



## **Cisco Hosted Collaboration Solution, Release 10.6(1) Documentation Guide**

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### **Americas Headquarters**

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
<http://www.cisco.com>  
Tel: 408 526-4000  
800 553-NETS (6387)  
Fax: 408 527-0883

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- Increase the separation between the equipment and receiver.
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## Change History

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## Change History

Date	Section	Description
9/22/15	Chapter 1, "Documentation Changes" and Chapter 4, "Functional-Level Documentation"	Added references to documentation for the following component releases: <ul style="list-style-type: none"> <li>• Cisco Unified Communications Domain Manager Release 10.6(2)</li> <li>• Cisco Hosted Collaboration Mediation Fulfillment Release 10.6(2)</li> </ul>
9/29/15	Chapter 1, "Documentation Changes" and Chapter 4, "Functional-Level Documentation"	Added references to documentation for the Cisco Unified Communications Domain Manager Release 8.1(7) component release.





# Documentation Changes

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- [New Documents, page 1](#)
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## New Documents

No new documents were added for Cisco Hosted Collaboration Solution Release 10.6(1).

## Retired Documents

The following Feature Support Documents were retired for Cisco Hosted Collaboration Solution Release 10.6(1):

- *Cisco Hosted Collaboration Solution, Release 10.6(1) Shared Instance Feature Support*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Cisco Unified IM and Presence Service Feature Support*

The contents of these documents can now be found in the *Cisco Hosted Collaboration Solution, Release 10.6(1) Cisco Unified Communications Manager Feature Support* document.

## Updated Documents

The following documents have been updated for Cisco Hosted Collaboration Solution Release 10.6(1).



## Solution Documents



### Note

In addition to the general release of Cisco HCS Release 10.6(1), many of these solution documents have been updated recently to reflect the releases of Cisco Unified Communications Domain Manager Release 10.6(2), Cisco Unified Communications Domain Manager Release 8.1(7), and Cisco Hosted Collaboration Mediation Fullfilment Release 10.6(2). Consult the individual documents for details.

- *Cisco Hosted Collaboration Solution, Release 10.6(1) Solution Reference Network Design Guide*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) End-to-End Planning Guide*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Capacity Planning Guide*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Install Guide*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Upgrade and Migration Guide*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Maintain and Operate Guide*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Customer Onboarding Guide*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) End-User Provisioning Guide*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Dial Plan Management Guide for Cisco Unified Communications Domain Manager, Release 8.1(x)*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Dial Plan Management Guide for Cisco Unified Communications Domain Manager, Release 10.6(x)*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Troubleshooting Guide*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Documentation Guide*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Release Notes*
- *Cisco Hosted Collaboration Solution Compatibility Matrix*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) License Management*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Integration with Cisco Collaboration Client Applications*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) SIP and CTI Support*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Features for Cisco Unified Communications Manager*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Features for Cisco Unified Contact Center*
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Features for Cisco Unity Connection*

### Cisco Hosted Collaboration Mediation Fulfillment Documents

The following documents have been updated for Cisco Hosted Collaboration Mediation Fulfillment release 10.6(2):

- *Cisco Hosted Collaboration Mediation Fulfillment Command Line Interface Reference Guide*
- *Cisco Hosted Collaboration Mediation Fulfillment Install and Configure Guide*

- *Cisco Hosted Collaboration Mediation Fulfillment Maintain and Operate Guide*
- *Cisco Hosted Collaboration Mediation Fulfillment Release Notes*

The following documents have been updated for Cisco Hosted Collaboration Mediation Fulfillment release 10.6(1):

- *Cisco Hosted Collaboration Mediation Fulfillment API Gateway Proxy Developer Guide*
- *Cisco Hosted Collaboration Mediation Fulfillment Command Line Interface Reference Guide*
- *Cisco Hosted Collaboration Mediation Fulfillment Developer Guide*
- *Cisco Hosted Collaboration Mediation Fulfillment Planning Guide*
- *Cisco Hosted Collaboration Mediation Fulfillment Install and Configure Guide*
- *Cisco Hosted Collaboration Mediation Fulfillment Maintain and Operate Guide*
- *Cisco Hosted Collaboration Mediation Fulfillment Troubleshooting Guide*

### **Cisco Unified Communications Domain Manager Documents**

The following documents have been updated for both releases 10.6(1) and 10.6(2) of Cisco Unified Communications Domain Manager:

- *Cisco Unified Communications Domain Manager Planning and Install Guide*
- *Cisco Unified Communications Domain Manager Maintain and Operate Guide*
- *Cisco Unified Communications Domain Manager Bulk Loader Provisioning Guide*
- *Cisco Unified Communications Domain Manager API Reference Guide*
- *Cisco Unified Communications Domain Manager Troubleshooting Guide*
- *Cisco Unified Communications Domain Manager Release Notes*





## Solution-Level Documentation

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- [Planning and Overview](#), page 5
- [Install and Upgrade](#), page 6
- [Configure](#), page 6
- [Maintain and Operate](#), page 7
- [Troubleshooting](#), page 7
- [Reference](#), page 7

### Documentation Resources

The following page lists the documentation resources that are available for Cisco Hosted Collaboration Solution Release 10.6(1): <http://www.cisco.com/c/en/us/support/unified-communications/hosted-collaboration-solution-version-10-6-1/model.html>.

