Cisco Unified Communications Manager SIP Line Messaging Guide (Standard)

This document applies to Cisco Unified Communications Manager Release 7.1(3).

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Preface

This document is an addendum and describes the major interface changes to Cisco Unified Communications Manager (Unified CM) Session Initiation Protocol (SIP) line side devices that were introduced between Unified CM 7.0 and 7.1(3).

Note This chapter describes the new features and callflows added to Unfied CM 7.1(3). Since no new SIP Line (Std) feature is released with Cisco Unified CM 7.1(3); it is recommended that you view the complete list of exisitng SIP basic call flows from *SIP Line Messaging Guide (Standard) for Release 7.0(1)* and *SIP Line Messaging Guide (Standard) for Release 7.1(2)* from: http://www.cisco.com/en/US/products/sw/voicesw/ps556/products_programming_reference_guides_list.html

The preface covers these topics:

- Audience
- Organization
- Conventions
- Obtaining Documentation, Obtaining Support, and Security Guidelines

Audience

This document provides information for developers, vendors, and customers who are developing applications or products that integrate with Cisco Unified Communications Manager using SIP messaging.

Organization

This document consists of the following two chapters.

Chapter	Description
Chapter 1, "SIP Standard Line Interface"	Provides an overview of SIP line messages, new and changed information and standard features scenarios including sequence chart and example of call lfows added in this release.

Conventions

This document uses the following conventions:

Convention	Description
boldface font	Commands and keywords are in **boldface**.
italic font	Arguments for which you supply values are in *italics*.
[ ]	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 `screen` font.
`boldface screen` font	Information you must enter is in **`boldface screen`** font.
italic screen font	Arguments for which you supply values are in *italic screen* font.
→	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.

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

Tip Means *the following information might help you solve a proble*m.

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

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

CHAPTER 1

SIP Standard Line Interface

This chapter describes the external interface for Cisco Unified CM SIP line-side devices. It highlights SIP primitives that are supported on the line-side interface and describes call flow scenarios that can be used as a guide for technical support and future development.

This guide is applicable to CiscoUnified CM 7.1(3) and covers only those elements that have changed/newly added from the previous version (Cisco Unified CM 7.0).

Note This chapter describes the new features and callflows added to Unfied CM 7.1(3). Since no new SIP Line (Std) feature is released with Cisco Unified CM 7.1(3); it is recommended that you view the complete list of exisitng SIP basic call flows from *SIP Line Messaging Guide (Standard) for Release 7.0(1)* and *SIP Line Messaging Guide (Standard) for Release 7.1(2)* from: http://www.cisco.com/en/US/products/sw/voicesw/ps556/products_programming_reference_guides_list.html

This chapter includes these sections:

- New and Changed Information, page 1-1

New and Changed Information

This release of Unified CM 7.1(3) does not introduce any new features to the SIP Standard Line Interface.