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Configuring the Cisco Unified MeetingPlace LCS Gateway Parameters

You use the Cisco Unified MeetingPlace Gateway Configuration utility to configure settings on the Cisco Unified MeetingPlace LCS Gateway. The settings determine:

- How the Cisco Unified MeetingPlace LCS Gateway communicates with the Microsoft LCS Server.

- How users are authenticated when joining a Cisco Unified MeetingPlace meeting.

- The level of information to log.

Before You Begin

Log in as an administrator to the Cisco Unified MeetingPlace Web Server where you installed the Cisco Unified MeetingPlace LCS Gateway.

Procedure

1. Right-click the orange icon in the system tray.
2. Click **Properties**.
3. Click the **LCS Gateway** tab.

4. Enter the primary IP address of the server on which the Cisco Unified MeetingPlace LCS Gateway is installed.
5. Configure the transport protocol based on your Microsoft LCS Server configuration:
    ♦ Select **TLS** if your Microsoft LCS Server is configured to use TLS. Enter the TLS port to use. Port 5061 is the default port. Enter the certificate issuer and the certificate serial number.
    ♦ Select **TCP** if your Microsoft LCS Server is configured to use TCP. Enter the TCP port to use. Port 5060 is the default port.
    ♦ **Notes:** We recommend that you configure TCP as the transport protocol the first time that you bring up MOC. After you verify that MOC clients can initiate and attend meetings, configure Transport Layer Security (TLS).
    ♦ If the Cisco Security Agent for Cisco Unified MeetingPlace is running on the Cisco Unified MeetingPlace LCS Gateway, it will only allow meeting request traffic to be exchanged on TCP ports 5060 through 5069. If you configure a port outside of this range while the Cisco Security Agent is enabled, MOC clients time out while attempting to initiate meetings.
6. Select a level for the Cisco Unified MeetingPlace event log:
    ♦ **Error**-Only error conditions are logged.
    ♦ **Warning**-Error conditions and warning of potential problems are logged.
    ♦ **Informational**-Errors, warnings, and internal state information are logged. This is the default level.
    ♦ **Verbose**-All of the above plus additional troubleshooting details are logged.
7. Click **Apply**.
8. Click **OK**.
9. (Optional) If you are performing these tasks after the initial configuration of the Cisco Unified MeetingPlace LCS Gateway, restart the Cisco Unified MeetingPlace LCS Gateway service if you changed settings other than the log level. If you are performing these tasks for the initial configuration, you do not need to start the Cisco Unified MeetingPlace LCS Gateway at this time.

Configuring Single Sign-On Parameters

After installing MOC, you must configure the Cisco Unified MeetingPlace single sign-on service to look up the profile name of the Cisco Unified MeetingPlace user.

Before You Begin

Log in as an administrator to the Cisco Unified MeetingPlace Web Server where you installed the Cisco Unified MeetingPlace LCS Gateway.

Procedure

1. Right-click the orange icon in the system tray.
2. Click **Properties**.
3. Click the **Single Sign-On** tab.
    Note: The Cisco Unified MeetingPlace Gateway Configurations utility displays the Single Sign-On tab only after you install the Cisco Unified MeetingPlace LCS Gateway.

4. Configure Active Directory (AD) authentication by configuring the following fields with information about your AD deployment:

AD Server	Enter the name of the primary AD server.
Account Name	Enter the AD account name used to log in to the LDAP server to look up the Cisco Unified MeetingPlace profile names of MOC users, for example, **CN=Administrator,CN=Users,DC=mycompany,DC=com**.
Password	Enter the password for the AD account.
Base DN	Enter the starting point for searching the AD hierarchy, for example, **OU=Users,DC=mycompany,DC=com**.
Retrieve	Use the default value, **sAMAccountName**. This ensures that the username required to match the Cisco Unified MeetingPlace user profile is retrieved as a result of a search on the msRTCSIP-PrimaryUser attribute that you specified when you configured the LCS Gateway.