### Planning and Overview

#### Compatibility Matrix

This document lists the component versions that are compatible with Cisco HCS.

#### Planning Guides

- *Cisco Hosted Collaboration Solution, Release 10.6(1) Solution Reference Network Design Guide*: This document contains design considerations, guidelines, and best practices for deploying standard Cisco Hosted Collaboration Solution (HCS).
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Capacity Planning Guide*: This document provides capacity planning information for Cisco Hosted Collaboration Solution (HCS).
- *Cisco Hosted Collaboration Solution, Release 10.6(1) End-to-End Planning Guide*: This document provides the processes and tasks that are required to design a Cisco Hosted Collaboration Solution.

## Release Notes

*Cisco Hosted Collaboration Solution, Release 10.6(1) Release Notes:* This document contains information on new and changed features, open caveats, and where to find information on resolved caveats in the release.

## Licensing

*Cisco Hosted Collaboration Solution, Release 10.6(1) License Management:* This document provides the steps required to obtain, activate, and manage licenses related to Cisco Hosted Collaboration Solution (HCS). This document also describes how to extract information about license usage from individual components that are part of Cisco HCS.

## Security Advisories, Responses and Notices

See <http://www.cisco.com/c/en/us/support/unified-communications/hosted-collaboration-solution-hcs/products-security-advisories-list.html> for information on the latest security advisories, responses and notices.

# Install and Upgrade

- *Cisco Hosted Collaboration Solution, Release 10.6(1) Install Guide:* This document provides a high-level view of the installation of a Cisco Hosted Collaboration Solution (HCS) system. The document includes information related to installation strategies, discusses the installation sequence, and emphasizes the order in which components are to be installed. Specific product documentation is referenced for detailed installation instructions.
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Upgrade and Migration Guide:* This document summarizes the process that you must follow when upgrading your Cisco Hosted Collaboration Solution deployment to Release 10.6(1). This document includes an overview of the solution upgrade and migration process as well as strategies, best practices, recommendations, and procedures for upgrading or migrating the Cisco HCS components or optional components to Release 10.6(1).

# Configure

- *Cisco Hosted Collaboration Solution, Release 10.6(1) Customer Onboarding Guide:* This document describes the customer onboarding process by providing configuration procedures for major Cisco Hosted Collaboration Solution (HCS) components. Configuration procedures are provided in the form of checklists supported by high-level procedures. The configuration steps should be treated as reference information because, based on the customer network design, the steps may vary.
- *Cisco Hosted Collaboration Solution, Release 10.6(1) End-User Provisioning Guide:* This document provides the information needed to provision end users in the Cisco Hosted Collaboration Solution. This document includes information on the different configuration tools available, as well as how to add and manage end users, their devices, and their services.

# Maintain and Operate

- *Cisco Hosted Collaboration Solution, Release 10.6(1) Maintain and Operate Guide*: This document provides solution-focused information on maintenance tools, performance monitoring with Prime Collaboration Assurance, and backup and restore tasks.
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Dial Plan Management Guide for Cisco Unified Communications Domain Manager, Release 10.6(x)*: This document outlines the key architectural elements that define the Cisco HCS Dial Plan Model, the mechanics of how the model is constructed, and the resulting service configurations in Cisco Unified Communications Domain Manager Release 10.6(1).
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Dial Plan Management Guide for Cisco Unified Communications Domain Manager, Release 8.1(x)*: This document outlines the key architectural elements that define the Cisco HCS Dial Plan Model, the mechanics of how the model is constructed, and the resulting service configurations in Unified Communications Domain Manager 8.1(x).

# Troubleshooting

## Troubleshooting Guides

- *Cisco Hosted Collaboration Solution, Release 10.6(1) Troubleshooting Guide*: This document provides troubleshooting information for the Cisco Hosted Collaboration Solution (HCS).

# Reference

## Programming Guides

- The *HCS Web Services Interface Javadoc* and *HCS Web Services Interface Javadoc Sample Code* describe methods and sample code for the HCS Fulfillment, HCS License Manager, Shared Data Repository, and Service Inventory web services.

