers	Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready Not Ready	View View View View View View View View

This window lists all the LDAP (Domino Directory) servers that have been configured for the CTS-Manager. If all of the LDAP servers have been configured, use the Execute Tests button to make sure that they have been configured correctly.

If it is necessary to change the configuration of one, highlight the line, and click the **Edit** button to change the configuration.

To remove one, highlight it and then click the Delete button.

When adding an LDAP server, click the Add button and the following configuration window appears.

LDAP (Domino Directory) Host Configuration Form

C	UCM Server		X
	Host Configuration		
	Host:	192.168.10.14]
	Bind Mode:	○ Normal () Secure	
	Port:	8443]
	Username:	ctsman]
	Password:	****]
	Certificate:	C:\Documents and Settings\jsmith\Desktop\VMCUCM14.cer	Browse
			Save Cancel

Figure 7-23 The Cisco Unified CM Add/Edit Configuration Form

Table 7-9 The Cisco Unified CM Add/Edit Configuration Form Fields

Field Name	Field Value	
Host	The hostname or IP address of Cisco Unified CM	
Bind Mode	This is always set to secure mode.	
Port	This is always set to port 8443.	
Username Login account with Cisco Unified CM Application Username. The admin userna not needed.		
Password	Password for Cisco Unified CM Admin accoun	
Certificate The full pathname to the Cisco Unifi security certificate.		
Save Use this button to save the configura		
Cancel	Cancel from this window if not adding a new Unified CM or editing the configuration.	

Test Configuration Forms in a Microsoft Exchange Web Services (EWS) Environment

You can use the PreQualification Tool to test your LDAP server when specifying a Microsoft Exchange EWS calendar server. This applies when the user selects Calendar Server, "Microsoft Exchange EWS."

This window lists all the LDAP servers that have been configured for the CTS-Manager. If all of the servers have been configured, use the Execute Tests button to make sure that they have been configured correctly.

Figure 7-24 LDAP Servers with Microsoft Exchange EWS Calendar Server window

🚾 CTS-Man PreQualification	Asista	int [Profile: Default]				
File System Help						
LDAP Servers (Active Directory)	Calenda	r Server (Microsoft Exchange EWS)	Unified CMs	WebEx Server		
Hostname		Username			Default Ctx	
						Add
						Edit Delete
						Deletern
<		Ш			>	
	_					
		Execute Tests				
		Abort Tests				
Test Description		Co	mponent	1	Status	Result
Fetch default context from LDAP Verify connection to LDAP server	server		P Servers P Servers		Not Ready Not Ready	View View

This window lists all the Microsoft LDAP servers that have been configured for the CTS-Manager. If all of the servers have been configured, use the Execute Tests button to make sure that they have been configured correctly.

If it is necessary to change the configuration of one, highlight the line, and click the **Edit** button to change the configuration and the Host Configuration window appears, refer to Figure 7-25.

To remove one, highlight it and then click the **Delete** button.

When adding another LDAP server, click the **Add** button and the following configuration window appears.

LDAP Server (Active Directory) Add/Edit Configuration Form

This is the same configuration form that appears when adding any Microsoft Exchange server.

Host Configuration Host:	192.168.10.20	
and Mode:	Normal O Secure	
Port:	389	
Jsername:	CTS Manager	
Password:	8844844884488	
Sertificate:		Browse
Default Context:	DC=tsbu-tme,DC=com	Fetch
Default Server:	Default ONonDefault	
Scheduler Authentication		
Jser Containers:	cn=users,dc=tsbu-tme,dc=com	Add Delete
Scheduler Username:	ctsman	
Scheduler Password:	83448344834488	
.ogin Attribute (EmailID):	proxyAddresses	

Figure 7-25 The LDAP Server (Active Directory) Add/Edit Configuration Form

Table 7-10 LDAP Server (Active Directory) Test Configuration Form Fields

Field Name	Field Value		
Host	The hostname or IP address of the LDAP server.		
Bind Mode	If you set this to secure you'll need to provide a security certificate.		
Port	In Normal bind mode the port setting is 389. In Secure bind mode the port setting default is 636.		
Username	Enter the Username as the user fully qualified domain name.		
	Note You also include the default context in the Username field. Examples are: cn=administrator, cn=users, dc=mycompany, dc=com.		

Field Name	Field Value
Password	Password for LDAP server with administrative privileges.
Certificate	The full pathname to the LDAP security certificate. This is needed only if you are using the Secure Bind Mode.
NonDefault or Default Context	The NonDefault button is selected as the default. To change this, select enter the default context in the form dc=mycompany, dc=com
Scheduler Authentication	
User Containers	The containers from which queries are performed to retrieve user objects. More than one user container or user object can be specified. The Cisco Telepresence server uses the values entered to search through the containers in sequence to retrieve user and meeting room (endpoint) information from the Directory Server. Additionally, these containers are used to retrieve user information for authentication.
	User containers are entered in the Entry field above the User Containers field. Use the Add button to add a user container to the list. To delete a user container from the list, select the specific user container and click Delete.
Scheduler Username	The scheduler username is the value of an end user ID.
Scheduler Password	The password associated with the scheduler username.
Login Attribute (EmailID)	Use the "proxyAddresses" EmailID attribute.

