

Cisco IOS Software Release 12.2(13)ZP Supporting the Cisco Catalyst 6500 Series and Cisco 7600 Series Communication Media Module and VoIP Gateway Features

Introduction

This product bulletin describes the content and delivery information about Cisco IOS® Software Release 12.2(13)ZP. This release focuses on the Cisco® Catalyst® 6500 Series and Cisco 7600 Series platform. Cisco IOS 12.2(13)ZP, an early deployment release parented to 12.2(13)T, supports the Cisco Catalyst 6500 and Cisco 7600 Communication Media Module (CMM) line card. This release introduces Cisco IOS support for two new port adapters: a conferencing and transcoding port adapter and a 24-port foreign-exchange-station (FXS) port adapter. The new Cisco IOS Software release supports all of the currently supported features in 12.2(13)ZC and earlier releases.

Features in Cisco IOS Release 12.2(13)ZP

The following features are supported on the Cisco CMM in Release 12.2(13)ZP:

- Conferencing and transcoding port adapter
- Twenty-four-port FXS port adapter

Detailed Information

Conferencing and Transcoding Port Adapter

The Cisco CMM line card can provide conferencing and transcoding services using the WS-SVC-CMM-ACT

digital-signal-processor (DSP) port adapter(s). Conference resources can now be resourced in distributed locations, including the remote branches, within the network. The conferencing and transcoding port adapter enables temporary [OR unplanned OR special] conferencing and transcoding services with Cisco CallManager. Through the transcoding capabilities, the new conferencing and transcoding port adapter allows endpoints supporting differing codecs to communicate and can also help minimize the bandwidth impact of calls across the WAN by transcoding G.711 calls to compressed codecs such as G.729 or G.723. Combining the features of conferencing and transcoding allows multiple endpoints supporting differing codecs to participate in the same conference session.

Twenty-Four-Port FXS Port Adapter

The Cisco CMM now supports 24-port FXS port adapters for both Media Gateway Control Protocol (MGCP) and H.323. The analog FXS port adapter provides enterprises with the ability to connect traditional analog telephony equipment such as phones, speaker phones, and faxes to Cisco Catalyst 6500 switches. Providing traditional analog devices with access simplifies migration to a fully converged multiservice network while extending the useful life and thus maximizing the return on investment (ROI) of these devices.

Support

Cisco IOS Software Release 12.2(13)ZP follows the standard Cisco support policy as indicated in the following link:

<http://www.cisco.com/warp/public/437/27.html>

Product Numbers

Table 1 gives product numbers for the Cisco Catalyst 6500 and Cisco 7600 CMM line card.

Platform	Software Feature	Product Code	Image	Flash	Synchronous Dynamic RAM (SDRAM)
Cisco CMM	MGCP/H323 voice-over-IP (VoIP) gateway	S6CMVG3-12213ZP	wscmm-i6s-mz.122-13.zp	32MB	256MB

Download Information

Customers can download Cisco IOS Release 12.2(13)ZP Software from Cisco.com in the software image library.

<http://www.cisco.com/public/sw-center/sw-ios.shtml>



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