## Reference Guides

- *Cisco Hosted Collaboration Solution, Release 10.6(1) Integration with Cisco Collaboration Client Applications*: This document provides detailed information and descriptions of the Cisco UC Integration for Microsoft Office Communicator / Cisco UC Integration for Microsoft Lync functionality delivered in Cisco Hosted Collaboration Solution (HCS), as well as for Cisco Collaboration Client Applications for HCS configuration.
- *Cisco Hosted Collaboration Solution, Release 10.6(1) SIP and CTI Support*: This document outlines Session Initiation Protocol (SIP) and CTI support in HCS.

### Feature Support Documentation

- *Cisco Hosted Collaboration Solution, Release 10.6(1) Features for Cisco Unified Communications Manager*: This document clarifies the support and provisioning approach for key Cisco Unified Communications Manager (Unified CM) features in Cisco HCS.
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Features for Cisco Unified Contact Center*: This document clarifies the support and provisioning approach for key Cisco Unified Contact Center features in Cisco HCS.
- *Cisco Hosted Collaboration Solution, Release 10.6(1) Features for Cisco Unity Connection*: This document clarifies the support and provisioning approach for key Cisco Unity Connection features in Cisco HCS.



## Related Component-Level Documentation

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- [Aggregation Layer](#), page 9
- [Cisco Endpoints](#), page 10
- [Cisco Gateways and Adapters](#), page 11
- [Cisco Unified Communications Applications and Widgets](#), page 11
- [Cisco Unified Survivable Remote Site Telephony \(SRST\) Gateways](#), page 12
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- [Virtualized Multi-Tenant Data Center Infrastructure](#), page 15

## Component-Level Documentation

Component-level documentation is for reference. Component-level documentation may cover functionality and capabilities not used in HCS. Refer to the solution-level documentation for the supported usage of the components within HCS.

Review the *Cisco Hosted Collaboration Solution Compatibility Matrix* for information about supported releases of HCS components.

## Aggregation Layer

To obtain documentation on aggregation layer components, refer to the following:



- **Cisco AS5400XM Universal Gateway (Trunking):** [http://www.cisco.com/en/US/products/hw/univgate/ps505/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/hw/univgate/ps505/tsd_products_support_series_home.html)
- **Cisco IP Transfer Point:** [http://www.cisco.com/en/US/products/sw/wirelssw/ps1862/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/wirelssw/ps1862/tsd_products_support_series_home.html)
- **Cisco PGW:** [http://www.cisco.com/en/US/products/hw/vcallcon/ps2027/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/hw/vcallcon/ps2027/tsd_products_support_series_home.html)

For more information on third-party software components and hardware requirements, refer to Cisco PGW 2200 Softswitch installation guides.

- **Cisco Unified Border Element:** <http://www.cisco.com/c/en/us/support/unified-communications/unified-border-element/tsd-products-support-series-home.html>
- **Cisco Unified Communications Manager Session Management Edition:** [http://www.cisco.com/en/US/products/ps10661/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10661/tsd_products_support_series_home.html)
- **Metaswitch Perimeta Session Border Controller:** see the vendor website.
- **Cisco vPGW:** Refer to the Cisco Virtual PGW 2200 Softswitch Documentation for Cisco HCS on the Component Documentation tab at <http://www.cisco.com/c/en/us/support/unified-communications/hosted-collaboration-solution-version-10-6-1/model.html>.

For information specifically on the PGW/vPGW Full Number Translation TimesTen DB Package, refer to [http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/pgw/9/feature/module/9.7\\_3/\\_f\\_n\\_trns.html](http://www.cisco.com/en/US/docs/voice_ip_comm/pgw/9/feature/module/9.7_3/_f_n_trns.html).

## Cisco Endpoints

To obtain documentation on Cisco endpoints, refer to the following:

- **Cisco IP Communicator:** [http://www.cisco.com/en/US/products/sw/voicesw/ps5475/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/voicesw/ps5475/tsd_products_support_series_home.html)
- **Cisco IP Video Phone E20:** [http://www.cisco.com/en/US/products/ps11329/tsd\\_products\\_support\\_eol\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11329/tsd_products_support_eol_series_home.html)
- **Cisco Jabber for Android:** [http://www.cisco.com/en/US/products/ps11678/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11678/tsd_products_support_series_home.html)
- **Cisco Jabber for iPhone:** [http://www.cisco.com/en/US/products/ps11596/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11596/tsd_products_support_series_home.html)
- **Cisco Jabber for Blackberry:** [http://www.cisco.com/en/US/products/ps11763/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11763/tsd_products_support_series_home.html)
- **Cisco Jabber for iPad:** [http://www.cisco.com/en/US/products/ps12430/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps12430/tsd_products_support_series_home.html)
- **Cisco TelePresence:** visit <http://www.cisco.com/cisco/web/psa/default.html?mode=prod&level0=280789323>; then, select the Cisco TelePresence product that applies to you.
- **Cisco UC Integration (TM) for Cisco WebEx Connect:** [http://www.cisco.com/en/US/products/ps10627/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10627/tsd_products_support_series_home.html)