Table 7-10 LDAP Server (Active Directory) Test Configuration Form Fields (continued)

Test(s) Enabled by the Execute Tests Button

- Fetch default context from LDAP server
- Verify connection to LDAP server
- Fetch and check LDAP version compatibility
- Verify user containers
- Extract all object classes
- Extract attributes of object class "Person"
- Verify connection to Calendar Server
- Retrieve mailbox quota information
- Retrieving display name for room(s) (endpoints)
- Subscribe MSEWS events for room (endpoint)

- Retrieve display name for scheduler
- Authenticate scheduler user

LDAP Server Microsoft Exchange EWS Calendar Server Configuration Form

When you select the Calendar Server tab, Figure 7-26 appears. This window allows you to configure the calendar server for Microsoft Exchange EWS and add or delete room (endpoint) subscriptions.

Figure 7-26 LDAP Calendar Server Microsoft Exchange EWS Configuration Window

File System Help					
LDAP Servers (Active Directory)	Calendar Server (Microsoft I	Exchange EWS)	Unified CMs	WebEx Se	rver
-Host Configuration					
Host:					
Bind Mode:	⊙ Normal 🔵 Secure				
Port:	80				
Domain:					
Username:					
Password:					
Certificate:				Bro	owse
Room Subscription					dd lete
		Execute Tests			
		Abort Tests			
Test Description			Component		Status
Fetch default context from LDAP Verify connection to LDAP server			AP Servers AP Servers		Not Ready Not Ready
Fetch and check LDAP version co			AP Servers AP Servers		Not Ready

Table 7-11 Calendar Server (Microsoft Exchange) Host Configuration Form Fields

Field Name	Field Value	
Host	The hostname or IP address of the Exchange server.	
Bind Mode	If you set this to secure you'll need to provide a security certificate.	

Field Name	Field Value		
Port	In Normal bind mode the port setting is 80. In Secure bind mode the port setting default is 443.		
Domain	Enter the domain for the logon name.		
Username	Enter the username for the Exchange EWS server.		
	NoteIf you are using Windows authentication, the format is: domain/username. If you are using basic authentication, the format is: username@ldapdomainname.comImage: CautionIf the CTS-Manager user logon name is different from the LHS of the email ID and there is no		
	matching email ID for the user, Microsoft Exchange EWS will fail the mailbox quota test. To avoid this, add a secondary email ID that uses the CTS-Manager logon name as the LHS of the email ID appended with the SMTP domain.		
Password	Enter the password for the CTS-Manager test account or Exchange administrative account, using English characters only.		
Certificate	The full pathname to the Exchange security certificate. This is needed only if you are using the Secure Bind Mode.		
Room Subscription			
Room Email IDs	Enter the full email address for each CTS endpoint, up to 5.		

 Table 7-11
 Calendar Server (Microsoft Exchange) Host Configuration Form Fields (continued)

WebEx Server

On this tab you configure a connection to the WebEx scheduling server, necessary for enabling the WebEx feature in CTS-Manager. The purpose of this is to test connectivity to the WebEx site. This information is not imported into CTS-Manager during first-time setup.

Figure 7-27 WebEx Server Window

CTS-Man PreQualification Assistant [Profile: Default]				
File System Help				
			_	
LDAP Servers (Active Directory)	Calendar Server (Microso	oft Exchange) Unified CMs WebEx Serve	er	
- Host Configuration				
Host:	qambcp.webex.com			
Bind Mode:	Othernal Oceanies	· · · · · · · · · · · · · · · · · · ·		
Bina Mode:	○ Normal ④ Secure			
Site URL:	http://qambcp.webex.c	:om/gambcp		
Admin Username:	admin			
Admin Access Code:	*****			
Certificate:	[Browse	
Certuicate:			browse	
		Execute Tests		
		11-11-7-11-		
		Abort Tests		
Test Description		Component	Status	Result
Fetch default context from LDAP		LDAP Servers	Not Ready	(View)
Verify connection to LDAP server		LDAP Servers	Not Ready	(View)
Fetch and check LDAP version co	ompatibility	LDAP Servers	Not Ready	(View)
Verify user containers		LDAP Servers	Not Ready	View
Extract all object classes		LDAP Servers	Not Ready	(View)
Extract attributes of object class		LDAP Servers	Not Ready	(View)
Verify connection to Calendar Server		Calendar Server	Not Ready	(View)
Retrieve mailbox quota information		Calendar Server	Not Ready	(View)
Retrieving display name for room(s)		Calendar Server	Not Ready	View
Subscribe MS Exchange events for room		Calendar Server	Not Ready	(View)
Authenticate scheduler user		LDAP Servers	Not Ready	(View)
Retrieve display name for sched		LDAP Servers	Not Ready	(View)
Verify connection to Unified CM servers		Unified CMs	Not Ready	(View)
Verify connection to WebEx server		WebEx Server	Ready	View
Verify SSO authentication from WebEx server		WebEx Server	Ready	View

Field	Description or Settings		
Host	The configured hostname of the WebEx scheduling server.		
Site URL The address used to construct the URL that's used to meeting. This is the actual URL that CTS-Manager communicate with WebEx. This is published in the of CTS-Manager, and is displayed to users on the Web the CTS phone UI.			
Admin Username	WebEx administrator's username (provided by the WebEx team)		
Admin Access Code	WebEx administrator's access code (provided by the WebEx team)		
Certificate	Certificate from the hostname (WebEx scheduling server)		
	Note To get the certificate, open a web browser window and go to the hostname URL and download the certificate to your computer, then click Browse to select it and upload it to CTS-Manager. For detailed instructions on downloading the certificate with different browsers, see First-Time Scheduling of TelePresence Meetings with WebEx, page 12-14.		

Table 7-12	WebEx Server Host Configuration Form Fields
	Trebex berter nest bonngulation renas