

IOS Product Bulletin - Public #366



RFCs Supported in Cisco IOS(tm) Release 11.0

December 12, 1995

This product bulletin lists all the RFCs (Request For Comments) supported by Cisco IOS Release 11.0. This bulletin indicates all RFCs currently supported in descending order.

For more information regarding a particular RFC, you can login to either diablo or talus and set your default directory to /rfc/RFC (i.e. cd/rfc/RFC). In the /rfc/RFC directory, you will find detailed references for all RFCs.

The full text for each RFC may also be obtained from the World Wide Web at:

<http://www.internic.net/>

The information in the following list will be updated on a regular basis synchronous with each major Cisco IOS software release. Any questions you have about this document may be sent to delgadil@cisco.com.

RFCs Supported in Cisco IOS Release 11.0

Standard Numbers and Titles for RFCs Supported in Cisco IOS Release 11.0

Standard Number	Standard Title
RFC 1795 (obsoletes RFC 1434)	Data Link Switching: Switch-to-Switch Protocol AIW DLSw RIG: DLSw Closed Pages, DLSw Standard Version 1.0
RFC 1793 (Point-to-Multipoint interface support only)	Extending OSPF to Support Demand Circuits
RFC 1755	ATM Signaling Support for IP over ATM
RFC 1717 (introduced in 11.0(3))	The PPP Multilink Protocol (MP)
RFC 1662 (bit-oriented/async only)	PPP in HDLC-like Framing
RFC 1661	PPP (Point to Point Protocol)
RFC 1654	A Border Gateway Protocol (BGP-4)
RFC 1634 (supersedes 1362 and 1551)	Novell Routing over Various WAN Media (IPXWAN)
RFC 1593	SNA APPN Node MIB
RFC 1583	OSPF Version 2
RFC 1577	Classical IP and ARP over ATM
RFC 1573	Evolution of the Interfaces Group of MIB-II
RFC 1570	PPP LCP Extensions
RFC 1552	The PPP Internetwork Packet Exchange Control Protocol (IPXCP)
RFC 1549	PPP in HDLC Framing
RFC 1548	The Point-to-Point Protocol (PPP)

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Standard Number	Standard Title
RFC 1542	Clarifications and Extensions for the Bootstrap Protocol
RFC 1541	Dynamic Host Configuration Protocol
RFC 1519	Classless Inter-Domain Routing(CIDR): an Address Assignment and Aggregation Strategy
RFC 1512 (supercedes RFC 1285)	FDDI Management Information Base
RFC 1497 (BOOTP network mask vendor extension)	BOOTP Vendor Extensions
RFC 1493 (supercedes RFC 1286, 9.21 forward)	Definitions of Managed Objects for Bridges
RFC 1492	Access Control Protocol or TACACS
RFC 1490	Multiprotocol Interconnect over Frame Relay
RFC 1483	Multiprotocol Encapsulation over ATM Adaptation Layer 5
RFC 1450	MIB for SNMP version 2
RFC 1449	Transport Mappings for version 2 of the Simple Network Management Protocol (SNMPv2)
RFC 1448	Protocol Operations for version 2 of the Simple Network Management Protocol (SNMPv2)
RFC 1447	Party MIB for version 2 of the Simple Network Management Protocol (SNMPv2)
RFC 1446	Security Protocols for version 2 of the Simple Network Management Protocol (SNMPv2)
RFC 1445	Administrative Model for version 2 of the Simple Network Management Protocol (SNMPv2)
RFC 1444	Conformance Statements for version 2 of the Simple Network Management Protocol (SNMPv2)
RFC 1406	Definitions of Managed Objects for the DS1 and E1 Interface Types
RFC 1403	BGP OSPF Interaction
RFC 1397	Default Route Advertisement in BGP2 and BGP3
RFC 1395	BootP Extensions
RFC 1390	Transmission of IP and ARP over FDDI Networks
RFC 1382 (9.21 forward, partial support)	SNMP MIB Extension for X.25 Packet Layer
RFC 1381 (9.21 forward, partial support)	SNMP MIB Extension for X.25 LAPB
RFC 1378 (partial support)	PPP AppleTalk Control Protocol(ATCP)
RFC 1377	PPP OSI Network Layer Control Protocol(OSINLCP)
RFC 1376	PPP DECnet Phase IV Control Protocol(DNCP)
RFC 1356 (supercedes RFC 877)	Multiprotocol Interconnect on X.25 and ISDN in the Packet Mode

