



## References and Recommended Reading

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This appendix contains the following lists of publications related to networks and networking:

- Books and Periodicals
- Technical Publications

This appendix also contains a list of Cisco-Supported Requests-For-Comments (RFCs) for many features discussed in the *Configuration Fundamentals* books, and provides some Internet sources for obtaining the complete text of RFCs. See the following sections for details:

- Cisco-Supported RFCs
- Where and How to Get New RFCs
  - Primary Repositories
  - Secondary Repositories
  - Related MIBs

Lastly, this appendix contains a listing of ATM Forum, IEEE, Frame Relay, and CCITT standards supported by Cisco IOS in the following section:

- Other Supported Standards

## Books and Periodicals

Apple Computer, Inc. *AppleTalk Network System Overview*. Reading, Massachusetts: Addison-Wesley Publishing Company, Inc.; 1989.

Black, U. *Data Networks: Concepts, Theory and Practice*. Englewood Cliffs, New Jersey: Prentice Hall; 1989.

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## Cisco-Supported RFCs

This section lists IETF Requests for Comments (RFCs) supported by Cisco IOS. The “RFC Support for New or Expanded Features” section lists supported RFCs for features discussed in the *Cisco IOS Configuration Fundamentals Configuration Guide*. The table in the “All IOS Supported RFCs” section lists RFCs supported up to IOS Release 12.1.

## RFC Support for New or Expanded Features

The following sections contain lists of RFCs supported by Cisco IOS for new or expanded features discussed in the *Cisco IOS Configuration Fundamentals* books. For other new or expanded features, please see the appropriate book in the IOS Documentation Set.

The full text for the following RFCs may be obtained from the World Wide Web at:  
<http://www.rfc-editor.org/>.

### SNMPv3

- RFC 1901, Introduction to Community-Based SNMPv2. SNMPv2 Working Group.
- RFC 1902, Structure of Management Information for Version 2 of the Simple Network Management Protocol (SNMPv2). SNMPv2 Working Group.
- RFC 1903, Textual Conventions for Version 2 of the Simple Network Management Protocol (SNMPv2). SNMPv2 Working Group.

- RFC 1904, Conformance Statements for Version 2 of the Simple Network Management Protocol (SNMPv2). SNMPv2 Working Group.
- RFC 1905, Protocol Operations for Version 2 of the Simple Network Management Protocol (SNMPv2). SNMPv2 Working Group.
- RFC 1906, Transport Mappings for Version 2 of the Simple Network Management Protocol (SNMPv2).
- RFC 1907, Management Information Base for Version 2 of the Simple Network Management Protocol (SNMPv2). SNMPv2 Working Group.
- RFC 1908, Coexistence between Version 1 and Version 2 of the Internet-standard Network Management Framework. SNMPv2 Working Group.
- RFC 2104, Keyed Hashing for Message Authentication
- RFC 2206, Resources Reservation Protocol (RSVP) Management Information Base (MIB) Using SMIV2
- RFC 2213, Integrated Services (INTSRV) Management Information Base (MIB) Using SMIV2
- RFC 2214, Integrated Services Management Information Base (MIB) Guaranteed Service Extensions Using SMIV2
- RFC 2271, An Architecture for Describing SNMP Management Frameworks.
- RFC 2272, Message Processing and Dispatching for the Simple Network Management Protocol (SNMP).
- RFC 2273, SNMPv3 Applications.
- RFC 2274, User-Based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3).
- RFC 2275, View-Based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP).

Cisco no longer supports RFC 1447, “SNMPv2 Party MIB” (April 1993) or RFC 1450, “SNMPv2 MIB” (April 1993).

## HSRP

- RFC 2281, Cisco Hot Standby Router Protocol (HSRP)  
Cisco IOS 12.1 adds SNMP support using the following HSRP MIB tables:
  - cHsrpGrpEntry table (defined in CISCO-HSRP-MIB.my)
  - cHsrpExtIfTrackedEntry, cHsrpExtSecAddrEntry, and cHsrpExtIfEntry tables (defined in CISCO-HSRP-EXT-MIB.my)

The cHsrpGrpEntry table consists of all the group information defined in RFC 2281 (Cisco Hot Standby Router Protocol); the other tables consist of the Cisco extensions to RFC 2281, which are defined in CISCO-HSRP-EXT-MIB.my.

