



Preface

Purpose

This document provides information about using the Cisco Unified Communications Operating System graphical user interface (GUI) and the command line interface (CLI) to perform many common system- and network-related tasks.

Audience

This document provides information for network administrators who are responsible for managing and supporting the Cisco Unified Communications Operating System system. Network engineers, system administrators, or telecom engineers use this guide to learn about, and administer, the operating system features. This guide requires knowledge of telephony and IP networking technology.

Organization

The following table shows how this guide is organized:

Chapter	Description
Introduction	This chapter provides an overview of the functions that are available through the Cisco Unified Communications Operating System.
Log In To Cisco Unified Communications Operating System Administration	This chapter provides procedures for logging in to the Cisco Unified Communications Operating System and for recovering a lost Administrator password.
Status and Configuration	This chapter provides procedures for displaying operating system status and configuration settings.
Settings	This chapter provides procedures for viewing and changing the Ethernet settings, IP settings, and NTP settings.
System Restart	This chapter provides procedures for restarting and shutting down the system.
Security	This chapter provides procedures for certificate management and for IPSec management.

Chapter	Description
Software Upgrades	This chapter provides procedures for installing software upgrades and for uploading files to the TFTP server.
Services	This chapter provides procedures for using the utilities that the operating system provides, including ping and remote support.
Command Line Interface	This appendix provides information on the Command Line Interface, including available commands, command syntax, and parameters.

Related Documentation

Refer to the *Cisco Unified Communications Manager Documentation Guide* for further information about related Cisco IP telephony applications and products.

Conventions

This document uses the following conventions:

Convention	Description
boldface font	Commands and keywords are in boldface .
<i>italic font</i>	Arguments for which you supply values are in <i>italics</i> .
[]	Elements in square brackets are optional.
{ x y z }	Alternative keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
screen font	Terminal sessions and information the system displays are in <code>screen font</code> .
boldface screen font	Information you must enter is in boldface screen font .
<i>italic screen font</i>	Arguments for which you supply values are in <i>italic screen font</i> .
	This pointer highlights an important line of text in an example.
^	The symbol ^ represents the key labeled Control—for example, the key combination ^D in a screen display means hold down the Control key while you press the D key.
< >	Nonprinting characters, such as passwords, are in angle brackets.

Notes use the following conventions:



Note

Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the publication.

Timesavers use the following conventions:

**Timesaver**

Means *the described action saves time*. You can save time by performing the action described in the paragraph.

Tips use the following conventions:

**Tip**

Means *the information contains useful tips*.

Cautions use the following conventions:

**Caution**

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

Warnings use the following conventions:

**Warning**

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, you must be aware of the hazards involved with electrical circuitry and familiar with standard practices for preventing accidents.

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>

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.

A summary of U.S. laws governing Cisco cryptographic products may be found at: <http://www.cisco.com/wwl/export/crypto/tool/stqrg.html>. If you require further assistance please contact us by sending email to export@cisco.com.