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Standard Number	Standard Title
RFC 1350	TFTP Version 2
RFC 1348	DNS NSAP RRs
RFC 1334	PPP Authentication Protocols
RFC 1333	PPP Link Quality Monitoring
RFC 1332	PPP Internet Protocol Control Protocol(IPCP)
RFC 1331 (replaced by RFC 1548)	PPP for the Transmission of Multi-protocol Datagrams over Point-to-Point Links
RFC 1321	The MD5 Message-Digest Algorithm
RFC 1317	Definitions of Managed Objects for RS-232-like Hardware Devices
RFC 1315 (9.21 forward, partial support)	MIB for Frame Relay DTE's
RFC 1305	Network Time Protocol (NTP) Version 3
RFC 1294 (9.21 forward, replaced by RFC 1490)	Multiprotocol Interconnect over Frame Relay
RFC 1293 (9.21 forward)	Inverse ARP
RFC 1286	Definitions of Managed Objects for Bridges
RFC 1285 (partial support)	FDDI MIB
RFC 1269 (partial support)	Definitions of Managed Objects for the Border Gateway Protocol (Version 3)
RFC 1268	Application of BGP in the Internet
RFC 1267	BGP-3
RFC 1256	ICMP Router Discovery Messages
RFC 1253	MIB for OSPF Version 2
RFC 1247 (replaced by RFC 1583)	OSPF Version 2
RFC 1243	AppleTalk Management Information Base
RFC 1236	IP to X.121 address mapping for DDN
RFC 1231 (partial support)	IEEE 802.5 Token Ring MIB
RFC 1220	Point-to-Point Protocol (PPP) extensions for bridging
RFC 1215	Convention for Defining Traps for use with SNMP
RFC 1213	Management Information Base for network management of TCP/IP-based internets: MIB-II
RFC 1212	Concise MIB definitions.
RFC 1209	Transmission of IP Datagrams over SMDS Service
RFC 1209	Transmission of IP Datagrams over SMDS Service
RFC 1196	Finger User Information Protocol

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Standard Number	Standard Title
RFC 1195 (9.21 forward)	Use of OSI IS-IS for routing in TCP/IP in dual environments
RFC 1191	Path MTU discovery
RFC 1188 (replaced by RFC 1390)	Proposed standard for the transmission of IP datagrams over FDDI networks
RFC 1172	PPP Initial Configuration Options
RFC 1171 (replaced by RFC 1331)	Point-to-Point Protocol for the transmission of multi-protocol datagrams over Point-to-Point links
RFC 1166	Internet numbers
RFC 1164	Application of the BGP in the Internet
RFC 1163	Border Gateway Protocol (BGP)
RFC 1157	Simple Network Management Protocol (SNMP)
RFC 1156 (replaced by RFC 1213)	MIB for TCP/IP
RFC 1155 (replaced by RFC 1212)	Structure and identification of management information for TCP/IP-based internets
RFC 1144	Compressing TCP/IP headers for low-speed serial links
RFC 1141	Incremental updating of the Internet checksum
RFC 1139	Echo function for ISO 8473 (PING)
RFC 1136	Administrative Domains and Routing Domains: A model for routing in the Internet
RFC 1122	Requirements for Internet Hosts- Communication Layers
RFC 1108 (DCA Draft)	IP Security Option (IPSO)
RFC 1101	DNS encoding of network names and other types
RFC 1091	Telnet terminal-type option
RFC 1084	BootP Extensions
RFC 1080	Telnet remote flow control option
RFC 1079	Telnet terminal speed option
RFC 1070 (9.21 forward)	Use of the Internet as a subnetwork for experimentation with the OSI network layer
RFC 1069	Guidelines for the use of Internet-IP addresses in the ISO Connectionless-mode Network Protocol
RFC 1060	Assigned numbers
RFC 1058	Routing Information Protocol (RIP)
RFC 1055	Standard for the transmission of IP datagrams over serial lines: SLIP
RFC 1042	Standard for the transmission of IP datagrams over IEEE 802 networks
RFC 1035	Domain names - implementation and specification