- **Cisco UC Integration (TM) for Microsoft Lync:** <http://www.cisco.com/c/en/us/support/unified-communications/uc-integration-tm-microsoft-lync/tsd-products-support-series-home.html>
- **Cisco UC Integration for IBM:** [http://www.cisco.com/en/US/products/ps12774/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps12774/tsd_products_support_series_home.html)
- **Cisco UC Integration for Microsoft Office Communicator:** [http://www.cisco.com/en/US/products/ps10317/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10317/tsd_products_support_series_home.html)
- **Cisco UC Integration for RTX:** [http://www.cisco.com/en/US/products/ps11241/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11241/tsd_products_support_series_home.html)
- **Cisco Unified IP Phone 6900 Series:** [http://www.cisco.com/en/US/products/ps10326/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10326/tsd_products_support_series_home.html)
- **Cisco Unified IP Phone 7900 Series:** [http://www.cisco.com/en/US/products/hw/phones/ps379/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/hw/phones/ps379/tsd_products_support_series_home.html)
- **Cisco Unified IP Phone 8900 Series:** [http://www.cisco.com/en/US/products/ps10451/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10451/tsd_products_support_series_home.html)
- **Cisco Unified IP Phone 9900 Series:** [http://www.cisco.com/en/US/products/ps10453/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10453/tsd_products_support_series_home.html)
- **Cisco Unified SIP Phone 3900 Series:** [http://www.cisco.com/en/US/products/ps7193/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps7193/tsd_products_support_series_home.html)
- **Cisco Unified Personal Communicator for Windows or MacOS:** [http://www.cisco.com/en/US/products/ps6844/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps6844/tsd_products_support_series_home.html)
- **Cisco Unified Video Advantage:** [http://www.cisco.com/en/US/products/sw/voicesw/ps5662/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/voicesw/ps5662/tsd_products_support_series_home.html)

## Cisco Gateways and Adapters

To obtain documentation on Cisco Gateways and Adapters, refer to the following:

- **Cisco ATA 180 Series Analog Telephone Adaptors:** <http://www.cisco.com/c/en/us/support/unified-communications/ata-180-series-analog-telephone-adaptors/tsd-products-support-series-home.html>
- **Cisco VG Series Gateways:** [http://www.cisco.com/en/US/products/hw/gatecont/ps2250/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/hw/gatecont/ps2250/tsd_products_support_series_home.html)
- **Transnova S3: Configuring Cisco Unified Communications Manager for the NovaTec TransNova S3 Voice Gateway** at [http://www.cisco.com/en/US/products/sw/voicesw/ps556/products\\_installation\\_and\\_configuration\\_guides\\_list.html](http://www.cisco.com/en/US/products/sw/voicesw/ps556/products_installation_and_configuration_guides_list.html)
- **Cisco Expressway Series:** <http://www.cisco.com/c/en/us/support/unified-communications/expressway-series/tsd-products-support-series-home.html>

## Cisco Unified Communications Applications and Widgets

To obtain documentation on Cisco Unified Communications Applications and Widgets, refer to the following:

- **Cisco Emergency Responder:** [http://www.cisco.com/en/US/products/sw/voicesw/ps842/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/voicesw/ps842/tsd_products_support_series_home.html)
- **Cisco Hosted Collaboration Solution for Contact Center:** [http://www.cisco.com/en/US/products/ps12796/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps12796/tsd_products_support_series_home.html)
- **Cisco Unified Attendant Consoles Premium Edition:** [http://www.cisco.com/en/US/products/ps7282/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps7282/tsd_products_support_series_home.html)
- **Cisco Unified Communications Manager IM and Presence Service:** <http://www.cisco.com/c/en/us/support/unified-communications/unified-presence/tsd-products-support-series-home.html>
- **Cisco Unified Communications Manager:** [http://www.cisco.com/en/US/products/sw/voicesw/ps556/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/voicesw/ps556/tsd_products_support_series_home.html)
- **Cisco Unified Contact Center Express:** [http://www.cisco.com/en/US/products/sw/custcosw/ps1846/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/custcosw/ps1846/tsd_products_support_series_home.html)
- **Cisco Virtual Experience Client VXC 6215:** <http://www.cisco.com/c/en/us/support/collaboration-endpoints/virtualization-experience-client-6000-series/tsd-products-support-series-home.html>
- **Cisco WebEx Meeting Center:** [http://www.cisco.com/en/US/products/ps10409/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10409/tsd_products_support_series_home.html)
- **Cisco Paging Server:** <http://www.cisco.com/c/en/us/support/unified-communications/paging-server/tsd-products-support-series-home.html>

