

Cisco 7200 and 7500 Series Routers Software Feature Licenses



Introduction

Cisco IOS Software on the 7200 and 7500 Series Routers offers three distinctly different types of software licensing: Cisco IOS Software Licenses, Cisco IOS Software Feature Licenses, and Cisco IOS Feature Upgrade Licenses. This document describes the recent changes made to Cisco IOS Software Feature Licenses on the Cisco 7200 and Cisco 7500 Series routers that add more value and functionality.

Cisco IOS Software Feature Licenses

In some cases, additional value-added functionality is provided in software images but are not covered by the “base” Cisco IOS Software License. The right to use these features is offered through a feature license (Cisco IOS Software Feature License). For example, in order to use NetFlow Switching on a Cisco 7200 Series, the WAN Packet Protocol/NetFlow feature license (product code: FR-WPP72) is required.

It is important to understand that a feature license conveys the *right* to use a feature, but cannot *add* a particular feature to a software release that does not support it. For instance, purchasing the WAN Packet Protocols/NetFlow license for software Release 11.0 will not *upgrade* the software to support NetFlow. Choose a software release that supports all required features, then choose any necessary feature licenses.

Interdomain Routing/MPLS Feature License

The Interdomain Routing/MPLS feature license (formerly named Interdomain Routing/Tag Switching) has recently been modified to include MPLS support. To increase functionality and offer better value, several features originally supported by this license are now supported by the WAN Packet Protocol/NetFlow feature license, and other features no longer require a feature license. Table 1 summarizes the changes made to this feature license.

Table 1 Former and Current Features Supported Under the Interdomain Routing/Tag Switching Feature License

Features	Feature License Required To Use Feature
BGP	Feature license no longer required.
BGP4	Feature license no longer required.
EGP for Internet Scale Routing	Feature license no longer required.
CIP Support	Now supported by the WAN Packet Protocol/NetFlow feature license.
SNA Support	Now supported by the WAN Packet Protocol/NetFlow feature license.
TCP/IP Offload	Now supported by the WAN Packet Protocol/NetFlow feature license.
Tag Switching/MPLS	Remains supported under the Interdomain Routing/MPLS Feature License



WAN Packet Protocol/NetFlow Feature License

The WAN Packet Protocol/NetFlow feature license has also been modified to provide more value-added functionality. Table 2 summarizes the changes made to this feature license.

Table 2 Former and Current Features Supported by the WAN Packet Protocol/NetFlow Feature License

Features	Feature License Required to Use Feature
ATM DXI	Still supported by the WAN Packet Protocol/NetFlow feature license.
Frame Relay Switching	Feature license no longer required.
Frame Relay SVC Support (DTE)	Feature license no longer required.
Frame Relay Traffic Shaping	Feature license no longer required.
SMDS Over ATM	Still supported by the WAN Packet Protocol/NetFlow feature license.
X.25 Switching	Still supported by the WAN Packet Protocol/NetFlow feature license.
NetFlow Switching	Still supported by the WAN Packet Protocol/NetFlow feature license.
CIP Support	Recently supported by the WAN Packet Protocol/NetFlow feature license.
SNA Support	Recently supported by the WAN Packet Protocol/NetFlow feature license.
TCP/IP Offload	Recently supported by the WAN Packet Protocol/NetFlow feature license.

Additional Information

For additional information on feature licences and other software licensing offered by the 7200 and 7500 Series routers, review Product Bulletin #965 at http://www.cisco.com/warp/public/cc/pd/rt/platform/prodlit/965_pp.htm

Please send inquiries concerning this document to the 7200 or 7500 customer service alias (cs-7200@cisco.com and cs-7500@cisco.com).

**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 Europe
11, Rue Camille Desmoulins
92782 Issy-les-Moulineaux
Cedex 9
France
www-europe.cisco.com
Tel: 33 1 58 04 60 00
Fax: 33 1 58 04 61 00

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 Australia, Pty., Ltd
Level 9, 80 Pacific Highway
P.O. Box 469
North Sydney
NSW 2060 Australia
www.cisco.com
Tel: +61 2 8448 7100
Fax: +61 2 9957 4350

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 © 1992–2001 Cisco Systems, Inc. All rights reserved. AccessPath, AtmDirector, Browse with Me, CCIP, CCSI, CD-PAC, *CiscoLink*, the Cisco *Powered Network* logo, Cisco Systems Networking Academy, the Cisco Systems Networking Academy logo, Fast Step, Follow Me Browsing, FormShare, FrameShare, GigaStack, IGX, Internet Quotient, IP/VC, iQ Breakthrough, iQ Expertise, iQ FastTrack, the iQ logo, iQ Net Readiness Scorecard, MGX, the Networkers logo, *Packet*, RateMUX, ScriptBuilder, ScriptShare, SlideCast, SMARTnet, TransPath, Unity, Voice LAN, Wavelength Router, and WebViewer are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn, Discover All That's Possible, and Empowering the Internet Generation, 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, Enterprise/Solver, EtherChannel, EtherSwitch, FastHub, FastSwitch, IOS, IP/TV, LightStream, MICA, Network Registrar, PIX, Post-Routing, Pre-Routing, Registrar, 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. (0108R)