

Main page: [Cisco Unified MeetingPlace, Release 7.0](#)

Up one level: [Configuration](#)

Contents

- [1 Enabling RSNA](#)
 - ◆ [1.1 Before You Begin](#)
 - ◆ [1.2 Procedure](#)
 - ◆ [1.3 Related Topics](#)
 - ◆ [1.4 What To Do Next](#)
- [2 Configuring the Remote Servers](#)
 - ◆ [2.1 Before You Begin](#)
 - ◆ [2.2 Procedure](#)
 - ◆ [2.3 Related Topics](#)
 - ◆ [2.4 What To Do Next](#)
- [3 How to Configure Call Control for RSNA in a Cisco Unified Communications Manager Environment](#)
 - ◆ [3.1 Configuring Cisco Unified Communications Manager: SIP Trunk to Remote RSNA System](#)
 - ◇ [3.1.1 Before You Begin](#)
 - ◇ [3.1.2 Procedure](#)
 - ◇ [3.1.3 Table: Fields for Adding a SIP Trunk in Cisco Unified Communications Manager 6.1 or a Later Release](#)
 - ◇ [3.1.4 What to Do Next](#)
 - ◆ [3.2 Configuring Cisco Unified Communications Manager: SIP Route Patterns to Remote RSNA Systems](#)
 - ◇ [3.2.1 Before You Begin](#)
 - ◇ [3.2.2 Restriction](#)
 - ◇ [3.2.3 Procedure](#)
 - ◇ [3.2.4 Table: Fields for Adding a SIP Route Pattern in Cisco Unified Communications Manager 6.1 or a Later Release](#)
 - ◇ [3.2.5 What to Do Next](#)
- [4 How to Configure User Profiles for RSNA](#)
 - ◆ [4.1 Configuring the Schedule Home Server Field in User Groups or User Profiles](#)
 - ◇ [4.1.1 Before You Begin](#)
 - ◇ [4.1.2 Procedure](#)
 - ◇ [4.1.3 Related Topics](#)
 - ◇ [4.1.4 What To Do Next](#)
 - ◆ [4.2 Enabling External User Authentication on the Non-Directory Service RSNA System](#)
 - ◇ [4.2.1 Before You Begin](#)
 - ◇ [4.2.2 Procedure](#)
 - ◇ [4.2.3 Related Topics](#)

Enabling RSNA

Complete this task on each Cisco Unified MeetingPlace system for which you want to enable RSNA.

Before You Begin

Read the following:

- [Prerequisites for RSNA](#)
- [Restrictions for RSNA](#)

Procedure

1. Log in to the Administration Center.
2. Click **System Configuration > Remote Server Configuration**.
3. Set the [Enable RSNA](#) field to Yes.
4. Click **Save**.

Related Topics

- [Table: Field Reference: Remote Server Configuration Page](#)

What To Do Next

Proceed to [Configuring the Remote Servers](#).

Configuring the Remote Servers

Complete this task on each RSNA system.

Before You Begin

Complete [Enabling RSNA](#).

Procedure

1. Log in to the Administration Center.
2. Click **System Configuration > Remote Server Configuration**.
3. Click **Add New**, or click an existing entry.
4. Configure the fields on the [Add Server Configuration Page](#).
5. Click **Save**.
6. Repeat [Step 3](#) through [Step 5](#) to add a server entry for each remote RSNA system.

Before You Begin

Related Topics

- [Table: Field Reference: Add Server Configuration Page and Edit Server Configuration Page](#)
- [Table: Field Reference: Remote Server Configuration Page](#)
- [RSNA Reserved Meeting Server](#)

What To Do Next

Proceed to [How to Configure Call Control for RSNA in a Cisco Unified Communications Manager Environment](#).

How to Configure Call Control for RSNA in a Cisco Unified Communications Manager Environment

Complete the following tasks, in the order shown, on each Cisco Unified Communications Manager node that is attached to a Cisco Unified MeetingPlace RSNA system.

- [Configuring Cisco Unified Communications Manager: SIP Trunk to Remote RSNA System](#)
- [Configuring Cisco Unified Communications Manager: SIP Route Patterns to Remote RSNA Systems](#)

Configuring Cisco Unified Communications Manager: SIP Trunk to Remote RSNA System

In this task, you connect the local Cisco Unified Communications Manager to each remote Cisco Unified MeetingPlace RSNA system.