## Cisco Unified Survivable Remote Site Telephony (SRST) Gateways

To obtain documentation on **Cisco 1800, 2800, and 3800 Series Integrated Services Routers G1**, refer to the following:

- **Cisco 1800 Series Integrated Services Routers:** [http://www.cisco.com/en/US/products/ps5853/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps5853/tsd_products_support_series_home.html)
- **Cisco 2800 Series Integrated Services Routers:** [http://www.cisco.com/en/US/products/ps5854/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps5854/tsd_products_support_series_home.html)
- **Cisco 3800 Series Integrated Services Routers:** [http://www.cisco.com/en/US/products/ps5855/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps5855/tsd_products_support_series_home.html)

To obtain documentation on **Cisco 1900, 2900, and 3900 Series Integrated Services Routers G2**, refer to the following:

- **Cisco 1900 Series Integrated Services Routers:** [http://www.cisco.com/en/US/products/ps10538/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10538/tsd_products_support_series_home.html)
- **Cisco 2900 Series Integrated Services Routers:** [http://www.cisco.com/en/US/products/ps10537/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10537/tsd_products_support_series_home.html)
- **Cisco 3900 Series Integrated Services Routers:** [http://www.cisco.com/en/US/products/ps10536/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10536/tsd_products_support_series_home.html)

## Media Resources and MCU

To obtain documentation on Media Resources and MCU, refer to the following:

- **Cisco 2800 Series Integrated Services Routers:** [http://www.cisco.com/en/US/products/ps5854/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps5854/tsd_products_support_series_home.html)
- **Cisco 2900 Series Integrated Services Routers:** [http://www.cisco.com/en/US/products/ps10537/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10537/tsd_products_support_series_home.html)
- **Cisco 3900 Series Integrated Services Routers:** [http://www.cisco.com/en/US/products/ps10536/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10536/tsd_products_support_series_home.html)
- **Cisco TelePresence MCU 4200:** [http://www.cisco.com/en/US/products/ps11342/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11342/tsd_products_support_series_home.html)
- **Cisco TelePresence MCU 4500:** [http://www.cisco.com/en/US/products/ps11341/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11341/tsd_products_support_series_home.html)
- **Cisco TelePresence MSE 8000 Series:** [http://www.cisco.com/en/US/products/ps11340/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11340/tsd_products_support_series_home.html)

## Security Appliance

To obtain documentation on Security appliance, refer to the following:

- **Cisco ASA 5500 Series Adaptive Security Appliances:** [http://www.cisco.com/en/US/products/ps6120/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps6120/tsd_products_support_series_home.html)
- **Cisco Virtual Security Gateway for Cisco Nexus 1000V Series Switches:** [http://www.cisco.com/en/US/products/ps9902/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html)
- **Cisco ASA 5500-X Series Firewall :** <http://www.cisco.com/c/en/us/support/security/asa-5500-series-next-generation-firewalls/tsd-products-support-series-home.html>
- **LDAP-Microsoft Active Directory:** see the vendor website.

## Service Assurance

### Cisco Prime Collaboration Assurance

To obtain documents for Cisco Prime Collaboration Assurance, see [http://www.cisco.com/en/US/products/ps12363/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps12363/tsd_products_support_series_home.html).

# Service Deployment

## Cisco Prime Collaboration Deployment

To obtain documents for Cisco Prime Collaboration Deployment:

- Administration: <http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/products-maintenance-guides-list.html>
- Release Notes: <http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/products-release-notes-list.html>

# Service Fulfillment

To obtain documentation on Service Fulfillment, see the following:

- **Cisco Hosted Collaboration Mediation Fulfillment:** Cisco Hosted Collaboration Mediation Fulfillment documents are listed on the Component Documentation tab of this page: <http://www.cisco.com/c/en/us/support/unified-communications/hosted-collaboration-solution-version-10-6-1/model.html>.
- **Cisco Network Registrar:** [http://www.cisco.com/en/US/products/sw/netmgtsw/ps1982/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/netmgtsw/ps1982/tsd_products_support_series_home.html)
- **Cisco Unified Communications Domain Manager 8.1(x):** Cisco Unified Communications Domain Manager 8.1(x) documents are listed on the Component Documentation tab of this page: <http://www.cisco.com/c/en/us/support/unified-communications/hosted-collaboration-solution-version-10-6-1/model.html>.
- **Cisco Unified Communications Domain Manager 10.6(x):** Cisco Unified Communications Domain Manager 10.6(1) documents are listed on the Component Documentation tab of this page: <http://www.cisco.com/c/en/us/support/unified-communications/hosted-collaboration-solution-version-10-6-1/model.html>.
- **Prime License Manager:** <http://www.cisco.com/c/en/us/support/cloud-systems-management/prime-license-manager/tsd-products-support-series-home.html>