## RMON

- RFC 1757, Remote Network Monitoring Management Information Base

## All IOS Supported RFCs

The following table lists IETF RFCs supported by Cisco IOS software through releases 12.0, 12.0 S, and 12.0 T. It is arranged in reverse chronological order, beginning with the most recent standards supported. Note that, given the evolving nature of the standardization procedures, this document may not reflect specific drafts or revisions of particular standards. Questions of this nature or regarding standards not shown below should be directed to the appropriate Cisco IOS product marketing manager.

The full text for each RFC may be obtained from the World Wide Web at: <http://www.rfc-editor.org/>.

Standard Number	Title
RFC 2364	PPP over ATM AAL5
RFC 2332	NBMA Next Hop Resolution Protocol (NHRP)
RFC 2283	Multiprotocol Extensions for BGP-4
RFC 2328	OSPF Version 2
RFC 2281	Cisco Hot Standby Router Protocol (HSRP)
RFC 2275	View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP)
RFC 2274	User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3)
RFC 2273	SNMPv3 Applications
RFC 2272	Message Processing and Dispatching for the Simple Network Management Protocol (SNMP)
RFC 2271	An Architecture for Describing SNMP Management Frameworks
RFC 2236	Internet Group Management Protocol, Version 2
RFC 2206	RSVP Management Information Base Using SMIv2
RFC 2205	Resource ReSerVation Protocol (RSVP)
RFC 2166	DLSw + V2
RFC 2125	PPP Bandwidth Allocation Protocol (BAP) The PPP Bandwidth Allocation Control Protocol (BACP)
RFC 2127	ISDN Management Information Base Using SMIv2
RFC 2118	Microsoft Point-to-Point Compression (MPPC) Protocol
RFC 2117	Protocol Independent Multicast-Sparse Mode (PIM-SM) - Protocol Specification
RFC 2091	Triggered Extensions to RIP to Support Demand Circuits
RFC 2037	Entity MIB, Phase I
RFC 2024	DLSw + MIB Enhancements
RFC 2022	IP Multicast over ATM Point-to-Multipoint VCs
RFC 2018	TCP Selective Acknowledgment
RFC 2012	SNMP 2C
RFC 2006	The Definitions of Managed Objects for IP Mobility Support Using SMIv2
RFC 2003	IP Encapsulation within IP

Standard Number	Title
RFC 2002	IP Mobility Support
RFC 1997	BGP Communities Attribute
RFC 1974	LZS STAC Compression
RFC 1973	PPP in Frame Relay
RFC 1967	PPP LZS-DCP Compression Protocol (LZS-DCP)
RFC 1966	BGP Route Reflection
RFC 1962	The PPP Compression Control Protocol (CCP)
RFC 1918	Address Allocation for Private Internets
RFC 1829	The ESP DES-CBC Transform
RFC 1828	IP Authentication Using Keyed MD5
RFC 1827	IP Encapsulating Security Payload (ESP)
RFC 1826	IP Authentication Header
RFC 1825	Security Architecture for Internet Protocol
RFC 1812	Requirements for IP Version 4 Routers
RFC 1795 (makes RFC 1434 obsolete)	Data Link Switching(DLSw): Switch-to-Switch Protocol AIW DLSw RIG: DLSw Closed Pages, DLSw Version 1.0
RFC 1793	Extending OSPF to Support Demand Circuits
RFC 1771 (supersedes RFC 1654)	A Border Gateway Protocol (BGP-4)
RFC 1757 (supersedes RFC 1271)	Remote Network Monitoring (RMON) Management Information Base
RFC 1755	ATM Signaling Support for IP over ATM
RFC 1745	BGP4/IDRP for IP—OSPF Interaction
RFC 1724	RIP Version 2 MIB Extension
RFC 1723	RIP Version 2 Carrying Additional Information
RFC 1722	RIP Version 2 Protocol Applicability Statement
RFC 1717	The PPP Multilink Protocol (MP)
RFC 1701	Generic Route Encapsulation (GRE)
RFC 1702	Generic Routing Encapsulation over IPv4 networks
RFC 1695	Definitions of Management Objects for ATM Management Version 8.0 Using SMIV2
RFC 1662 (bit-oriented/async only)	PPP in HDLC-like Framing
RFC 1661	PPP (Point-to-Point Protocol)
RFC 1657	Definitions of Managed Objects for Version 4 of the Border Gateway Protocol (BGP-4) Using SMIV2
RFC 1647	TN3270 Enhancements
RFC 1646 (LU Name Selection only)	TN3270 Extensions for LUname and Printer Selection
RFC 1638	PPP Bridging Control Protocol (BCP)
RFC 1634 (supersedes 1362 and 1551)	Novell Routing over Various WAN Media (IPXWAN)

