



Release Notes for Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1

Revised: October 23, 2007

These release notes describe the new features and caveats for all versions of Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1.



Note

To view the release notes for previous versions of Cisco Unified MeetingPlace H.323/SIP IP Gateway, go to:

<http://www.cisco.com/univercd/cc/td/doc/product/conf/mtgplace/ipgw/index.htm>

You can access the latest software upgrades and release notes for all versions of Cisco Unified MeetingPlace H.323/SIP IP Gateway at the following URL:

<http://www.cisco.com/kobayashi/sw-center/sw-voice.shtml>

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Introduction

Supporting up to 960 IP connections, the Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 works with the Cisco Unified MeetingPlace Audio Server system to provide meeting access to callers. The Cisco Unified MeetingPlace Audio Server supports connections from up to 16 IP gateway servers; this multigateway support provides network load balancing and system redundancy.

System Requirements

- [Cisco Unified MeetingPlace H.323/SIP IP Gateway Requirements, page 2](#)
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Cisco Unified MeetingPlace H.323/SIP IP Gateway Requirements

The following are the requirements for the Cisco Unified MeetingPlace H.323/SIP IP Gateway:

- One primary IP address for communication with the Cisco Unified MeetingPlace Audio Server
- Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1

Hardware Requirements

Your system must have one of the following Cisco Media Convergence Server (MCS) 7800 series servers with the Cisco Systems version of the Microsoft Windows 2000 server operating system installed:

- Cisco MCS 7835
- Cisco MCS 7845
- Cisco MCS 7855
- Cisco MCS 7865

Cisco Unified MeetingPlace Audio Server Requirements

The following are the Cisco Unified MeetingPlace Audio Server requirements for the Cisco Unified MeetingPlace H.323/SIP IP Gateway:

- Cisco Unified MeetingPlace 8100 series server with Cisco Unified MeetingPlace Audio Server Release 5.2 or a later release installed.
- You must configure the Multi Access Blade for IP.
- There must be one primary IP address for communication with the Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 server and other gateways and clients.

- You must assign one additional IP address for every 240 IP user licenses.

Cisco Unified CallManager Requirements



Note

The names for Cisco Unified CallManager Release 4.3, Release 5.1, and Release 6.0 have been changed to Cisco Unified Communications Manager Release 4.3, Release 5.1, and Release 6.0.

The names of Cisco Unified CallManager Release 4.0, Release 4.1, Release 4.2, and Release 5.0 have *not* changed and remain the same.

Cisco Unified CallManager Release 3.22 or a later release must be installed and configured to work with your network.

Endpoint Requirements

The following are the endpoint requirements for the Cisco Unified MeetingPlace H.323/SIP IP Gateway:

- Cisco Unified IP Phone that is configured to work with one of the following applications:
 - Cisco Unified CallManager Release 3.22 or a later release
 - Cisco SIP Proxy Server Release 1.0 or a later release
- H.323 endpoints
- PSTN phone that is connected to a configured voice gateway

Network Requirements

For the Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 server to communicate with the Cisco Unified MeetingPlace Audio Server, ensure that your network meets the following requirements:

- The Cisco Unified MeetingPlace Audio Server and the Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 server must be located on the same subnet.
- The Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 server must be inside the corporate firewall and must be able to access the softswitch—for example, Cisco Unified CallManager, H.323 gatekeeper, or Cisco SIP Proxy Server—by using H.323 or SIP.
- The Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 server must be able to open a TCP connection on port 5003 when connecting to a Cisco Unified MeetingPlace Audio Server.
- The secondary Ethernet connections—those that are connected to the Multi Access Blade and not the second Ethernet port on the CPU card—on the Cisco Unified MeetingPlace Audio Server must be connected to the same subnet as the corporate network to which your Cisco Unified IP phone is connected.
- The Ethernet switch port or any other network devices to which the Multi Access Blade connects directly must be set to fixed 100Base-TX full duplex; if not, you may experience decreased voice quality.
- If G.711 codec is configured, a dedicated 100 Mbps subnet is required for each MA-16 connection; if not, the voice quality may be degraded.

- From the Cisco Unified MeetingPlace H.323/SIP IP Gateway server standpoint, the IP address of the Cisco Unified MeetingPlace Audio Server must not be translated by using a Network Address Translation (NAT) routing scheme.
- Connectivity between the Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 server and the Cisco Unified MeetingPlace Audio Server must be high quality and not subject to interruptions because of traffic congestion. Any time the round-trip latency exceeds 100 milliseconds or there is more than one percent packet loss, expect a noticeable reduction in service quality.
- If Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 is installed on a server with more than one IP address, for outdials to work you must define a gateway for each IP address either in Cisco Unified CallManager, Cisco SIP Proxy Server, or H.323 Gatekeeper.