# Third-Party Endpoints

Refer to the vendor website for all third-party endpoints, including:

- AS-SIP Endpoint
- CTI Applications (also Jabber Clients)
- Generic Desktop Video Endpoint
- Generic Multiple Screen Room System
- Generic Single Screen Room System
- SIP Device (Basic and Advanced)

# Virtualized Multi-Tenant Data Center Infrastructure

To obtain documentation, refer to the following:

- **Cisco ASR 9000 Series Aggregation Services Routers:** [http://www.cisco.com/en/US/products/ps9853/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps9853/tsd_products_support_series_home.html)
- **Cisco MDS 9222i Multilayer Switches:** [http://www.cisco.com/en/US/products/ps5988/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps5988/tsd_products_support_series_home.html)
- **Cisco MDS 9500 Series Multilayer Directors:** [http://www.cisco.com/en/US/products/ps5990/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps5990/tsd_products_support_series_home.html)
- **Cisco Nexus 5000 Series Switches:** <http://www.cisco.com/c/en/us/support/switches/nexus-5000-series-switches/tsd-products-support-series-home.html>
- **Cisco Nexus 7000 Series Switches:** [http://www.cisco.com/en/US/products/ps9402/tsd\\_products\\_support\\_general\\_information.html](http://www.cisco.com/en/US/products/ps9402/tsd_products_support_general_information.html)
- **Cisco UCS B-Series Blade Server:** [http://www.cisco.com/en/US/products/ps10280/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10280/tsd_products_support_series_home.html)
- **Cisco UCS C-Series Rack Servers:** [http://www.cisco.com/en/US/products/ps10493/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10493/tsd_products_support_series_home.html)
- **Cisco UCS 2200 Series Fabric Extenders:** [http://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-6200-series-fabric-interconnects/data\\_sheet\\_c78-675243.html](http://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-6200-series-fabric-interconnects/data_sheet_c78-675243.html)
- **Cisco UCS 5100 Series Blade Server Chassis:** [http://www.cisco.com/en/US/products/ps10279/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10279/tsd_products_support_series_home.html)
- **Cisco UCS 6200 Series Fabric Interconnects:** <http://www.cisco.com/c/en/us/support/servers-unified-computing/ucs-6200-series-fabric-interconnects/tsd-products-support-series-home.html>
- **Cisco Unified Computing System Manager:** [http://www.cisco.com/en/US/products/ps10281/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps10281/tsd_products_support_series_home.html)
- **Cisco Virtual Network Management Center:** [http://www.cisco.com/en/US/products/ps11213/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11213/tsd_products_support_series_home.html)
- **EMC storage solutions:** see the vendor website.
- **Network Appliance (NetApp) storage solutions:** see the vendor website.
- **Hypervisor-VMware vSphere Enterprise Plus (Includes VMware ESXi and VMware vCenter):** see the vendor website.
- **VMware vCenter Server:** see the vendor website.





## CHAPTER 4

# Functional-Level Documentation

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- [Documentation Resources](#), page 17
- [Cisco Hosted Collaboration Mediation Fulfillment](#), page 17
- [Cisco Unified Communications Domain Manager](#), page 18
- [Cisco Virtual PGW 2200 Softswitch](#), page 21
- [Metaswitch Perimeta Session Border Controller](#), page 22

## Documentation Resources

The following page lists the documentation resources that are available for Cisco Hosted Collaboration Solution Release 10.6(1): <http://www.cisco.com/c/en/us/support/unified-communications/hosted-collaboration-solution-version-10-6-1/model.html>.

## Cisco Hosted Collaboration Mediation Fulfillment

- *Release Notes for Cisco Hosted Collaboration Mediation Fulfillment*: This document describes new and changed features, release information, and known issues associated with the release.
- *Cisco Hosted Collaboration Mediation Fulfillment Planning Guide*: This document provides instructions for planning Cisco Hosted Collaboration Mediation Fulfillment (HCM-F) in Cisco Hosted Collaboration Solution (HCS), including information on Cisco HCM-F services and resource requirements.
- *Cisco Hosted Collaboration Mediation Fulfillment Install and Configure Guide*: This document provides the information and procedures for installing, upgrading, and configuring Cisco HCM-F.
- *Cisco Hosted Collaboration Mediation Fulfillment Maintain and Operate Guide*: This document provides instructions for maintaining and operating Cisco HCM-F in Cisco HCS.
- *Cisco Hosted Collaboration Mediation Fulfillment Troubleshooting Guide*: This document provides the information about troubleshooting tools and procedures for troubleshooting components of Cisco HCM-F.
- *Cisco Hosted Collaboration Mediation Fulfillment Command Line Interface Reference Guide*: This document provides information on the command line interface for Cisco HCM-F.