Standard Number	Title
RFC 1631	The IP Network Address Translator (NAT)
RFC 1619	PPP over SONET
RFC 1618	PPP over ISDN
RFC 1613	X.25 over TCP, XOT
RFC 1593	SNA APPN Node MIB
RFC 1587	The OSPF NSSA Option
RFC 1583 (supersedes 1247)	OSPF Version 2
RFC 1577	Classical IP and ARP over ATM
RFC 1576	TN3270 Current Practices
RFC 1573	Evolution of the Interfaces Group of MIB-II
RFC 1570	PPP LCP Extensions
RFC 1559	DECnet Phase IV MIB Extensions
RFC 1553	Compressing IPX Headers over WAN Media (CIPX)
RFC 1552	The PPP Internetwork Packet Exchange Control Protocol (IPXCP)
RFC 1549	PPP in HDLC Framing
RFC 1548	The Point-to-Point Protocol (PPP)
RFC 1542 (BOOTP relay agent)	Clarifications and Extensions for the Bootstrap Protocol
RFC 1531	Dynamic Host Configuration Protocol, Easy IP
RFC 1519	Classless Inter-Domain Routing(CIDR): an Address Assignment and Aggregation Strategy
RFC 1512 (supersedes RFC 1285)	FDDI Management Information Base
RFC 1510	The Kerberos Network Authentication Service (V5)
RFC 1497	BOOTP Vendor Extensions
RFC 1493 (supersedes RFC 1286)	Definitions of Managed Objects for Bridges
RFC 1492	Access Control Protocol or TACACS
RFC 1490	Multiprotocol Interconnect over Frame Relay (Annex G—X.25 encapsulation over Frame Relay)
RFC 1483	Multiprotocol Encapsulation over ATM Adaptation Layer 5
RFC 1469	IP Multicast over Token Ring LANs
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 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)

Standard Number	Title
RFC 1413	Identification Protocol
RFC 1406	Definitions of Managed Objects for the DS1 and E1 Interface Types
RFC 1403	BGP OSPF Interaction
RFC 1398	Definitions of Managed Objects for Ethernet-Like Interface Types
RFC 1395	BOOTP Extensions
RFC 1393	Traceroute Using an IP Option
RFC 1390	Transmission of IP and ARP over FDDI Networks
RFC 1382	SNMP MIB Extension for X.25 Packet Layer
RFC 1381	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 1370	Applicability Statement for OSPF
RFC 1362	Novell IPX Over Various WAN Media (IPXWAN)
RFC 1356	Multiprotocol Interconnect on X.25 and ISDN in the Packet Mode
RFC 1350	TFTP Version 2
RFC 1349	Type of Service in the Internet Protocol Suite
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 Multiprotocol Datagrams over Point-to-Point Links
RFC 1323	TCP Timestamp
RFC 1321	The MD5 Message-Digest Algorithm
RFC 1317	Definitions of Managed Objects for RS-232-like Hardware Devices
RFC 1315 (partial support)	MIB for Frame Relay DTEs
RFC 1305	Network Time Protocol (NTP) Version 3
RFC 1293	Inverse ARP
RFC 1286	Definitions of Managed Objects for Bridges
RFC 1268	Application of BGP in the Internet
RFC 1256	ICMP Router Discovery Messages
RFC 1253	MIB for OSPF Version 2
RFC 1243	AppleTalk Management Information Base
RFC 1236	IP to X.121 Address Mapping for DDN
RFC 1234	Tunneling IPX Traffic through IP Networks
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