Cisco Unified MeetingPlace Product Compatibility Matrix

For information about the compatibility of Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 with Cisco Unified MeetingPlace components, see one of the following:

- The “Cisco Unified MeetingPlace Product Compatibility Matrix” section in the *Installation Planning Guide* for Cisco Unified MeetingPlace Release 5.3.
- The *Compatibility Matrix: Cisco Unified MeetingPlace Components* document at http://www.cisco.com/en/US/products/sw/ps5664/ps5669/products_device_support_tables_list.html.



Note

Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 is not compatible with Cisco Security Agent (CSA). We recommend that you do not install CSA on a gateway server where Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 is or will be installed.

If CSA is installed on an end-user system, users will see a security alert when they attempt to use the application-sharing feature. Users can choose to proceed with the feature and use application-sharing without difficulty.

Related Documentation

For additional information about the Cisco Unified MeetingPlace H.323/SIP IP Gateway or about obtaining documentation or technical support, see one of the following:

- *Cisco MeetingPlace IP Gateway System Manager’s Guide, Release 5.2.0* at the following URL: http://www.cisco.com/en/US/products/sw/ps5664/ps5669/prod_maintenance_guides_list.html
- *Guide to Cisco Conferencing Documentation and Support* at the following URL: http://www.cisco.com/en/US/products/sw/ps5664/ps5669/products_documentation_roadmaps_list.html

New and Changed Information

Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 includes the following new features:

Feature	Description
Dialing group configuration	Dialing group configuration customizes Cisco Unified MeetingPlace by presenting specific voice prompts to callers who dial in to a meeting by using a specific IP phone number. For example, you can configure a dialing group to immediately place callers who dial extension 2121 into meeting ID 656565.
Improved Cisco Unified MeetingPlace Gateway System Integrity Manager (SIM) Installation	During Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 installation, the Gateway SIM installs or upgrades automatically if an earlier Gateway SIM release is detected.

Limitations and Restrictions

If you have Cisco Unified MeetingPlace Video Integration, you must set the Cisco Unified Videoconferencing MCU codec preferences to match the Cisco Unified MeetingPlace Audio Server codec preferences.

Caveats

- [Using Bug Toolkit, page 5](#)
- [Open Caveats, page 6](#)
- [Resolved Caveats—Release 5.2.1.21, page 6](#)
- [Resolved Caveats—Release 5.2.1.1 to Release 5.2.1.20, page 7](#)

Using Bug Toolkit

Known problems (bugs) are graded according to severity level. These release notes contain descriptions of the following:

- All severity level 1 or 2 bugs.
- Significant severity level 3 bugs.
- All customer-found bugs.

You can search for problems by using the Cisco Software Bug Toolkit.

Before You Begin

To access Bug Toolkit, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

Procedure

-
- Step 1** To access the Bug Toolkit, go to <http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs>.
- Step 2** Log in with your Cisco.com user ID and password.
- Step 3** To look for information about a specific problem, enter the bug ID number in the “Search for Bug ID” field, then click **Go**.
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For information about how to search for bugs, create saved searches, and create bug groups, click **Help** in the Bug Toolkit page.

Open Caveats

There are no open caveats in Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1.

Resolved Caveats—Release 5.2.1.21

[Table 1-1](#) lists caveats that are resolved in Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1.21 but that may be open in previous releases. Only severity 1, severity 2, and select severity 3 resolved caveats are provided in this document. For more information about an individual defect, click or go to the URL in [Table 1-1](#) to access the online record for that defect.

Because defect status continually changes, be aware that [Table 1-1](#) reflects a snapshot of the defects that were resolved at the time this report was compiled. For an updated view of resolved defects, access Bug Toolkit at http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl.