- *Cisco Hosted Collaboration Mediation Fulfillment API Gateway Proxy Developer Guide*: This document describes the Cisco HCS North Bound Interface Web Service APIs that are supported with Cisco Hosted Collaboration Mediation Fulfillment in Cisco Hosted Collaboration Solution.
- *Cisco Hosted Collaboration Mediation Fulfillment Developer Guide*: This document describes the Cisco HCS REST North Bound Interface Web Service APIs and the Cisco HCS SOAP North Bound Interface Web Service APIs.

## Cisco Unified Communications Domain Manager

### Cisco Unified Communications Domain Manager Releases 10.6(1) and 10.6(2)

The following documents were updated for the Cisco Unified Communications Domain Manager 10.6(1) and 10.6(2) releases:

- *Cisco Unified Communications Domain Manager Planning and Install Guide*: this document provides instructions for planning your Cisco Unified Communications Domain Manager deployment and installing the application.
- *Cisco Unified Communications Domain Manager Maintain and Operate Guide*: this document provides instructions for the day to day operation and maintenance of Cisco Unified Communications Domain Manager.
- *Cisco Unified Communications Domain Manager Troubleshooting Guide*: this document offers troubleshooting advice for Cisco Unified Communications Domain Manager.
- *Cisco Unified Communications Domain Manager API Reference Guide*: this document describes the Cisco Unified Communication Domain Manager APIs, including schema, for service providers and developers.
- *Cisco Unified Communications Domain Manager Bulk Loader Provisioning Guide*: this document provides instructions for using Bulk Loaders to provision Cisco Unified Communications Domain Manager.
- *Cisco Unified Communications Domain Manager Self Service Guide*: this document describes the Self Service operations available in Cisco Unified Communications Domain Manager.
- *Cisco Unified Communications Domain Manager Release Notes*: this document contains information on new and changed features, open caveats, and where to find information on resolved caveats in the release.

### Cisco Unified Communications Domain Manager 8.1(7)

*CUCDM 8.1(7) User and Platform Guides*: This zip file contains all Cisco Unified Communications Domain Manager documents. The documents are organized by the structure that is specified in the *User Assistance Guide for Cisco Unified Communications Domain Manager*.

The following documents were updated for the Cisco Unified Communications Domain Manager 8.1(7) release:

- *Release Notes for Cisco Unified Communications Domain Manager 8.1(7)*
- *Known Issues for Cisco Unified Communications Domain Manager 8.1(7)*
- *Platform 4.12.0 Release Notes for Cisco Unified Communications Domain Manager 8.1(7)*

- *Bulk Loader Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *Deployment Guide for Cisco Unified Communications Domain Manager 8.1(7)*

The following list is a selection of the other most commonly used documents for Cisco Unified Communications Domain Manager release 8.1(7):

- *Advanced Phone Settings for Cisco Unified Communications Domain Manager 8.1(7)*
- *Call Manager Model Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *CUCDM-HCS 8.1(7) Platform Build Process*
- *Customers-Divisions-Locations Loader User Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *Deploying a High Availability CUCDM SERVER on VMware for Cisco Unified Communications Domain Manager 8.1(7)*
- *LDAP Integration Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *License Activation Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *LocAdmin Loader User Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *Network Elements Loader User Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *PGW Static Setup Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *FCT-ENT Loader User Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *Backup and Restore Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *Platform Upgrade Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *Redundancy and Disaster Recovery Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *FAQ and Troubleshooting Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *Unified Communications Domain Manager 8.1(7) Reference Bulk-Loader Set Technical Overview*
- *Network Ports for Cisco Unified Communications Domain Manager 8.1(7)*
- *Server Overview Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *SSL Certificate Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *User Assistance Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *Self Care Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *Unified CM Build Guide for Cisco Unified Communications Domain Manager 8.1(7)*
- *IM and Presence Static Configuration Guide (Unified CM Version 9.x) for Cisco Unified Communications Domain Manager 8.1(7)*
- *IM and Presence Static Configuration Guide (Unified CM Version 10 or later) for Cisco Unified Communications Domain Manager 8.1(7)*
- *Command Line Interface (CLI) for Cisco Unified Communications Domain Manager 8.1(7)*
- *SNMP Support for Cisco Unified Communications Domain Manager 8.1(7)*
- *Web Service API Reference for Cisco Unified Communications Domain Manager 8.1(7)*

### Cisco Unified Communications Domain Manager 8.1(6)

*CUCDM 8.1(6) User and Platform Guides*: This zip file contains all Cisco Unified Communications Domain Manager documents. The documents are organized by the structure that is specified in the *User Assistance Guide for Cisco Unified Communications Domain Manager*.

