

[Cisco Unified MeetingPlace Release 6.1](#) > [Web Conferencing](#) > [Installing and Upgrading](#) > [Installing Web Conferencing](#)

We recommend that you complete the following optional tasks as applicable after installing the web conferencing software:

- [Defining the Web Conferencing Server Hostname Information](#)
- [Testing the Web Conferencing Installation](#)
- [Installing the Cisco Security Agent for Cisco Unified MeetingPlace Web Conferencing](#)
- [Creating and Using a Least-Privileged SQL Account for Web Conferencing](#)
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## Defining the Web Conferencing Server Hostname Information

If you want users to be able to access the Web Conferencing server by using the fully qualified domain name (FQDN) of the server, or if you plan to configure SSL for this server, do the following procedure.

**Note:** If the web server is not in a Domain Name Server (DNS), do not perform these procedures.

### To Access the Web Conferencing Home Page

Open your web browser, and enter the URL of your web server.

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- For all releases, for internal web servers, the default URL structure is `http:// <server>`, where `<server>` is the name of your internal web server.
- For Cisco Unified MeetingPlace Release 6.1 Maintenance Release 3 and earlier: For external web servers, the default URL structure is `http:// <server>/mpweb/admin/`, where `<server>` is the name of your external web server.
- For Cisco Unified MeetingPlace Release 6.1 Maintenance Release 4 and later: You can only access the administration pages for the external (DMZ) server from the server box itself and only through port 8002. If you try to access the administration pages on the external (DMZ) server by using `http:// <server>/mpweb/admin/`, the system will display a 404 "Page Not Found" error.

To access the administration pages for the external (DMZ) server, you must be on the web server box and enter the following URL:

<http://localhost:8002/mpweb/admin/>

**NOTE:** If SSL is enabled on your system, you must still enter the URL with `http` and not `https`.

The system automatically logs you in as the user called "technician" with technician privileges.

### To Define the Cisco Unified MeetingPlace Web Conferencing Server Hostname Information

1. When the Web Conferencing home page appears, sign in by using your System Manager-level user ID and password, then click **Sign In Now** .  
If you are on an internal web server, the Welcome page appears with your name displayed at the top. To access the administrative page, click **Admin** .  
If you are on an external web server, the administrative page appears.
2. From the Admin page, click **Web Server** .
3. From the View section of the page, click the name of the web server that you want to configure.  
Information about this web server populates the Edit section of the page.
4. For Hostname [Home Page], enter the fully qualified domain name (FQDN) of the primary network interface on the web server, for example, **hostname.domain.com**. Note the following considerations:
  - ◆ To use SSL, you must enter the FQDN.
  - ◆ This hostname must be resolvable by its intended users. (For details, see the [Testing the Web Server Home Page Connection](#) section.)
5. For Hostname [Web Conferencing], enter the FQDN of the secondary network interface on the web server, for example, **hostnamewc.domain.com** . Note the following considerations:
  - ◆ To use SSL, you must enter the FQDN.
  - ◆ This hostname must be resolvable by its intended users. (For details, see the [Testing the Meeting Console Connection](#) section.)
6. Click **Submit** .

## Testing the Web Conferencing Installation

After you install Cisco Unified MeetingPlace Web Conferencing, test the installation by completing the following tasks:

1. [Testing the Web Server Home Page Connection](#)
2. [Testing the Meeting Console Connection](#)

## Testing the Web Server Home Page Connection

Confirm that the web server can resolve itself using the hostname configured on the Web Server administrative page. This is the hostname that you configured in [Step 5](#) of the preceding section, [Defining the Web Conferencing Server Hostname Information](#), and is also the hostname that end users use to connect to this web server.

### To Test the Web Server Home Page Connection

1. From the web server, use a web browser to connect to **http://hostname.domain.com** , the Fully Qualified Domain Name, or FQDN, of the web server.  
or  
If the web server is not in a Domain Name Server (DNS), use a web browser to connect to an IP address from the web server.
2. If the Cisco Unified MeetingPlace Web Conferencing home page appears, the connection is successful.  
If an error message appears, see [Web Conferencing Server Connection Problems](#).

## Testing the Meeting Console Connection

### To Test the Meeting Console Connection

1. From an end-user system, open a web browser and enter the Cisco Unified MeetingPlace Web Conferencing URL in the address field and click **Enter** .
2. Sign in by using your System Manager-level user ID and password.
3. From the Welcome page, click **Schedule Meeting** .
4. From the New Meeting scheduling page, fill in your meeting details, then click **Schedule** .
5. Return to the Welcome page and enter the meeting ID of the meeting you just scheduled, then click **Attend Meeting** .
6. Confirm that the meeting console loads properly.

