

MeetingPlace IP Onsite Installation or Upgrade

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Introduction

This document outlines verification procedures to use before you go onsite, before you start onsite work, and after you have completed any Cisco MeetingPlace IP onsite work.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on Cisco MeetingPlace IP versions 4.2.7.15 and later.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

Items to Verify Before You Go Onsite

Check the Cisco MeetingPlace IP Installation Requirements

Complete these steps:

1. Ensure all prerequisites in the "How to Complete Prerequisites for Cisco MeetingPlace H.323/SIP IP" section of Installing Cisco MeetingPlace H.323/SIP IP Gateway Software are met.
2. A voice-enabled router is required if:
 - ◆ Public Switched Telephone Network (PSTN) calls are to be routed to IP.
 - ◆ IP calls are to be routed to PSTN.
3. Check for patches available on CCO that can correct some of the problem.

Gather Information

Complete these steps:

1. Complete the "Cisco MeetingPlace H.323/SIP IP Gateway Software Release 5.2.1 Installation Worksheet" on page A-1 of the Cisco MeetingPlace H.323/SIP IP Gateway Software Installation Worksheets document.
2. Complete the "Cisco MeetingPlace H.323/SIP IP Gateway Software Release 5.2.1 Dial Plan Worksheet" on page A-3 of the Cisco MeetingPlace H.323/SIP IP Gateway Software Installation Worksheets document.

Prepare

Complete these steps:

1. Prepare the translation table for the dial plan from the Gather Information section of this document.
2. Have a copy of the Administrator's Guide for Cisco MeetingPlace H.323/SIP IP Gateway Software Release 5.2.1.
3. Download the Cisco MeetingPlace IP software (registered customers only) and Release Notes, or order the Cisco MeetingPlace IP media kit (software CD and Release Note) through the Product Upgrade Tool (registered customers only).
4. Have the superuser password of the day.

Items to Verify Before You Start Onsite Work

Network Verification

Complete these steps:

1. Verify that there is connectivity between the IP phone of the user and the network on which the Cisco MeetingPlace server is located.
2. Verify that there is connectivity between the network on which the Cisco MeetingPlace IP Gateway is located and the network on which the Cisco MeetingPlace server is located.
3. Verify that there is connectivity between the Cisco CallManager and the network on which the Cisco MeetingPlace IP Gateway is located.

Items to Verify After Onsite Work

Cisco MeetingPlace Server Configuration

Complete these steps:

1. Install the Multi-Access Blade if it is not already installed.
2. Connect a network cable to each IP Blade card.
3. Issue the **blade** command to configure each IP Blade.
4. Create and update a translation table for the dial plan (if outdial is enabled). Contact Cisco Technical Support for assistance.

Cisco MeetingPlace IP Configuration

Complete these steps:

1. To install the Cisco MeetingPlace IP Gateway, follow the instructions that begin in Installing Cisco MeetingPlace H.323/SIP IP Gateway Software.
2. Follow the instructions in "Configuring Cisco CallManager" (pages 3-10 to 3-14) in Chapter 3 of the Administrator's Guide for Cisco MeetingPlace H.323/SIP IP Gateway Software Release 5.2.1 to configure Cisco CallManager.
3. Check the **Audio Packet Size** registry setting. It must be consistent across the Cisco MeetingPlace IP Gateway, the Cisco MeetingPlace server, and Cisco CallManager.

Verify Connectivity

Complete these steps:

1. Ping the IP phone of a user from the Cisco MeetingPlace server. Make a Telnet connection to the MeetingPlace server. At the prompt, issue the **ping** "*xxx.xxx.xxx.xxx*" command. (The IP address of the IP phone must be inside double quotes.) When you are finished, press **Ctrl-C**, issue the **exit** command, and disconnect.
2. Ping the Cisco MeetingPlace IP Gateway machine from the Cisco MeetingPlace server.
3. Ping the Cisco CallManager from the Cisco MeetingPlace IP Gateway machine.

Verify Functionality

Complete these steps:

1. Make a call from an IP phone to the Cisco MeetingPlace server IP number.
2. Use the voice user interface (VUI) to schedule and attend a meeting through an IP phone.
3. With at least two people in the meeting, verify that each can hear the other(s) to eliminate the possibility of one-way audio.
4. Ensure you can dial out from the MeetingPlace server.
5. Ensure you can call in from an external phone, and dial out to an external phone.
6. If you have a translation table implemented, make sure that it works as specified.

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Service Providers: Voice over IP
Voice & Video: Voice over IP
Voice & Video: IP Telephony
Voice & Video: IP Phone Services for End Users
Voice & Video: Unified Communications
Voice & Video: IP Phone Services for Developers
Voice & Video: General

Related Information

- **Voice Technology Support**
- **Voice and Unified Communications Product Support**
- **Recommended Reading: Troubleshooting Cisco IP Telephony**
- **Technical Support & Documentation – Cisco Systems**

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