



Preface

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Purpose

This document lists the TCP and UDP ports that the Cisco Unified Communications Manager release 9.0(1) and the IM and Presence Service Release 9.x use for intracluster connections and communication with external applications or devices. Important information about the configuration of firewalls, Access Control Lists (ACLs), and quality of service (QoS) on a network when an IP Communications solution is implemented is also provided.

Organization

The following table shows the organization for this guide:

Table 1: Organization of TCP and Port Usage Guide for Cisco Unified Communications Manager

Part	Description
Part 1	“Cisco Unified CM TCP and UDP port usage” Provides information about TCP and port usage settings for Cisco Unified Communications Manager release 9.0(1).
Part 2	“IM and Presence Service TCP and UDP port usage” Provides information about TCP and port usage settings for the IM and Presence Service.

Related documentation

Cisco strongly recommends that you review the following documents for more details about installing and maintaining Cisco Unified Communications Manager and the IM and Presence Service.

- For the latest Cisco Unified Communications Manager and IM and Presence Service requirements, see the *Release Notes for Cisco Unified Communications Manager*.
- *Installing Cisco Unified Communications Manager*
This document describes procedures to follow when installing Cisco Unified Communications Manager and the IM and Presence Service.
- *Upgrade Guide for Cisco Unified Communications Manager*
This document describes procedures to follow when upgrading Cisco Unified Communications Manager and the IM and Presence Service.
- *Cisco Unified Communications Operating System Administration Guide*
This document provides information about using the Cisco Unified Communications Platform graphical user interface (GUI) to perform many common system- and network-related tasks.
- *Deployment Guide for IM and Presence Service on Cisco Unified Communications Manager*
This document provides an overview of the configuration process for the IM and Presence Service.
- *Cisco Unified Serviceability Administration Guide*
This document provides descriptions and procedures for configuring alarms, traces, SNMP, and so on, through Cisco Unified Serviceability. It also describes how to activate, start, and stop feature and network services.
- *Disaster Recovery System Administration Guide for Cisco Unified Communications Manager*
This document provides an overview of the Disaster Recovery System and provides procedures for performing various backup-related tasks and restore-related tasks.

All related documentation can be found at the following URL: http://www.cisco.com/en/US/products/sw/voicesw/ps556/tsd_products_support_series_home.html

Obtain documentation and support

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>

Cisco product security overview

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for

compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

Further information regarding U.S. export regulations may be found at

http://www.access.gpo.gov/bis/ear/ear_data.html