Before You Begin

- Configure non-RSNA call-control for each Cisco Unified MeetingPlace system as described in [Configuring Call Control for Cisco Unified MeetingPlace](#).
- We recommend that you create a SIP trunk security profile in Cisco Unified Communications Manager specifically for Cisco Unified MeetingPlace.
See [Configuring a SIP Trunk Security Profile in Cisco Unified Communications Manager for Cisco Unified MeetingPlace](#).

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- You perform this task in the Cisco Unified Communications Manager Administration pages. Because the pages and menus vary by release, you should check the Cisco Unified Communications Manager Administration online help for step-by-step instructions that are specific to your release.

Procedure

1. Go to **http://<ccm-server>/**, where <ccm-server> is the fully-qualified domain name or IP address of the Cisco Unified Communications Manager server.
2. Log in with your Cisco Unified Communications Manager administrator username and password.
3. Click **Device > Trunk**.
4. Click **Add New**.
5. In the Trunk type field, select **SIP Trunk**.
6. Click **Next**.
7. Configure the fields described in [Table: Fields for Adding a SIP Trunk in Cisco Unified Communications Manager 6.1 or a Later Release](#).

Table: Fields for Adding a SIP Trunk in Cisco Unified Communications Manager 6.1 or a Later Release

Field	Action
Device Name	Enter a unique identifier for this trunk, such as the name or IP address of the <i>remote</i> Cisco Unified MeetingPlace Application Server.
Device Pool	The device pool must use a codec that is compatible with the conferencing gateway (or bridge).
AAR Group	For security and toll fraud prevention, use a device pool and an automatic alternate routing (AAR) group that will block any undesired phone numbers from being dialed out.
Media Termination Point Required	Uncheck this check box.
Destination Address	The DNS hostname or IP address of the <i>remote</i> Cisco Unified MeetingPlace server.
Destination Port	Keep the default value of 5060 .
SIP Trunk Security Profile	Select the SIP trunk security profile that you created specifically for Cisco Unified MeetingPlace. If you did not create a SIP trunk security profile, then select the default Non Secure SIP Trunk Profile .
DTMF Signaling Method	Select No Preference .

8. Configure all other required fields appropriately for your current deployment.

Tip: For field descriptions, click **Help > This Page**.

9. Click **Save**.
10. Repeat this task to add a SIP trunk to each remote Cisco Unified MeetingPlace RSNA system.

What to Do Next

Proceed to [Configuring Cisco Unified Communications Manager: SIP Route Patterns to Remote RSNA Systems](#).

Configuring Cisco Unified Communications Manager: SIP Route Patterns to Remote RSNA Systems

In this task, you enable the local Cisco Unified Communications Manager to route calls to each remote Cisco Unified MeetingPlace RSNA system.

Before You Begin

- Complete [Configuring Cisco Unified Communications Manager: SIP Trunk to Remote RSNA System](#).
- You perform this task in the Cisco Unified Communications Manager Administration pages. Because the pages and menus vary by release, you should check the Cisco Unified Communications Manager Administration online help for step-by-step instructions that are specific to your release.

Restriction

By associating a SIP route pattern to a SIP trunk, you can no longer put the SIP trunk in a route group. If, for some reason, you need to put the SIP trunk in a route group, create duplicate SIP trunks. Specifically, for each SIP trunk that is associated with a SIP route pattern, create an identical SIP trunk that is *not* associated with a SIP route pattern.

Procedure

1. Go to **http://<ccm-server>/**, where <ccm-server> is the fully-qualified domain name or IP address of the Cisco Unified Communications Manager server.
2. Log in with your Cisco Unified Communications Manager administrator username and password.
3. Click **Call Routing > SIP Route Pattern**.
4. Click **Add New**.
5. Configure the fields described in [Table: Fields for Adding a SIP Route Pattern in Cisco Unified Communications Manager 6.1 or a Later Release](#).

Table: Fields for Adding a SIP Route Pattern in Cisco Unified Communications Manager 6.1 or a Later Release

Field	Action
Pattern Usage	Select IP Address Routing .
Pattern	Enter the IP address of the remote Application Server. Note: This value must match the <u>SIP Agent Address 1</u> field that was configured on the local Cisco Unified MeetingPlace system to identify the remote system.
SIP Trunk	Select the SIP trunk that you configured in <u>Configuring Cisco Unified Communications Manager: SIP Trunk to Remote RSNA System</u> .

