



Cisco IOS Early Deployment Release 12.2(14)SZ

This Product Bulletin describes the content and delivery information concerning Cisco IOS[®] software release 12.2(14)SZ on the Cisco[®] 7300 Series Router. For more information about the Cisco IOS software release process, please see Product Bulletin #537 at:

http://www.cisco.com/warp/public/cc/pd/iosw/iore/prodlit/537_pp.htm

The Cisco 7300 Series routers are optimized for flexible, scalable, high-performance IP/MPLS services at the service provider and enterprise network edge. Providing powerful processing, a broad set of interfaces and a compact form factor, the Cisco 7300 Series routers are ideal for feature rich, multigigabit network applications.

The Cisco 7304 router is a mid-range, price/performance optimized router that utilizes a compact (4 Rack Unit), modular (4 slot) form factor. It delivers high-performance services in IP/MPLS networks and is optimized for the network edge where the service provider meets the enterprise. Targeted applications include service provider PE and IP edge router as well as service provider managed service customer premises equipment (CPE) or enterprise Internet gateway and enterprise WAN aggregation.

New Software Features in Cisco IOS Release 12.2(14)SZ

Detailed information about software features delivered in Cisco IOS Release 12.2(14)SZ is described in the respective release notes at:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios122/122relnt/7000/rn7000sz.htm>

Table 1 describes the new hardware features now available on the Cisco 7304 in Cisco IOS Release 12.2(14)SZ.

Table 1 Cisco IOS Release 12.2(14)SZ Hardware Features

Feature	Description
7304-NPE-G100	Cisco 7304 NPE-G100 Network Processing Engine
Cisco 7304 Phase 2 Port Adapter Support	Support for the following set of Cisco 7200 port adapters via the Cisco 7304 Port Adapter Carrier Card (7300-CC-PA): PA-4E, PA-8E, PA-4E1G-75, PA-4E1G-120, PA-4T+, PA-8T-232, PA-8T-V35, PA-8T-X21, PA-E3, PA-2E3, PA-T3, PA-2T3, PA-T3+, PA-2T3+, PA-A3-E3, PA-A3-T3, PA-A3-OC3-MM, PA-A3-OC3-SMI, PA-A3-OC3-SML, PA-FE-FX, PA-FE-TX, PA-2FE-FX, PA-2FE-TX, PA-GE, PA-H, PA-2H, PA-MC-2E1/120, PA-MC-8E1/120, PA-MC-8DSX1, PA-MC-2T1, PA-MC-4T1, PA-MC-8T1, PA-MC-8TE1+, PA-MC-E3, PA-MC-STM-1MM, PA-MC-STM-1SMI, PA-MC-T3, PA-MC-2T3+, PA-POS-OC3-MM, PA-POS-OC3-SMI, PA-POS-OC3-SML



Table 2 describes the software features now available in the PXF-switching path on the Cisco 7304 in Cisco IOS Release 12.2(14)SZ.

Table 2 Cisco IOS Release 12.2(14)SZ Software Features

Feature	Description
EoMPLS	EoMPLS technology leverages an existing MPLS backbone network to deliver transparent LAN Services (for example, TLS) based on Ethernet connectivity to the customer site.
VRF Select	VPN Routing/Forwarding Select allows the user to select the VRF to use based on source IP address.

Migration Guide

Release 12.2(14)SZ is parented off of Release 12.2S(RLS2). Table 3 below identifies the recommended migration path.

Table 3 Cisco IOS 12.2(14)SZ Migration Guide

Functionality in This Release	Will Be Available Next in
12.2(14)SZ	12.2S(RLS3)

Support

Cisco IOS software release 12.2(14)SZ follows the standard Cisco support policy as indicated in the following link:
http://www.cisco.com/en/US/products/products_end-of-life_policy.html

Product Numbers

Table 4 describes the available feature sets, product ordering codes, image names, and memory requirements for Cisco IOS software Release 12.2(14)SZ.

Table 4 Cisco IOS Release 12.2(14)SZ Feature Sets, Ordering Codes, and Memory Requirements

Software Product Description	Image Name	Product Code	Flash	DRAM
Cisco 7300 IOS ENTERPRISE	c7300-js-mz	S73A-12214SZ	64 MB	256 MB
Cisco 7300 IOS IP PLUS	c7300-is-mz	S73CP-12214SZ	64 MB	256 MB
Cisco 7300 IOS SERVICE PROVIDER	c7300-p-mz	S73Z-12214SZ	64 MB	256MB

Download Information

Customers can download Cisco IOS Release 12.2(14)SZ software from the Cisco Software Image Library:
<http://www.cisco.com/public/sw-center/sw-ios.shtml>



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