Standard Number	Title
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 1196	Finger User Information Protocol
RFC 1195	Use of OSI IS-IS for Routing in TCP/IP in Dual Environments
RFC 1191	Path MTU Discovery
RFC 1172	PPP Initial Configuration Options
RFC 1157	Simple Network Management Protocol (SNMP)
RFC 1144	Compressing TCP/IP Headers for Low-Speed Serial Links
RFC 1144	TCP/IP Header Compression (Van Jacobson Method)
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 1112	Host Extensions for IP Multicasting
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 1075	Distance Vector Multicast Routing Protocol
RFC 1070	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 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
RFC 1034	Domain Names—Concepts and Facilities
RFC 1027	Using ARP to Implement Transparent Subnet Gateways (Proxy ARP)
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

Standard Number	Title
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 895	Standard for the Transmission of IP Datagrams over Experimental Ethernet Networks
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)
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)

# Where and How to Get New RFCs

RFCs are available from a variety of Internet sources

One convenient source for the complete text of RFCs, accessible using any web browser, is <http://www.rfc-editor.org/rfc.html>

RFCs may be obtained via e-mail or FTP from many RFC Repositories. The Primary Repositories will have the RFC available when it is first announced, as will many Secondary Repositories. Some Secondary Repositories may take a few days to make available the most recent RFCs.

## Primary Repositories

RFCs can be obtained via FTP from DS.INTERNIC.NET, NIS.NSF.NET, NISC.JVNC.NET, VENERA.ISI.EDU, WUARCHIVE.WUSTL.EDU, SRC.DOC.IC.AC.UK, FTP.CONCERT.NET, or FTP.SESQUI.NET. Please note that in some cases, the orientation of these sites has moved away from FTP to HTTP. If the RFC list you are accessing does not look current, try substituting a standard web address using <http://>. For example, the index page for ARIN is <http://www.arin.net>.

### 1. <ftp://www.arin.net/rfc/>—American Registry for Internet Numbers (ARIN)

ARIN is a non-profit organization established for the purpose of administration and registration of Internet Protocol (IP) numbers to the geographical areas previously managed by Network Solutions, Inc. (InterNIC).

### 2. NIS.NSF.NET

To obtain RFCs from NIS.NSF.NET via FTP, login with username “anonymous” and password “guest”; then connect to the directory of RFCs with `cd/internet/documents/rfc`. The file name is of the form `rfcnxxx.txt` (where “xxx” refers to the RFC number).

For sites without FTP capability, electronic mail query is available from NIS.NSF.NET. Address the request to [NIS-INFO@NIS.NSF.NET](mailto:NIS-INFO@NIS.NSF.NET) and leave the subject field of the message blank. The first text line of the message must be “send rfcxxx.txt” with xxx the RFC number.

contact: [rfc-mgr@merit.edu](mailto:rfc-mgr@merit.edu)

### 3. NISC.JVNC.NET

RFCs can also be obtained via FTP from NISC.JVNC.NET, with the pathname `rfc/RFCxxx.TXT.v` (where “xxx” refers to the number of the RFC and “v” refers to the version number of the RFC).

JvNCnet also provides a mail service for those sites which cannot use FTP. Address the request to [SENDERFC@JVNC.NET](mailto:SENDERFC@JVNC.NET) and in the subject field of the message indicate the RFC number, as in “Subject: RFCxxx” where xxx is the RFC number. Please note that RFCs whose number are less than 1000 need not place a “0.” (For example, RFC932 is fine.) No text in the body of the message is needed.

contact: [Becker@NISC.JVNC.NET](mailto:Becker@NISC.JVNC.NET)

### 4. VENERA.ISI.EDU

RFCs can be obtained via FTP from VENERA.ISI.EDU, with the pathname `in-notes/rfcxxx.txt` (where “xxx” refers to the number of the RFC). Login with FTP username “anonymous” and password “guest”.