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Standard Number	Standard Title
RFC 1034	Domain names - concepts and facilities
RFC 1027	Using ARP to implement transparent subnet gateways (Proxy ARP)
RFC 1009	Requirements for Internet gateways
RFC 995 (replaced by ISO 9542)	ES-to-IS Routing Exchange Protocol for use in conjunction with ISO 8473
RFC 994 (replaced by ISO 8473)	Protocol for Providing the Connectionless-mode Network Service
RFC 982	Guidelines for the specification of the top of the structure of the Domain specific part (DSP) of the ISO standard NSAP address
RFC 951	Bootstrap Protocol (BootP)
RFC 950	Internet standard subnetting procedure
RFC 925	Multi-LAN address resolution (PROXY ARP)
RFC 922	Broadcasting Internet datagrams in the presence of subnets (IP_BROAD)
RFC 919	Broadcasting Internet datagrams
RFC 906	Bootstrap loading using TFTP
RFC 904	Exterior Gateway Protocol (EGP) formal specification
RFC 903	Reverse Address Resolution Protocol (RARP)
RFC 896	Congestion control in TCP/IP internetworks
RFC 894	Standard for the transmission of IP datagrams over Ethernet
RFC 891	Hello Protocol
RFC 879	The TCP Maximum Segment Size and Related Topics
RFC 877	Standard for the transmission of IP datagrams over public data networks
RFC 874	Telnet Protocol Specification
RFC 863	Discard Service (TCP discard)
RFC 862	Echo Service (TCP echo)
RFC 860	Telnet timing mark option
RFC 858	Telnet Suppress Go Ahead option
RFC 857	Telnet echo option
RFC 856	Telnet binary transmission
RFC 855	Telnet option specification
RFC 854 (MIL STD 1782)	Telnet Protocol Specification
RFC 827	Exterior Gateway Protocol (EGP)
RFC 826	Address Resolution Protocol (ARP)

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Standard Number	Standard Title
RFC 815	IP Datagram Reassembly Algorithms
RFC 813	Window and acknowledgment strategy in TCP/IP
RFC 793 (MIL STD 1778)	Transmission Control Protocol (TCP)
RFC 792	Internet Control Message Protocol (ICMP)
RFC 791 (MIL STD 1777)	Internetwork Protocol (IP)
RFC 783	Trivial File Transfer Protocol (TFTP) (version 2)
RFC 779	Telnet send-location option
RFC 768	User Datagram Protocol (UDP)



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

Europe
European Headquarters
Cisco Systems Europe s.a.r.l.
Parc Evolic - Batiment L2
16 avenue du Quebec
BP 706 Villebon
91961 Courtaboeuf Cedex
France
Tel: 33 1 6918 61 00
Fax: 33 1 6928 83 26

Austria
Cisco Systems Austria GmbH
World Trade Center
A-1300 Vienna Airport
Austria
Tel: 43 1 71110 6233
Fax: 43 1 71110 6017

Belgium
Cisco Systems Bruxelles
Complex Antares
71 avenue des Pleiades
1200 Brussels
Belgium
Tel: 32 2 778 42 00
Fax: 32 2 778 43 00

Denmark
Cisco Systems
Larsbojornsstraede 3
DK-1454 Copenhagen K
Denmark
Tel: 45 33 37 71 57
Fax: 45 33 37 71 53

Germany
Cisco Systems GmbH
Max-Planck-Strasse 7, 3rd Floor
85716 Unterschleissheim
Germany
Tel: 49 89 32 15070
Fax: 49 89 32 150710

Italy
Cisco Systems Italy Srl
Centro Direzionale Milano Oltre
Palazzo Raffaello Scala B 4P
Via Cassanese 224 20090
Segrate (MI)
Italy
Tel: 39 2 269 290 85
Fax: 39 2 269 290 06

The Netherlands
Cisco Systems
Stephensonweg 8
4207 HB Gorinchem
The Netherlands
Tel: 31 18 30 22988
Fax: 31 18 30 22404

Norway
Cisco Systems
Holmens Gate 4
N-0250 Oslo
Norway
Tel: 47 22 83 06 31
Fax: 47 22 83 22 12

South Africa
Cisco Systems South Africa
Prestige Business Center
Sloane Park 90 Grayston Drive
2152 Sandton
South Africa
Tel: 27 11 784 0414
Fax: 27 11 784 0519

Spain
Cisco Systems Spain
Avenida de Burgos
28036 Madrid
Spain
Tel: 34 1 383 2178
Fax: 34 1 383 8008

Sweden
Cisco Systems AB
Arstaangsvagen 13
11760 Stockholm
Sweden
Tel: 46 8 681 41 60
Fax: 46 8 19 04 24

Switzerland
Cisco Systems Switzerland
Grossrietstrasse 7
CH-8606 Naenikon/ZH
Switzerland
Tel: 41 1 905 20 50
Fax: 41 1 941 50 60

United Arab Emirates
Cisco Systems (Middle East)
Sheik Zayed Road
P.O. Box 26095
Dubai, UAE
Tel: 971 4 310 433
Fax: 971 4 313 681

United Kingdom
Cisco Systems Ltd.
4 New Square
Bedfont Lakes
Feltham, Middlesex TW14 8HA
UK
Tel: 44 1 81 818 1400
Fax: 44 1 81 893 2824

Intercontinental and Latin American Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
Tel: 408 526-7660
Fax: 408 526-4646

Asia
Cisco Systems (HK) Ltd
Suite 1009, Great Eagle Centre
23 Harbour Road
Wanchai, Hong Kong
Tel: 852 2583 9110
Fax: 852 2824 9528

