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Configuring the SIP Trunk for Cisco Unified Presence

Before You Begin

The port number that you configure for the SIP Trunk differs depending on the version of Cisco Unified Presence that you are deploying:

- For Cisco Unified Presence version 6.x, configure the port number 5070 for the SIP Trunk.
- For Cisco Unified Presence version 7.x, configure the port number 5060 for the SIP Trunk.

Procedure

1. Select **Cisco Unified Communications Manager Administration > System > Security Profile > SIP Trunk Security Profile**.
2. Select **Find**.
3. Select **Non Secure SIP Trunk Profile**.
4. Verify that the setting for Device Security Mode is **Non Secure**.
5. Verify that the setting for Incoming Transport Type is **TCP+UDP**.

6. Verify that the setting for Outgoing Transport Type is **TCP**.

7. Check to enable these items:

- ◇ **Accept Presence Subscription**
- ◇ **Accept Out-of-Dialog REFER**
- ◇ **Accept Unsolicited Notification**
- ◇ **Accept Replaces Header**

8. Select **Save**.

Related Topics

- [Getting More Information](#)

What To Do Next

[Configuring the SIP Trunk Security Profile for Cisco Unified Presence](#)

Configuring the SIP Trunk Security Profile for Cisco Unified Presence

You only configure one SIP trunk between a Cisco Unified Communications Manager cluster and a Cisco Unified Presence cluster. After you configure the SIP trunk, you must assign that SIP trunk as the CUP PUBLISH trunk on Cisco Unified Communications Manager by selecting **Cisco Unified Communications Manager Administration > System > Service Parameters**.

If DNS SRV is an option in your network, and you want presence messaging to be shared equally among all the servers used for presence information exchange, you must configure the SIP trunk for the Cisco Unified Presence server with a DNS SRV record of the Cisco Unified Presence publisher and subscriber servers. You must also configure the Presence Gateway on the Cisco Unified Presence server with a DNS SRV record of the Cisco Unified Communications Manager subscriber nodes.

Before You Begin

- Configure the SIP Trunk security profile on Cisco Unified Communications Manager.
- Read the Presence Gateway configuration options topic.

Procedure

1. Select **Cisco Unified Communications Manager Administration > Device > Trunk**.
2. Select **Add New**.
3. Select **SIP Trunk** from the Trunk Type menu.
4. Select **SIP** from the Device Protocol menu.

5. Select **Next**.
6. Enter **CUPS-SIP-Trunk** for the Device Name.
7. Select a device pool from the Device Pool menu.
8. In the SIP Information section at the bottom of the window, configure the following values:
 - ◇ In the Destination Address field, enter the dotted IP address, or the FQDN (Fully Qualified Domain Name), or the DNS SRV record for the Cisco Unified Presence server.
Note: Check **Destination Address is an SRV** if you have configured a DNS SRV record for the Destination Address value.
 - ◇ For the Destination Port,
 - Use 5070 for Cisco Unified Presence version 6.x
 - Use 5060 for Cisco Unified Presence version 7.x
 - ◇ Select **Non Secure SIP Trunk Profile** from the SIP Trunk Security Profile menu.
 - ◇ Select **Standard SIP Profile** from the SIP Profile menu.

9. Select **Save**.

Troubleshooting Tips

- If you modify the DNS entry of the Publish SIP Trunk SRV record by changing the port number or IP address, you must restart all devices that previously published to this address and ensure each device points to the correct Cisco Unified Presence contact.

Related Topics

- [Presence Gateway Configuration Option](#)
- [Verifying That the Required Services are Running on Cisco Unified Communications Manager](#)
- [Getting More Information](#)

What To Do Next

[How to Configure Cisco IP PhoneMessenger on Cisco Unified Communications Manager](#)

or

[How to Configure Cisco Unified Personal Communicator on Cisco Unified Communications Manager](#)