RFCs can also be obtained via electronic mail from VENERA.ISI.EDU by using the RFC-INFO service. Address the request to "rfc-info@isi.edu" with a message body of:

```
Retrieve: RFC
Doc-ID: RFCnnnn
```

(Where "nnnn" refers to the number of the RFC (always use 4 digits -- the DOC-ID of RFC-822 is "RFC0822"). The RFC-INFO@ISI.EDU server provides other ways of selecting RFCs based on keywords and such; for more information send a message to "rfc-info@isi.edu" with the message body "help: help".

contact: RFC-Manager@ISI.EDU

#### 5. WUARCHIVE.WUSTL.EDU

RFCs can also be obtained via FTP from WUARCHIVE.WUSTL.EDU, with the pathname info/rfc/rfcnnnn.txt.Z (where "nnnn" refers to the number of the RFC and "Z" indicates that the document is in compressed form).

At WUARCHIVE.WUSTL.EDU the RFCs are in an "archive" file system and various archives can be mounted as part of an NFS file system. Please contact Chris Myers (chris@wugate.wustl.edu) if you want to mount this file system in your NFS.

contact: chris@wugate.wustl.edu

#### 6. SRC.DOC.IC.AC.UK

RFCs can be obtained via FTP from SRC.DOC.IC.AC.UK with the pathname rfc/rfcnnnn.txt.Z or rfc/rfcnnnn.ps.Z (where "nnnn" refers to the number of the RFC).

Login with FTP username "anonymous" and password "your email address". To obtain the RFC Index, use the pathname rfc/rfc-index.txt.Z. (The trailing .Z indicates that the document is in compressed form.)

SRC.DOC.IC.AC.UK also provides an automatic mail service for those sites in the UK which cannot use FTP. Address the request to info-server@doc.ic.ac.uk with a Subject: line of "wanted" and a message body of:

```
request sources
topic path rfc/rfcnnnn.txt.Z
request end
```

(Where "nnnn" refers to the number of the RFC.) Multiple requests may be included in the same message by giving multiple "topic path" commands on separate lines.

To request the RFC Index, the command should read: topic path rfc/rfc-index.txt.Z

The archive is also available using NIFTP and the ISO FTAM system.

contact: ukuug-soft@doc.ic.ac.uk

#### 7. FTP.SESQUI.NET

RFCs can be obtained via FTP from FTP.SESQUI.NET, with the pathname pub/rfc/rfcnnnn.xxx (where "nnnn" refers to the number of the RFC and xxx indicates the document form, txt for ASCII and ps for Postscript).

At FTP.SESQUI.NET the RFCs are in an "archive" file system and various archives can be mounted as part of an NFS file system. Please contact RFC- maintainer (rfc-maint@sesqui.net) if you want to mount this file system in your NFS.

contact: rfc-maint@sesqui.net

## Secondary Repositories

### Sweden

Host: sunic.sunet.se  
Directory: rfc  
Host: chalmers.se  
Directory: rfc

### Germany

Site: EUnet Germany  
Host: ftp.Germany.EU.net  
Directory: pub/documents/rfc

### France

Site: Institut National de la Recherche en Informatique et Automatique (INRIA)  
Address: info-server@inria.fr  
Notes: RFCs are available via email to the above address.  
Info Server manager is Mireille Yamajako (yamajako@inria.fr).

### Netherlands

Site: EUnet  
Host: mcsun.eu.net  
Directory: rfc  
Notes: RFCs in compressed format.

### Finland

Site: FUNET  
Host: funet.fi  
Directory: rfc  
Notes: RFCs in compressed format. Also provides email access by sending mail to archive-server@funet.fi.

### Norway

Host: ugle.unit.no  
Directory: pub/rfc

## Denmark

Site: University of Copenhagen  
Host: ftp.denet.dk  
Directory: rfc

## Australia and Pacific Rim

Site: munnari  
Contact: Robert Elz  
Host: munnari.oz.au  
Directory: rfc  
Notes: RFCs in compressed format rfcNNNN.Z  
postscript rfc's rfcNNNN.ps.Z

## United States

Site: cerfnet  
Contact: help@cerf.net  
Host: nic.cerf.net  
Directory: netinfo/rfc

Site: NASA NAIC  
Contact: rfc-updates@naic.nasa.gov  
Host: naic.nasa.gov  
Directory: files/rfc

Site: NIC.DDN.MIL (DOD users only)  
Contact: NIC@nic.ddn.mil  
Host: NIC.DDN.MIL  
Directory: rfc/rfcnnnn.txt  
Note: DOD users only may obtain RFCs via FTP  
from NIC.DDN.MIL. Internet users should NOT  
use this source due to inadequate connectivity.

