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Note: This topic does *not* apply to deployments in which users schedule meetings from the Cisco WebEx site. For information about Cisco WebEx integration deployments, see the *Planning Guide for Cisco Unified MeetingPlace* at http://docwiki.cisco.com/wiki/Cisco_Unified_MeetingPlace%2C_Release_8.0_--_Planning_Your_Deployment.

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About the Gateway SIM

The Gateway System Integrity Manager (Gateway SIM) is a common component of Cisco Unified MeetingPlace products. Gateway SIM functions as the channel through which Cisco Unified MeetingPlace gateways communicate with the Cisco Unified MeetingPlace Application Server. It improves the reliability and serviceability of all Cisco Unified MeetingPlace applications by detecting gateway outages and logging these errors to the Alarm Table. It also allows you to add and delete gateway units (computers that have Cisco Unified MeetingPlace Web Server software or other Cisco Unified MeetingPlace applications installed) from the Application Server.

The Gateway SIM is comprised of two modules:

- Gateway SIM Agent-Resides in the MeetingPlace Gateways Configuration Utility on the Web Server. The Gateway SIM Agent sends scheduled updates to the Gateway SIM Manager.
- Gateway SIM Manager-Resides on the Cisco Unified MeetingPlace Application Server. If the Gateway SIM Manager does not receive updates when expected, it logs a major alarm to the Alarm Table.

The following table describes the fields in the Gateway SIM Agent.

Field or Window	Description
Version	The version number of the Gateway SIM.
Installation Key	The Ethernet address of this Windows computer. It is through this Ethernet address that this computer registers itself in to the database of the active Application Server.
Remote Management Enabled	Enables a Cisco support representative to issue remote management requests that can help diagnose problems and restart the Cisco Unified MeetingPlace Web Master Service.
Gateway Alarms Enabled	Enables the Gateway SIM to log alarms from this computer to the Alarm Table.
Lower left window	Indicates the FQDN of the Application Server to which this computer is connected.
Lower right window	Contains information about this computer including the following: <ul style="list-style-type: none"> • Whether the Gateway SIM on this computer is connected to the Application Server. • The unit number assigned to this computer by the active Application Server. • The IP address of this computer. • Whether link encryption is enabled. • Release of the server software that the active Application Server is running.

Related Topics

- [About the Cisco Unified MeetingPlace Web Master Service in the Stopping, Starting, or Restarting the Cisco Unified MeetingPlace Web Master Service module](#)
- [Connecting the Cisco Unified MeetingPlace Application Server to a Web Server module](#)

When to Change the Cisco Unified MeetingPlace Application Server Connection

Cisco Unified MeetingPlace gateway units (computers that have Cisco Unified MeetingPlace Web Server software or other Cisco Unified MeetingPlace applications installed) are configured to point to a particular Cisco Unified MeetingPlace Application Server.

Once a unit is attached to an Application Server, you should only detach it for the following reasons:

- You are replacing an old unit with a new unit.

In this case, detach the old unit from the Application Server to decommission it.

- You are replacing the Application Server with a brand new computer but the new Application Server uses the same database from the old server.
- You are replacing the Application Server with a brand new computer and the new Application Server uses a brand new database.
- You are testing the unit in a lab against a lab Application Server.

When the unit is ready to be put into production, detach it from the lab Application Server and re-attach it to a production Application Server.

Related Topics

- [Changing the Cisco Unified MeetingPlace Application Server Connection Configured in the Gateway SIM](#)

Opening the MeetingPlace Gateways Configuration Utility

Before You Begin

This procedure is completed on the Cisco Unified MeetingPlace Web Server.

Procedure

1. Go to your system tray.
2. Right-click the **Cisco Unified MeetingPlace** icon.
Tip: The Cisco Unified MeetingPlace icon resembles a red door.
3. Select **Properties**.

Related Topics

- [Configuring the Gateway SIM](#)
- [Updating SQL Account Access from the MeetingPlace Gateway Configurations Utility in the Configuring the SQL Server for the Cisco Unified MeetingPlace Web Server module](#)

Configuring the Gateway SIM

Before You Begin

This procedure is completed on the Cisco Unified MeetingPlace Web Server.

