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## Prerequisites for Installing the Cisco Unified MeetingPlace LCS Gateway

- Verify that your system meets the System Requirements.
- Your Microsoft Live Communications Server environment must be deployed and tested with the Office Communicator client prior to installing the Cisco Unified MeetingPlace LCS Gateway. Refer to the Microsoft documentation for instructions on installing LCS.
- In order to use the TLS protocol for communication between the LCS server and the Cisco Unified MeetingPlace LCS Gateway (strongly recommended), you must identify the servers by hostname rather than by IP address. If you choose to identify a server by hostname, ensure that DNS is enabled to resolve the hostname.
- Cisco Unified MeetingPlace Web Conferencing must be installed on your Cisco MCS server.
- You must download and install Microsoft .NET 2.0 on your Cisco MCS server.
- You must have Administrator permissions in order to install Cisco Unified MeetingPlace for Office Communicator.

**Note:** Although not required, we strongly recommend that your deployment include a Cisco Unified MeetingPlace Directory Services server configured to synchronize user profiles from Active Directory.

## Installation Tasks

To install Cisco Unified MeetingPlace for Office Communicator, do the following two tasks:

1. Enable the LCS Integration Option Key. See the Enabling the LCS Integration Option Key.
2. Install the Cisco Unified MeetingPlace LCS Gateway on a Cisco Unified MeetingPlace Web Conferencing server. See the Installing the Cisco Unified MeetingPlace LCS Gateway.

## Enabling the LCS Integration Option Key

An option key is an alphanumeric string similar to a serial number that needs to be entered in the Cisco Unified MeetingPlace database to activate a system option. You use the MeetingTime client to enter option keys. (For more information, see [About Loading License Keys](#).)

### To Enable the LCS Integration Option Key

1. On your license for Cisco Unified MeetingPlace Audio Server, locate the LCS Integration option key.
2. Start MeetingTime and log in to the Cisco Unified MeetingPlace Audio Server.
3. Click **Administration > Configure**.
4. Click **System Options**, then click **Query**.
5. Use the right arrow button to locate the LCS Integration option.
6. Click **Option Key**, then enter the option key number that you made note of in [Step 1](#) and click **OK**.
7. Click **Save Changes** and restart the Cisco Unified MeetingPlace Audio Server for the option key to take effect.

## Installing the Cisco Unified MeetingPlace LCS Gateway

### Restrictions

Passwords in the Cisco Unified MeetingPlace for Office Communicator installer are case sensitive.

### To Install the Cisco Unified MeetingPlace LCS Gateway

1. Stop the Cisco Unified MeetingPlace Web Conferencing service and the Cisco Security Agent for Cisco Unified MeetingPlace service, if applicable:
  1. From the Windows Start menu, choose **Settings > Control Panel > Administrative Tools > Services**.
  2. Right-click **Cisco Unified MeetingPlace Web Conferencing** and choose **Stop**.
  3. If applicable, right-click **Cisco Security Agent** and choose **Stop**.
2. Insert the Cisco Unified MeetingPlace for Office Communicator CD in to your CD or DVD-ROM drive and double-click the .exe file to begin installation.
3. On the Welcome screen, click **Next**.
4. Enter the directory in which to install the Cisco Unified MeetingPlace LCS Gateway and click **Next**.
5. On the Start Copying Files screen, click **Next**.
6. If the installation program displays a message stating that it does not detect the Microsoft Visual C++ 2005 Redistributable, you need to install it:
  1. Click **Yes**.  
The installation program displays an end user license agreement window.
  2. Click **Yes** to accept the terms of the license agreement.  
The system installs the Microsoft Visual C++ 2005 Redistributable. When the installation is complete, the installation program displays a completion message.
7. When prompted, click **OK** to start the installation of files.
8. From the last installer window, click **Finish**.
9. Restart the Cisco Unified MeetingPlace Web Conferencing service:

1. From the Windows Start menu, choose **Settings > Control Panel > Administrative Tools > Services**.
2. Right-click **Cisco Unified MeetingPlace Web Conferencing** and choose **Start**.
10. Right-click **Cisco Unified MeetingPlace LCS Gateway** and choose **Start**.
11. If applicable, right-click the **Cisco Security Agent** and choose **Start**.  
**Note:** You may wish to wait to restart the Cisco Security Agent service after configuring and testing the LCS Gateway installation.
12. Close the Services control panel.

## Postinstallation Tasks

Do the following tasks in the order listed after installing Cisco Unified MeetingPlace for Office Communicator. The links take you to procedures in the [Configuring Cisco Unified MeetingPlace for Office Communicator](#) chapter.

1. Configure Cisco Unified MeetingPlace LCS Gateway parameters in the MeetingPlace Gateway Configurations utility. See the [Configuring Cisco Unified MeetingPlace LCS Gateway Parameters](#).
2. Configure Single Sign-On parameters in the MeetingPlace Gateway Configurations utility. See the [Configuring Cisco Unified MeetingPlace Web Conferencing Single Sign-On Parameters](#).
3. Configure authentication on the Web Conferencing server. See the [Configuring Cisco Unified MeetingPlace Web Conferencing to Trust Web Server Authentication](#).
4. Configure the LCS server to route conference requests to the Cisco Unified MeetingPlace LCS Gateway. See the [Configuring LCS to Route Conference Requests to the Cisco Unified MeetingPlace LCS Gateway](#).
5. Configure the LCS server to authorize requests from the Cisco Unified MeetingPlace LCS Gateway. See the [Configuring LCS to Authorize Requests from the Cisco Unified MeetingPlace LCS Gateway](#).
6. Configure end users. See the [Configuring Cisco Unified MeetingPlace for Office Communicator End Users](#).
7. (Optional) Configure Transport Layer Security (TLS). Although configuring TLS is optional, we highly recommend that you do so. See the [Configuring Transport Layer Security \(Optional\)](#).