Site: uunet  
Contact: James Revell  
Host: ftp.uu.net  
Directory: inet/rfc

## UUNET Archive

UUNET archive, which includes the RFC's, various IETF documents, and other information regarding the internet, is available to the public via anonymous ftp (to ftp.uu.net) and anonymous uucp, and will be available via an anonymous kermit server soon. Get the file /archive/inet/ls-IR.Z for a listing of these documents.

Any site in the US running UUCP may call +1 900 GOT SRCS and use the login "uucp." There is no password. The phone company will bill you at \$0.50 per minute for the call. The 900 number only works from within the US.

## Requests

Requests for special distribution of RFCs should be addressed to either the author of the RFC in question, or to NIC@INTERNIC.NET.

Submissions for Requests for Comments should be sent to RFC-EDITOR@ISI.EDU. Please consult RFC 1111, "Instructions to RFC Authors," for further information.

Requests to be added to or deleted from the RFC distribution list should be sent to RFC-REQUEST@NIC.DDN.MIL.

Changes to the "rfc-retrieval.txt" should be sent to RFC-MANAGER@ISI.EDU.

## Related MIBs

For a list of Cisco supported Management Information Bases and to download Cisco MIB files, go to Cisco's MIB area in CCO at

<http://www.cisco.com/public/sw-center/netmgmt/cmtk/mibs.shtml>.

## Other Supported Standards

### ATM Forum Standards

The full text for each standard may be obtained from the World Wide Web at: <http://www.atmforum.com>.

**Table 131** ATM Forum Standards Supported in Cisco IOS Software

LMI (Integrated Local Management Interface)	ILMI 4.0 (af-ilmi-0065.000)
User-to-Network Interface	UNI 3.0 and 3.1 (af-uni-0010.002)
LAN Emulation (Version 2)	Ethernet and Token Ring (af-lane-0021.000)
Multiprotocol over ATM (Version 1)	MPOA (af-mpoa-0087.000)
Private Network-Network Interface	PNNI Version 1 (af-pnni-0055.000)
Frame-based User-to-Network Interface	FUNI

### IEEE Standards

The full text for each standard may be obtained from the World Wide Web at: <http://www.ieee.com>.

IEEE Standards supported in Cisco IOS software are as follows:

- LAN/MAN bridging and management—802.1

- Virtual LANs—802.1Q
- Token ring access method and physical layer specification—802.5
- IEEE standards for local and metropolitan-area networks: interoperable LAN/MAN security (SILS)—802.10

### **Frame Relay Forum Standards**

The full text for each standard may be obtained from the World Wide Web at: <http://www.frforum.com>.

Frame Relay Forum standards supported in Cisco IOS software are as follows:

- User-to-Network (UNI) Implementation Agreement—FRF.1.1
- Frame Relay Network-to-Network (NNI) Implementation Agreement Version 2.1—FRF.2.1
- Multiprotocol Encapsulation Implementation Agreement (MEI)—FRF.3.1
- Switched Virtual Circuit Implementation Agreement (SVC)—FRF.4
- Data Compression over Frame Relay Implementation Agreement —FRF.9
- Voice over Frame Relay Implementation Agreement—FRF.11
- Frame Relay Fragmentation Implementation Agreement—FRF.12
- Frame Relay Forum Implementation Agreement FRF.11 for Data Compression

### **CCITT Standards**

CCITT standards supported in Cisco IOS Software are as follows:

- X.3—ITU-T/CCITT 1993 mandatories
- X.25—ITU-T/CCITT 1993
- X.28—ITU-T/CCITT 1993
- X.29—ITU-T/CCITT 1993
- X.31—X.25 on ISDN