6. Configure all other required fields appropriately for your current deployment.

Tip: For field descriptions, click **Help > This Page**.

7. Click **Save**.

8. Click **OK** to any pop-up dialog box messages that you see.

9. Repeat this task to add a SIP route pattern to each remote Cisco Unified MeetingPlace RSNA system.

What to Do Next

Repeat the tasks in How to Configure Call Control for RSNA in a Cisco Unified Communications Manager Environment for each Cisco Unified Communications Manager node that is attached to a Cisco Unified MeetingPlace RSNA system.

Then proceed to How to Configure User Profiles for RSNA.

How to Configure User Profiles for RSNA

The following fields in each user profile must have the exact same values on both RSNA systems:

- User ID
- User password
- Profile number
- Profile password
- Schedule home server

This is typically accomplished by completing the following tasks:

Task Number	High-Level Task	Where to Find Instructions
1.	Configure the <u>Schedule home server</u> field through user groups.	<u>Configuring the Schedule Home Server Field in User Groups or User Profiles</u>

2.	Synchronize the user database between the two sites.	Configuring User Database Replication for Two Sites
3.	(Optional) Configure Directory Service on <i>one</i> RSNA system to synchronize Cisco Unified MeetingPlace user profiles with Cisco Unified Communications Manager and configure external AXL authentication.	Configuring Cisco Unified MeetingPlace Directory Service
4.	If you configured Directory Service on one RSNA system, configure external AXL authentication on the other (non-Directory Service) system.	Enabling External User Authentication on the Non-Directory Service RSNA System

Configuring the Schedule Home Server Field in User Groups or User Profiles

Complete this task on each RSNA system.

Before You Begin

Complete the tasks in [How to Configure Call Control for RSNA in a Cisco Unified Communications Manager Environment](#) for each Cisco Unified Communications Manager node that is attached to a Cisco Unified MeetingPlace RSNA system.

Procedure

1. Log in to the Administration Center.
2. Click **User Configuration**.
3. Click **User Groups** or **User Profiles**, depending on whether you want to configure a user group or an individual user profile.

Tip: Because Directory Service does not synchronize this particular configuration, we recommend that you configure user groups and allow the user profiles to inherit the group default values.
4. Click **Edit** or **Add New**, depending on whether you want to configure an existing or a new user group or user profile.
5. Configure the [Schedule home server](#) field to match the [Home Server number](#) remote server field.
6. Click **Save**.
7. Repeat this procedure for all user groups and (if necessary) user profiles.

Related Topics

- [Table: Field Reference: Add User Profile Page and Edit User Profile Page](#)

What To Do Next

Proceed to [Configuring User Database Replication for Two Sites](#).

Enabling External User Authentication on the Non-Directory Service RSNA System

By performing this task, you enable [Directory Service](#) users to log in to either RSNA system. Note that the same Cisco Unified Communications Manager server is used for authentication.

Before You Begin

Complete [Step 1](#) through [Step 3](#) in [How to Configure User Profiles for RSNA](#).

Procedure

1. On the non-Directory Service system, log in to the Cisco Unified MeetingPlace Administration Center.
2. Click **User Configuration > Directory Service > Directory Service Configuration**.
3. Configure the following fields, using the exact same values that you entered on the Directory Service-configured system:
 - ◆ [AXL username](#)
 - ◆ [AXL password](#)
 - ◆ [AXL confirm password](#)
 - ◆ [AXL URL](#)
4. Do not modify any of the other fields on the [Directory Service Configuration Page](#).
 - ◆ If you think you accidentally modified any of the other fields, then click **Cancel** and return to [Step 2](#).
 - ◆ If you think you accidentally modified *and saved* any of the other fields, then do the following:
 - ◇ Make sure that [Perform full sync with Cisco Unified Communications Manager](#) is **unchecked**.
 - ◇ Make sure that [Hostname for Active Directory Service](#) either matches the value configured on the Directory Service-configured system or is left **blank**.
5. Click **Save**.

Related Topics

- [Table: Field Reference: Directory Service Configuration Page](#)