5. Check **Subtree** if you want to support multiple layers of AD authentication.

6. Check **Verbose Logging** if you want troubleshooting information logged to the Cisco Unified MeetingPlace event log.

7. Click **Apply**.

8. Click **OK**.

Configuring Cisco Unified MeetingPlace to Trust Web Server Authentication

You configure Cisco Unified MeetingPlace on the Cisco Unified MeetingPlace LCS Gateway to trust Web Server authentication so that users who sign in to the MOC client do not need to sign in separately to initiate or join a Cisco Unified MeetingPlace meeting.

Before You Begin

- Perform the tasks in Configuring Single Sign-On Parameters.

- Log in to the Cisco Unified MeetingPlace Web Server as an administrator.

Procedure

1. Click **Admin**.
2. Click **Web Server**.

3. Click the underlined name of the server where the Cisco Unified MeetingPlace LCS Gateway is installed.
4. Choose **Yes** for Trust Web Server Authentication.
5. Click **Submit**.

Configuring the Microsoft LCS Server to Route Meeting Requests to the Cisco Unified MeetingPlace LCS Gateway

You must configure the Microsoft LCS Server to route meeting requests to the Cisco Unified MeetingPlace LCS Gateway. Meeting requests are sent as SIP messages.

Before You Begin

Log in to the Microsoft LCS Server as an administrator.

Procedure

1. Click **Start > Programs > Administrative Tools > Live Communications Server 2005**.
2. Click **Forest > Domains > Live Communication Server and Pools**.
3. Right-click the name of the Microsoft LCS Server.
4. Click **Properties**.
5. Click the **Routing** tab.
6. Click **Add**.
7. Enter ***** in the User field.
8. Enter the domain of the Cisco Unified MeetingPlace LCS Gateway.
9. Select **IP Address** in the Next Hop area.
10. Enter the primary IP address of the Cisco Unified MeetingPlace LCS Gateway.
    The IP address must match the value that you configured when you initially configured the Cisco Unified MeetingPlace LCS Gateway.
11. Choose **TCP** or **TLS** as the protocol to transport requests.
12. Enter the port to use for the requests.
    The protocol and port must match the values that you configured when you initially configured the Cisco Unified MeetingPlace LCS Gateway.
    Note: If the Cisco Security Agent for Cisco Unified MeetingPlace is running on the Cisco Unified MeetingPlace LCS Gateway, it will only allow meeting request traffic to be exchanged on TCP ports 5060 through 5069. Configuring a port outside of this range while the Cisco Security Agent is enabled will cause MOC clients to time out while attempting to initiate meetings.
13. Click **OK**.
14. Click **Apply**.
15. Click **OK**.

Configuring the Microsoft LCS Server to Authorize Requests and Responses from the Cisco Unified MeetingPlace LCS Gateway

You must configure the Microsoft LCS Server to authorize meeting status updates from the Cisco Unified MeetingPlace LCS Gateway.

Note: The Cisco Unified MeetingPlace Web Server on which the Cisco Unified MeetingPlace LCS Gateway is installed uses two IP addresses. If you do not configure the Microsoft LCS Server to authorize updates from both of these IP addresses, MOC clients might appear to hang while waiting for meeting status updates. On some systems, requests and responses might be sent from either the primary or secondary IP addresses.

Before You Begin

Log in to the Microsoft LCS Server as an administrator.

Procedure

1. Click **Start > Programs > Administrative Tools > Live Communications Server 2005**.
2. Click **Forest > Domains > Live Communication Server and Pools**.
3. Right-click the name of the Microsoft LCS Server.
4. Click **Properties**.
5. Click the **Host Authorization** tab.
6. Click **Add**.
7. Click **Network Address**.
8. Enter the primary hostname of the Cisco Unified MeetingPlace LCS Gateway.
9. Check **Throttle as Server** and **Treat as Authenticated**.
10. Click **OK**.
11. Repeat Step 6 through Step 10 for the secondary hostname on the Cisco Unified MeetingPlace LCS Gateway.
12. Click **Apply**.
13. Click **OK**.