Procedure

1. Open the Gateway SIM Agent.
 1. Open the MeetingPlace Gateways Configuration utility.
 2. Select the **Gateway SIM** tab.
2. (Optional) Check **Remote Management Enabled** to enable remote management from a Cisco support representative.
3. (Optional) Check **Gateway Alarms Enabled** to log alarms from this computer to the Cisco Unified MeetingPlace Application Server.
4. (Optional) Double-click the name of the Application Server that you want to connect to.
 - ◆ Your active Application Server and the IP address of the gateway computer are prepopulated as "Server Name" and "Client IP Address."
 - ◆ If you want to indicate a standby Application Server, which would take over on the network if the active Application Server goes down, enter the name for "Shadow Server Name."
Note: If you have an Application Server failover deployment, make sure that the Web Server identifies the active Application Server by using the shared hostname and IP address of eth0.
5. Select **OK**.
6. Select **OK** from the Gateway SIM tab.

Related Topics

- [Opening the MeetingPlace Gateways Configuration Utility](#)
- [Configuring Application Server Failover for Cisco Unified MeetingPlace module](#)

What to Do Next

(Optional) Change the Application Server that is displayed in the Gateway SIM tab. See [Changing the Cisco Unified MeetingPlace Application Server Connection Configured in the Gateway SIM](#).

Changing the Cisco Unified MeetingPlace Application Server Connection Configured in the Gateway SIM

Complete this procedure to update the Application Server that the Cisco Unified MeetingPlace Web Server points to.

Note: If you have an Application Server failover deployment, make sure that the Web Server identifies the active Application Server by using the shared hostname and IP address of eth0.

Before You Begin

- In this procedure, we refer to the Web Server as a "unit."
- Stop the Cisco Unified MeetingPlace Web Master Service and Gateway SIM Service. If other Web Servers share the database with this server, stop the services on those servers as well.
- This procedure is completed on the Web Server.

Note: Do not restart services until you have completed this procedure.

Procedure

1. Open the Gateway SIM Agent.
 1. Open the MeetingPlace Gateways Configuration utility.
 2. Select the **Gateway SIM** tab.
2. Delete this unit from the active Application Server.
 1. Go to the lower-left pane of the Gateway SIM tab.
 2. Select the name of the Application Server that you want to disconnect from.
 3. Select **Delete**.
3. Change the Application Server hostname in the MPWEB database:
 1. Open Enterprise Manager and navigate to the \Databases folder.
 2. Select and expand the **MPWEB** database.
 3. Select **Tables** from the left pane.
 4. Right-click **System** in the right pane.
 5. Select **Open Table > Return All Rows** from the pop-up menu.
 6. Change the value in the HostName column from the hostname of the old Application Server to the hostname of the new Application Server.
4. Delete all Cisco Unified MeetingPlace web attachment subfolders.
 1. Go to your Windows Explorer.
 2. Navigate to the location of your attachment folder, for example, *drive:\Web_data\MPWeb\Meetings*.
 3. Delete all of the subfolders. Do not delete the Meetings folder.
5. Add this unit to a new Application Server.
 1. Open the Gateway SIM Agent.
 2. Select **Add**.
The MeetingPlace Server Entry window displays.
 3. Enter the new configuration information as follows:

Parameter	Action
Server Name	Enter the hostname of the new Cisco Unified MeetingPlace Application Server. Note: If you use an IP address instead of a hostname for the Application Server, you will have to update the IP address on the Web Server whenever you change the IP address on the Application Server.
Shadow Server	Leave this field as is.
Client IP Address	Enter the IP address of the computer on which the Gateway SIM is installed.

Transfer Destination	Leave this field as is.
Link Encryption Disabled	Leave this box unchecked to maintain encrypted communications between the Gateway SIM and the Application Server. Encryption uses a 56-bit DES algorithm with a secret key.

4. Select **OK**.
5. Select **OK** again.

6. Restart the Gateway SIM service and the Cisco Unified MeetingPlace Web Master Service.

If other Web Servers share the database with this server, restart the services on those servers as well.

7. Verify that this unit is attached to the new Application Server and that a unit number is assigned.

1. Open the Gateway SIM Agent.
2. Make sure that the newly entered Application Server is listed in the left window.

8. Update the Web Server with user and meeting information from the new Application Server.

1. Open a web browser and sign in to Cisco Unified MeetingPlace.
2. Select **Admin**.
3. Select **Replication Service**.
4. Select **Update All User Profiles**.
5. Select **Submit**.
6. Change the Replication Service Command to **Update All Meetings**.
7. Select **Submit**.

Related Topics

- [Stopping, Starting, or Restarting the Cisco Unified MeetingPlace Web Master Service](#) module
- [Opening the MeetingPlace Gateways Configuration Utility](#)
- [Configuring Application Server Failover for Cisco Unified MeetingPlace](#) module