



Cisco IOS Early Deployment Release 12.1(12c)EX

Introduction

This Product Bulletin describes the content and delivery information concerning Cisco IOS® software release 12.1(12c)EX 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 Internet Router is designed for the network edge where high performance IP services are required to enable profitability, service differentiation, and business agility. Utilizing a compact, modular form factor, the Cisco 7300 delivers high-touch IP services at optical speeds necessary for applications such as the high-end enterprise, service provider edge, and managed service customer premise equipment (CPE).

New Software Features in Cisco IOS Release 12.1(12c)EX

Detailed information about software features delivered in Cisco IOS Release 12.1(12c)EX is described in the respective release notes at:

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

Table 1 describes the software features now available in the PXF-switching path on the Cisco 7304 in Cisco IOS Release 12.1(12c)EX.

Table 1 Cisco IOS Release 12.1(12c)EX Software Features

Feature	Description
MPLS and MPLS VPN	Multiprotocol Label Switching (MPLS) and MPLS VPN are now available in the PXF-switching path on the Cisco 7304 router. Cisco IOS® MPLS fuses the intelligence of routing with the performance of switching by labeling traffic and using the labels to forward traffic across MPLS domains. MPLS provides significant benefits to networks with a pure IP architecture as well as those with IP and ATM or a mix of other Layer 2 technologies.
NAT	Network Address Translation (NAT) is now available in the PXF-switching path on the Cisco 7304 router. NAT provides a mechanism for a privately addressed network to access registered networks, such as the Internet, without requiring a registered subnet address.

Support

Cisco IOS software release 12.1(12c)EX follows the standard Cisco support policy as indicated in the following link:

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

Product Numbers

Table 2 describes the available feature sets, product ordering codes, image names, and memory requirements for Cisco IOS software release 12.1(12c)EX.

Table 2 Cisco IOS Release 12.1(12c)EX Feature Sets, Ordering Codes, and Memory Requirements

Software Product Description	Image Name	Product Code	Flash	DRAM
Cisco 7300 IOS IP/FW/IDS IPSEC 3DES	c7300-ik2o3s-mz	S73CHK2-12112EX	64 MB	128 MB
Cisco 7300 IOS IP/FW/IDS IPSEC 56	c7300-io3s56i-mz	S73CHL-12112EX	64 MB	128 MB
Cisco 7300 IOS IP Plus	c7300-is-mz	S73CP-12112EX	64 MB	128 MB
Cisco 7300 IOS Enterprise/FW/IDS IPSEC 3DES	c7300-jk2o3s-mz	S73AHK2-12112EX	64 MB	128 MB
Cisco 7300 IOS Enterprise/FW/IDS IPSEC 56	c7300-jo3s56i-mz	S73AHL-12112EX	64 MB	128 MB
Cisco 7300 IOS Enterprise	c7300-js-mz	S73A-12112EX	64 MB	128 MB
Cisco 7300 IOS ENTERPRISE/SNASW PLUS	c7300-a3js-mz	S73AR1P-12112EX	64 MB	128 MB

Download Information

Customers can download Cisco IOS Release 12.1(12c)EX software from Cisco Connection Online (CCO) in the Software Image Library:

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



Corporate Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters
Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: 31 0 20 357 1000
Fax: 31 0 20 357 1100

Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems, Inc.
Capital Tower
168 Robinson Road
#22-01 to #29-01
Singapore 068912
www.cisco.com
Tel: +65 317 7777
Fax: +65 317 7799

Cisco Systems has more than 200 offices in the following countries and regions. Addresses, phone numbers, and fax numbers are listed on the

Cisco Web site at www.cisco.com/go/offices

Argentina • Australia • Austria • Belgium • Brazil • Bulgaria • Canada • Chile • China PRC • Colombia • Costa Rica • Croatia
Czech Republic • Denmark • Dubai, UAE • Finland • France • Germany • Greece • Hong Kong SAR • Hungary • India • Indonesia • Ireland
Israel • Italy • Japan • Korea • Luxembourg • Malaysia • Mexico • The Netherlands • New Zealand • Norway • Peru • Philippines • Poland
Portugal • Puerto Rico • Romania • Russia • Saudi Arabia • Scotland • Singapore • Slovakia • Slovenia • South Africa • Spain • Sweden
Switzerland • Taiwan • Thailand • Turkey • Ukraine • United Kingdom • United States • Venezuela • Vietnam • Zimbabwe

All contents are Copyright © 1992-2002, Cisco Systems, Inc. All rights reserved. CCIP, the Cisco Arrow logo, the Cisco Powered Network mark, the Cisco Systems Verified logo, Cisco Unity, Follow Me Browsing, FormShare, Internet Quotient, iQ Breakthrough, iQ Expertise, iQ FastTrack, the iQ logo, iQ Net Readiness Scorecard, Networking Academy, ScriptShare, SMARTnet, TransPath, and Voice LAN are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn, Discover All That's Possible, The Fastest Way to Increase Your Internet Quotient, and iQuick Study are service marks of Cisco Systems, Inc.; and Aironet, ASIST, BPX, Catalyst, CCDA, CCDP, CCIE, CCNA, CCNP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, the Cisco IOS logo, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Empowering the Internet Generation, Enterprise/Solver, EtherChannel, EtherSwitch, Fast Step, GigaStack, IOS, IP/TV, LightStream, MGX, MICA, the Networkers logo, Network Registrar, Packet, PIX, Post-Routing, Pre-Routing, RateMUX, Registrar, SlideCast, StrataView Plus, Stratm, SwitchProbe, TeleRouter, and VCO are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries.

All other trademarks mentioned in this document or Web site are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company.
(0206R) LW3585 0902