Table 1-1 *Resolved Caveats in Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1.21*

Identifier	Headline
CSCsa37456	Cisco Unified MeetingPlace H.323/SIP IP Gateway does not negotiate codec with gatekeeper. Workaround: Ensure that the codec preferences for both the Cisco Unified Videoconferencing MCU 3511 and the Cisco Unified MeetingPlace Audio Server match in Cisco Unified MeetingPlace video deployments. http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsa37456
CSCsd18606	Open logical channel was initiated too early http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd18606
CSCee03426	MMC cannot display configuration for Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2 Workaround: Access the configuration through the Registry Editor at \\HKEY_LOCAL_MACHINE\SOFTWARE\Latitude\MeetingPlace IP Gateway http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCee03426
CSCee68956	H.323 call control packets do not have QoS http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCee68956

Resolved Caveats—Release 5.2.1.1 to Release 5.2.1.20

Table 1-2 *Resolved Caveats in Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1.1 to 5.2.1.20*

Identifier	Heading
Release 5.2.1.20	
CSCsc17294	Cisco Unified MeetingPlace sends BYE after receiving INVITE
Release 5.2.1.13	
CSCsa37684	Fixed error when upgrading to Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1.12
Release 5.2.1.12	
CSCsa35442	Added a new H.323 stack to address deadlock issue
Release 5.2.1.11	
CSCsa36824	Gateway SIM automatically upgraded during Cisco Unified MeetingPlace H.323/SIP IP Gateway software upgrades
Release 5.2.1.10	
CSCee72362	Fixed fast busy problem when using restart to restart the Cisco Unified MeetingPlace H.323/SIP IP Gateway software service
CSCsa28038	Changed service display name to include Cisco when upgrading
Release 5.2.1.9	
CSCsa31052	Fixed error message when upgrading
Release 5.2.1.8	
CSCsa28736	Fixed problem saving changes to max number of H.323 and SIP callers
CSCee69433	Changed service display name to include Cisco for updates
Release 5.2.1.7	
CSCee72342	Added note to dialgroups.txt
CSCee89244	Fixed G.729 with H.323 and Cisco Unified CallManager Release 4.0 or later
CSCee69433	Changed service display name to Cisco MeetingPlace IP Gateway
Release 5.2.1.6	
CSCee75286	Fixed SIP outdial call leak
Release 5.2.1.4	
CSCee57923	Fixed H.323 call limit problem
Release 5.2.1.2	
CR22560	Fixed to save settings during upgrade
Release 5.2.1.1	
CR22738	Fixed ANI/DNIS reporting

Documentation Updates for the Cisco MeetingPlace IP Gateway System Manager's Guide, Release 5.2.0

Errors

This section lists changes to the current Cisco Unified MeetingPlace H.323/SIP IP Gateway documentation and gives corrected information. The correct information will be incorporated in a future documentation release.

Information About Configuring Cisco Unified MeetingPlace H.323/SIP IP Gateway Software Release 5.2.1 for Use With Cisco Unified MeetingPlace Web Conferencing

In the “Information About Configuring Cisco Unified MeetingPlace H.323/SIP IP Gateway Software Release 5.2.1 for Use With Cisco Unified MeetingPlace Web Conferencing” section in the “Configuring Cisco Unified MeetingPlace H.323/SIP IP Gateway Software” chapter, the first paragraph is incorrect. The second sentence should be removed so the first paragraph will read as follows:

You can install Release 5.2.1 on either the same or separate server as Cisco Unified MeetingPlace Web Conferencing. Release 5.2.1 uses the primary address, and you must configure Cisco Unified MeetingPlace Web Conferencing to use the secondary address. If Release 5.2.1 is installed on a server with more than one IP address, you must define a gateway for each IP address either in Cisco Unified CallManager, Cisco SIP Proxy server, or H.323 Gatekeeper for outdials to work.

How to Configure Cisco Unified MeetingPlace H.323/SIP IP Gateway Release 5.2.1 for Use With Cisco Unified MeetingPlace Web Conferencing

The “How to Configure Cisco Unified MeetingPlace H.323/SIP IP Gateway Software Release 5.2.1 for Use With Cisco Unified MeetingPlace Web Conferencing” section in the “Configuring Cisco Unified MeetingPlace H.323/SIP IP Gateway Software” chapter should be removed entirely.

Using MeetingPlace IP Gateway with MeetingPlace Web (Release 5.3 and later only)



Note

The following change is only for systems that are using Cisco Unified MeetingPlace Web Conferencing Release 5.3 and later. If you are using Cisco Unified MeetingPlace Web Conferencing Release 5.2.1 or earlier, keep the document as is and do not make this change.

In the “Using MeetingPlace IP Gateway with MeetingPlace Web” section in the “Managing Cisco MeetingPlace IP Gateway” chapter, the first paragraph is not accurate for this release. Disregard the second and third sentences so the first paragraph will read as follows:

MeetingPlace IP Gateway can be installed on either the same or separate Windows server as MeetingPlace Web.

In this same section, disregard the following subsections entirely:

- “Assigning the Primary IP Address”
- “Assigning the Secondary IP Address”

- “Assigning a Fixed Address”

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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