The following documents were updated for the Cisco Unified Communications Domain Manager 8.1(6) release:

- *Release Notes for Cisco Unified Communications Domain Manager 8.1(6)*
- *Known Issues for Cisco Unified Communications Domain Manager 8.1(6)*
- *Platform 4.4.5 Release Notes for Cisco Unified Communications Domain Manager 8.1(6)*
- *Bulk Loader Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *Call Manager Model Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *CUCDM-HCS 8.1(6) Platform Build Process*
- *Deployment Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *Web Service API Reference for Cisco Unified Communications Domain Manager 8.1(6)*

The following list is a selection of the other most commonly used documents for Cisco Unified Communications Domain Manager release 8.1(6):

- *Advanced Phone Settings for Cisco Unified Communications Domain Manager 8.1(6)*
- *Customers-Divisions-Locations Loader User Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *Deploying a High Availability CUCDM SERVER on VMware for Cisco Unified Communications Domain Manager 8.1(6)*
- *LDAP Integration Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *License Activation Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *LocAdmin Loader User Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *Network Elements Loader User Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *PGW Static Setup Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *FCT-ENT Loader User Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *Backup and Restore Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *Platform Upgrade Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *Redundancy and Disaster Recovery Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *FAQ and Troubleshooting Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *Unified Communications Domain Manager 8.1(6) Reference Bulk-Loader Set Technical Overview*
- *Network Ports for Cisco Unified Communications Domain Manager 8.1(6)*
- *Server Overview Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *SSL Certificate Guide for Cisco Unified Communications Domain Manager 8.1(6)*

- *User Assistance Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *Self Care Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *Unified CM Build Guide for Cisco Unified Communications Domain Manager 8.1(6)*
- *IM and Presence Static Configuration Guide (Unified CM Version 9.x) for Cisco Unified Communications Domain Manager 8.1(6)*
- *IM and Presence Static Configuration Guide (Unified CM Version 10 or later) for Cisco Unified Communications Domain Manager 8.1(6)*
- *Command Line Interface (CLI) for Cisco Unified Communications Domain Manager 8.1(6)*
- *SNMP Support for Cisco Unified Communications Domain Manager 8.1(6)*

## Cisco Virtual PGW 2200 Softswitch

You can obtain the latest documentation for Cisco Virtual PGW 2200 on the Components tab of the Cisco HCS Release 10.6(1) documentation page:

<http://www.cisco.com/c/en/us/support/unified-communications/hosted-collaboration-solution-version-10-6-1/model.html>

The *Cisco Virtual PGW 2200 Softswitch 9.9 Documentation for Cisco HCS* zip archive also contains the following core documentation:

- *Cisco Virtual PGW 2200 (VPGW) 9.9 Migration Guide*
- *Cisco Virtual PGW 2200 (VPGW) Softswitch Release 9.9 MML Command Reference*
- *Cisco Virtual PGW 2200 (VPGW) Softswitch Release 9.9 Operations, Maintenance, and Troubleshooting Guide*
- *Cisco Virtual PGW 2200 (VPGW) Softswitch Release 9.9 Software Installation and Configuration Guide*
- *Cisco Virtual PGW 2200 (VPGW) Softswitch Release 9.9 Dial Plan Guide*
- *Cisco Virtual PGW 2200 (VPGW) Softswitch Release 9.9 Provisioning Guide*
- *Provisioning Examples for Cisco Virtual PGW 2200 (VPGW) Softswitch*
- *Release Notes for HCS Cisco Virtual PGW 2200 (VPGW) Softswitch*
- *Cisco Virtual PGW 2200 Softswitch Display Name and Connected Number Interworking Feature Module*
- *Cisco Virtual PGW 2200 Softswitch Domain-Based Routing Feature Module*
- *Cisco Virtual PGW 2200 Softswitch Enhanced Generic Number Handling Feature Module*
- *Cisco Virtual PGW 2200 Softswitch Generic Call Tagging Feature Module*
- *Cisco Virtual PGW 2200 Softswitch Inter-Unified CM SIP Trunk Service Transparency for MWI, KPML, and COLP Feature Module*
- *Cisco Virtual PGW 2200 Softswitch Secure Real-Time Transport Protocol Support Feature Module*
- *Cisco Virtual PGW 2200 Softswitch SIP Profiles Feature Module*
- *Cisco Virtual PGW 2200 Soft switch Support of Tunneled QSIG over SIP (SIPQ)*

- *Cisco Virtual PGW 2200 Softswitch Support for Tel URI in SIP Diversion Header Feature Module*
- *Cisco Virtual PGW 2200 Softswitch Support of PAID Tel URI Feature Module*
- *Cisco Virtual PGW 2200 Softswitch TCP Transport for SIP Phase II Feature Module*
- *Cisco Virtual PGW 2200 Softswitch TG Advance Feature Module*

## Metaswitch Perimeta Session Border Controller

To view the Metaswitch Perimeta Session Border Controller documents, see <http://www.metaswitch.com/products/perimeta-session-border-controller>.