



CHAPTER 2

New and Changed Information

This chapter describes new and changed Cisco Unified TAPI Service Provider (TSP) information for Cisco Unified Communications Manager release 9.1(1) and features supported in the previous releases. This chapter contains the following sections:

- [Cisco Unified Communications Manager Release 9.1\(1\), page 2-1](#)
- [Features Supported in Previous Releases, page 2-1](#)

Refer to the programming guides Web site for prior Cisco TAPI Developer Guides at http://www.cisco.com/en/US/products/sw/voicesw/ps556/products_programming_reference_guides_list.html.

Cisco Unified Communications Manager Release 9.1(1)

This section describes the new and changed features that are supported in Cisco Unified Communications Manager Release 9.1(1) and contains the following topics:

- [CTI Remote Device, page 3-11](#)

Features Supported in Previous Releases

This section describes the features supported in the releases prior to 9.0(1) and contains the following sections:

- [Cisco Unified Communications Manager Release 9.0\(1\), page 2-2](#)
- [Cisco Unified Communications Manager Release 8.6\(1\), page 2-2](#)
- [Cisco Unified Communications Manager Release 8.5\(1\), page 2-2](#)
- [Cisco Unified Communications Manager Release 8.0\(1\), page 2-3](#)
- [Cisco Unified Communications Manager Release 7.1\(3\), page 2-3](#)
- [Cisco Unified Communications Manager Release 7.1\(2\), page 2-3](#)
- [Cisco Unified Communications Manager Release 7.0\(1\), page 2-4](#)
- [Cisco Unified Communications Manager Release 6.1\(x\), page 2-4](#)
- [Cisco Unified Communications Manager Release 6.0\(1\), page 2-4](#)
- [Cisco Unified Communications Manager Release 5.1, page 2-5](#)

- [Cisco Unified Communications Manager Release 5.0, page 2-5](#)
- [Cisco Unified Communications Manager Release 4.x, page 2-5](#)
- [Cisco Unified Communications Manager Releases Prior to 4.x, page 2-6](#)

Cisco Unified Communications Manager Release 9.0(1)

This section describes new and changed features that are supported in Cisco Unified Communications Manager Release 9.0(1) and contains the following topics:

- [Call Recording, page 3-52](#)
- [CIUS Session Persistency, page 3-8](#)
- [CTI Remote Device, page 3-11](#)
- [URI Dialing, page 3-61](#)

Cisco Unified Communications Manager Release 8.6(1)

This section describes new and changed features that are supported in Cisco Unified Communications Manager Release 8.6(1) and contains the following topics:

- [EnergyWise DeepSleep Mode Support, page 3-23](#)
- [FIPS Compliance, page 3-28](#)
- [Password Expiry Notification, page 3-41](#)

Cisco Unified Communications Manager Release 8.5(1)

This section describes new and changed features that are supported in Cisco Unified Communications Manager Release 8.5(1) and contains the following topics:

- [Agent Greeting, page 3-1](#)
- [Agent Zip Tone, page 3-2](#)
- [Early Offer, page 3-16](#)
- [Extension Mobility Memory Optimization Option, page 3-26](#)
- [Other-Device State Notification, page 3-39](#)
- [Unrestricted Unified CM, page 3-60](#)
- [Whisper Coaching, page 3-61](#)

**Note**

Cisco announces the end-of- Availability for Cisco TAPI Wave Driver. The last release that includes the affected product(s) is Unified Communication Manager Release 8.X. Unified Communication Manager 9.0(1) and later does not include Cisco TAPI Wave Driver.

Develop Partners are encouraged to adopt support for Cisco TAPI Media Driver introduced in Unified Communication Manager 8.0(1) (released March 2010), which provides like or better functionality. Information for Cisco TAPI Media Driver can be found in the TAPI Developer Guides at the following location:

http://www.cisco.com/en/US/partner/products/sw/voicesw/ps556/products_programming_reference_guides_list.html

Cisco Unified Communications Manager Release 8.0(1)

This section describes new and changed features that are supported in Cisco Unified Communications Manager Release 8.0(1) and contains the following topics:

- [Call Control Discovery, page 3-4](#)
- [Call Pickup, page 3-5](#)
- [CallFwdAll Notification, page 3-7](#)
- [End-to-End Call Trace, page 3-23](#)
- [Extension Mobility Cross Cluster, page 3-25](#)
- [External Call Control, page 3-27](#)
- [Hunt List, page 3-29](#)
- [New Cisco Media Driver, page 3-37](#)
- [Secured Monitoring and Recording, page 3-49](#)
- [Support for 100 + Directory Numbers, page 3-58](#)

Cisco Unified Communications Manager Release 7.1(3)

This section describes new and changed features that are supported in Cisco Unified Communications Manager Release 7.1(3) and contains the following topics:

- [Support for Cisco Unified IP Phone 6900 and 9900 Series, page 3-55](#)

Cisco Unified Communications Manager Release 7.1(2)

This section describes new and changed features that are supported in Cisco Unified Communications Manager Release 7.1(2) and contains the following topics:

- [IPv6, page 3-32](#)
- [Direct Transfer Across Lines, page 3-13](#)
- [Message Waiting Indicator Enhancement, page 3-36](#)
- [Swap and Cancel Softkey, page 3-58](#)
- [Drop-Any-Party, page 3-16](#)
- [Park Monitoring, page 3-40](#)
- [Logical Partitioning, page 3-35](#)
- [Support for Cisco Unified IP Phone 6900 and 9900 Series, page 3-55](#)
- [Device State Server, page 3-12](#)

Cisco Unified Communications Manager Release 7.0(1)

This section describes new and changed features supported in Cisco Unified Communications Manager Release 7.0(1) and contains the following:

- [Join Across Lines \(SIP\)](#), page 3-34
- [Localization Infrastructure Changes](#), page 3-35
- [Secure Conference](#), page 3-45
- [Calling Party Normalization](#), page 3-5
- [Click to Conference](#), page 3-9
- [Microsoft Windows Vista](#), page 3-36

**Note**

For the features, Join Across Lines, Do Not Disturb-Reject, and Calling Party Normalization, each TAPI application must be upgraded to a version that is compatible with these features. Additionally, if you are upgrading from Release 5.1 and you use Join Across Lines, the Conference Chaining feature must not be enabled or used until all applications are either upgraded to a version compatible with the new CUCM version. Also, you should verify that the applications are not impacted by the Conference Chaining feature.

Cisco Unified Communications Manager Release 6.1(x)

This section describes new and changed features that Cisco Unified Communications Manager Release 6.1(x) supports and contains the following topic:

- [Join Across Lines \(SCCP\)](#), page 3-33

Cisco Unified Communications Manager Release 6.0(1)

This section describes new and changed features that are supported in Cisco Unified Communications Manager Release 6.0(1), and contains the following topics:

- [Intercom](#), page 3-30
- [Secure Conference](#), page 3-45
- [Do Not Disturb](#), page 3-14
- [Conference Enhancements](#), page 3-9
- [Arabic and Hebrew Language](#), page 3-4
- [Additional Features Supported on SIP Phones](#), page 3-1
- [Silent Monitoring](#), page 3-51
- [Call Recording](#), page 3-52
- [Calling Party IP Address](#), page 3-4

Cisco Unified Communications Manager Release 5.1

This section describes new and changed features supported in Cisco Unified Communications Manager, Release 5.1 and contains the following topics:

- [Partition](#), page 3-41
- [Alternate Script](#), page 3-3
- [Secure RTP](#), page 3-45
- [Unicode](#), page 3-60
- [Refer and Replaces for Phones that are Running SIP](#), page 3-44
- [SIP URL Address](#), page 3-53
- [Unicode](#), page 3-60
- [Unicode](#), page 3-60
- [Unicode](#), page 3-60
- [Unicode](#), page 3-60

Cisco Unified Communications Manager Release 5.0

This section describes new and changed features that are supported in Cisco Unified Communications Manager, Release 5.0, and contains the following topics:

- [Unicode](#), page 3-60
- [Line-Side Phones That Run SIP](#), page 3-34

Cisco Unified Communications Manager Release 4.x

This section describes new and changed features that are supported in Cisco Unified Communications Manager, Release 4.x, and contains the following topics:

Release 4.0

- [Redirect and Blind Transfer](#), page 3-43
- [Direct Transfer](#), page 3-13
- [Join](#), page 3-32
- [Set the Original Called Party upon Redirect](#), page 3-50
- [Cisco Unified TSP Auto Update](#), page 3-7
- [Shared Line Appearance](#), page 3-50
- [Shared Line Appearance](#), page 3-50
- [XSI Object Pass Through](#), page 3-64

Release 4.1

- [Forced Authorization Code and Client Matter Code](#), page 3-28
- [CTI Port Third-Party Monitoring Port](#), page 3-10
- [Translation Pattern](#), page 3-59

- [Hold Reversion, page 3-29](#)

Cisco Unified Communications Manager Releases Prior to 4.x

The chapter includes the following list of all features that are available in the Cisco Unified TSP implementation of Cisco Unified Communications Manager, prior to Release 4.x:

- [Forwarding, page 3-29](#)
- [Extension Mobility, page 3-25](#)
- [Privacy Release, page 3-43](#)
- [Join, page 3-32](#)
- [Privacy Release, page 3-43](#)
- [Barge and cBarge, page 3-4](#)
- [XSI Object Pass Through, page 3-64](#)
- [Silent Install, page 3-51](#)