Cisco Systems (HK) Ltd
Beijing Office
Room 821/822,
Jing Guang Center
Hu Jia Lou, Chao Yang Qu
Beijing 100020 PRC
Tel: 86 10 501 8888 x821
Fax: 86 10 501 4530

Cisco Systems (HK) Ltd
New Delhi Liaison Office
Suite 119, Hyatt Regency Delhi
Bhikaji Cama Place, Ring Road
New Delhi 110 066, India
Tel: 91 11 688 1234 x119
Fax: 91 11 611 7688

Cisco Systems, Indonesia
Level 12, Wisma Bank
Dharmala
Jl Jenderal Sudirman Kav. 28
Jakarta Selatan 12910, Indonesia
Tel: 62 21 523 9132
Fax: 62 21 523 9191

Cisco Systems Korea
Samik Ravidol Building
5th floor
720-2 Yuksam-2-dong,
Gangnam-ku
Seoul, 135-082, Korea
Tel: 82 2 3453 0850
Fax: 82 2 3453 0851

Cisco Systems (HK) Ltd
Kuala Lumpur Office
Level 5, Wisma Goldhill
67 Jalan Raja Chulan
50200 Kuala Lumpur, Malaysia
Tel: 60 3 236 5147
Fax: 60 3 236 5146

Cisco Systems (HK) Ltd
Singapore Office
Shell Tower, Level 37
50 Raffles Place
Singapore 0104
Tel: 65 320 8398
Fax: 65 320 8307

Cisco Systems (HK) Ltd
Taipei Office
4F, 25 Tunhua South Road,
Section 1
Taipei, Taiwan
Tel: 88 62 577 4352
Fax: 88 62 577 0248

Cisco Systems (HK) Ltd
Bangkok Office
23rd Floor, CP Tower
313 Silom Road
Bangkok 10500, Thailand
Tel: 66 2 231 8300
Fax: 66 2 231 8121

Argentina
Cisco Systems Argentina
Cerrito 1054, Piso 7
(1010) Buenos Aires, Argentina
Tel: 54 1 811 7526
Fax: 54 1 811 7495

Australia
Cisco Systems Australia Pty Ltd
Level 17
99 Walker Street
North Sydney NSW 2060
Australia
Tel: 61 2 9935 4200
Fax: 61 2 9957 4077

Brazil
Cisco Systems Do Brasil
Rua Helena 218, 10th Floor
Cj 1004-1005 Vila Olimpia
Sao Paulo, SP CEP 04552-050,
Brazil
Tel/Fax: 55 11 822-6095
Tel/Fax: 55 11 822-6396

Mexico
Cisco Systems de México,
S.A. de C.V.
Ave. Ejecito Nacional No. 926
3er Piso
Col. Polanco C.P. 11560
Mexico D.F.
Tel: 52 5 328 7600
Fax: 52 5 328 7699

New Zealand
Cisco Systems New Zealand
Level 16, ASB Bank Centre
135 Albert Street
P.O. Box 6624
Auckland, New Zealand
Tel: 64 9 358 3776
Fax: 64 9 358 4442

Japanese Headquarters
Nihon Cisco Systems K.K.
Seito Kaikan 4F
5, Sanbancho, Chiyoda-ku
Tokyo 102, Japan
Tel: 81 3 5211 2800
Fax: 81 3 5211 2810

North America
Canada
Cisco Systems Canada Limited
150 King Street West
Suite 1707
Toronto, Ontario M5H 1J9
Canada
Tel: 416 217-8000
Fax: 416 217-8099

United States
Central Operations
5800 Lombardo Center
Suite 152
Cleveland, OH 44131
Tel: 216 520-1720
Fax: 216 328-2102

Eastern Operations
1160 West Swedesford Road
Suite 100
Berwyn, PA 19312
Tel: 610 695-6000
Fax: 610 695-6006

Federal Operations
1875 Campus Commons Drive
Suite 305
Reston, VA 22091
Tel: 703 715-4000
Fax: 703 715-4004

Northeastern Operations
One Penn Plaza
Suite 3501
New York, NY 10119
Tel: 212 330-8500
Fax: 212 330-8505

Northern Operations
8009 34th Avenue South
Suite 1452
Bloomington, MN 55425
Tel: 612 851-8300
Fax: 612 851-8311

Service Provider Operations (Telecommunications)
111 Deerwood Road
Suite 200
San Ramon, CA 94583
Tel: 510 855-4800
Fax: 510 855-4896

Southwestern Operations
14160 Dallas Parkway
Suite 400
Dallas, TX 75248
Tel: 214 774-3300
Fax: 214 774-3333

Western Operations
2755 Campus Drive
Suite 205
San Mateo, CA 94403
Tel: 415 377-5600
Fax: 415 377-5699

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