## Installing the Cisco Security Agent for Cisco Unified MeetingPlace Web Conferencing

For instructions on installing the Cisco Security Agent, refer to the applicable *Release Notes for Cisco Security Agent for Cisco Unified MeetingPlace* at [http://www.cisco.com/en/US/products/sw/ps5664/ps5669/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/ps5664/ps5669/prod_release_notes_list.html).

## Creating and Using a Least-Privileged SQL Account for Web Conferencing

By default, the Cisco Unified MeetingPlace Web Conferencing installer suggests using the SQL built-in sa administrator account as the SQL Server user name. Often, a strong password for the sa account is sufficiently secure to protect your system from unauthorized access. However, if you do not want to continue to use a SQL account that has full administration rights after the installation is complete, you can create a SQL account with minimal privileges that is dedicated to Web Conferencing use, and configure the Web Conferencing server to use this account.

To create and use a least-privileged SQL account, do the following tasks in the order presented:

1. Creating a Least-Privileged SQL Account for Web Conferencing
2. Updating SQL Account Access from the MeetingPlace Gateway Configurations Utility

## Creating a Least-Privileged SQL Account for Web Conferencing

**Caution!** If you choose to create a SQL account that is dedicated to Web Conferencing use, ensure that it meets all the specified database role requirements in this procedure. Failure to do so can cause a database connection failure between Web Conferencing and the SQL Server and result in a total outage or broken features.

**Note:** If Cisco TAC determines that your SQL account does not meet requirements, you will be asked to reconfigure your SQL account and to delete any existing Cisco Unified MeetingPlace Web Conferencing database so that a new database can be created once the account problem is remedied.

### To Create a Least-Privileged SQL Account for Web Conferencing

1. Open the SQL Server Enterprise Manager and create a new login:
  1. On the Start menu, click **Programs > SQL Server 2000 > Enterprise Manager** .
  2. Click a server group to expand it, then click the name of a server.
  3. Click **Security** to expand it.
  4. Click **New Login** . The SQL Server Login Properties window opens.
2. On the General tab, enter a name for the login.
3. Click **SQL Server Authentication** , then enter a password for the account.
4. In the Database drop-down menu, click **MPWEB** to set the MPWEB database as the default database.
5. Click the **Database Access** tab.
6. Specify the database roles for the MPWEB database:
  1. In the Databases table, click the check box for the MPWEB database.
  2. In the Database Roles table, click the check boxes for the following roles:
    - ◇ **db\_datareader**
    - ◇ **db\_datawriter**
    - ◇ **db\_ddladmin**
7. Repeat Step 6 for each additional MPWEB slave database. The slave databases have names that begin with "MPWEB\_". Depending on your deployment, your SQL Server will have either one or two slave databases.
8. Click **OK** to complete the account configuration.

## Updating SQL Account Access from the MeetingPlace Gateway Configurations Utility

The MeetingPlace Gateway Configurations utility allows you to update the web server with the least-privileged SQL login account that you created in To Create a Least-Privileged SQL Account for Web Conferencing. It does not create a SQL Server login for you.

## To Update SQL Account Access from the MeetingPlace Gateway Configurations Utility

1. Stop 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 **Stop** .
  3. (Optional) To stop other Cisco Unified MeetingPlace gateway services, including Gateway SIM, right-click the service and choose **Stop** .
  4. If the IIS Admin Service is still running, right-click the service and choose **Stop** .
  5. Close the Services control panel.
2. Open the MeetingPlace Gateway Configurations utility:
  1. From your system tray, right-click the Cisco Unified MeetingPlace icon.
  2. Choose **Properties** .
3. Click the **Web Conferencing** tab.
4. For Server, enter the hostname or IP address of the SQL Server you want to update. For a local server, enter **local** .
5. For Username and Password, enter the login account username and password you applied to the SQL Server in [To Create a Least-Privileged SQL Account for Web Conferencing](#).
6. Click **OK** .
7. 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** .
  3. If you stopped any other gateway services, restart them by right-clicking the applicable service and choosing **Start** .
  4. Close the Services control panel.

## Configuring SSL

For instructions on configuring SSL, see [Configuring External Access to Web Conferencing](#)

## Installing Additional Fonts

In order for Web Conferencing to work with other languages, you must install all of your corporate fonts, including Microsoft PowerPoint fonts, on to the web server.

If you do not do this, PowerPoint presentations that are uploaded or attached to your meeting will not be converted correctly if they use unavailable fonts.

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