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May 2008

Internet Official Protocol Standards

Status of This Memo

This memo provides information for the Internet community. It does not specify an Internet standard of any kind. Distribution of this memo is unlimited.

IESG Note

This document obsoletes RFC 3700. It also reclassifies RFCs that were previously published as STD 1 as Historic. More specifically, this RFC moves RFCs 3000, 3300, 3600, and 3700 to Historic status.

Abstract

This document is published by the RFC Editor to provide a summary of the current standards protocols (as of 18 February 2008). It lists those official protocol standards, Best Current Practice, and Experimental RFCs that have not been obsoleted; it is not a complete index to the RFC series. Newly published RFCs and RFCs whose status has changed are starred.

For an up-to-date list, see http://www.rfc-editor.org/rfcxx00.html, which is updated daily.

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1. Overview

This memo contains a snapshot of the state of standardization of protocols used in the Internet, as determined by the Internet Engineering Task Force (IETF). It is a 18 February 2008 snapshot of the current official protocol standards list and the Best Current Practice list, which is updated daily and is available from the RFC Editor Web site.

The RFC Editor publishes Request for Comments (RFC) documents that are the output of 4 streams: IAB, IETF, IRTF, and Independent Submission via the RFC Editor.

This memo is published by the RFC Editor for the IESG and IAB, in which the categorizations are in accordance with Section 2.1 of "The Internet Standards Process -- Revision 3", RFC 2026, which specifies the rules and procedures by which all Internet standards are set. Sections 3.1 - 3.7 of this memo contain the lists of protocols in each stage of standardization - Standard, Draft Standard, Proposed Standard, Experimental, as well as Best Current Practice documents. Protocols that are new to this document or have been moved from one protocol level to another, or that differ from the previous edition of this document are marked with an asterisk. Informational and Historic RFCs are not included. This list is not a complete index to RFCs.

2. RFC Resources and Retrieval

This list is a live document that is updated daily on the RFC Editor site at:

http://www.rfc-editor.org/rfcxx00.html

RFCs are available online via http and ftp as:

http://www.rfc-editor.org/rfc/rfcXXXX.txt
ftp://ftp.rfc-editor.org/in-notes/rfcXXXX.txt

where XXXX represents the corresponding RFC number.

The RFC Editor maintains the official repository of all RFCs and indexes to them. The site also provides additional information about the history of the RFC Editor, current submission and review procedures, and editorial and publication procedures. Please see the RFC Editor site for all other RFC related information:

http://www.rfc-editor.org

3. Current Technical Specifications

3.1. Standard Protocols Ordered by STD

[Note: an asterisk at the end of a line indicates a change from the previous edition of this document.]

Mnemonic	Title	RFC#	STD#
--------	Internet Official Protocol Standards	5000*	1
--------	[Reserved for Assigned Numbers. See RFC 1700 and RFC 3232.]	xxx	2
--------	Requirements for Internet Hosts - Communication Layers	1122	3
--------	Requirements for Internet Hosts - Application and Support	1123	3
--------	[Reserved for Router Requirements. See RFC 1812.]	xxx	4
IP	Internet Protocol	791	5
ICMP	Internet Control Message Protocol	792	5
--------	Broadcasting Internet Datagrams	919	5
--------	Broadcasting Internet datagrams in the presence of subnets	922	5
--------	Internet Standard Subnetting Procedure	950	5
IGMP	Host extensions for IP multicasting	1112	5
UDP	User Datagram Protocol	768	6
TCP	Transmission Control Protocol	793	7
TELNET	Telnet Protocol Specification	854	8
FTP	File Transfer Protocol	959	9
--------	["Mail routing and the domain system". Was RFC 974 (STANDARD), Now HISTORIC.]	xxx	10
SMTP	["Simple Mail Transfer Protocol". Was RFC 821 (STANDARD), Obsoleted by RFC 2821 (PROPOSED STANDARD)]	xxx	10
--------	["SMTP Service Extensions". Was RFC 1869 (STANDARD), Obsoleted by RFC 2821 (PROPOSED STANDARD)]	xxx	10
SMTP-SIZE	SMTP Service Extension for Message Size Declaration	1870	10
MAIL	["STANDARD FOR THE FORMAT OF ARPA INTERNET TEXT MESSAGES". Was RFC 822 (STANDARD), Obsoleted by RFC 2822 (PROPOSED STANDARD)]	xxx	11
--------	[Reserved for Network Time Protocol (NTP). See RFC 1305.]	xxx	12
DOMAIN	Domain names - concepts and facilities	1034	13
DOMAIN	Domain names - implementation and specification	1035	13
--------	[Was Mail Routing and the Domain System. Now Historic.]	xxx	14
--------	[Was Simple Network Management Protocol. Now Historic.]	xxx	15

SMI	Structure and identification of management information for TCP/IP-based internets	1155	16
Concise-MI	Concise MIB definitions	1212	16
MIB-II	Management Information Base for Network Management of TCP/IP-based internets:MIB-II	1213	17
--------	[Was Exterior Gateway Protocol (RFC 904). Now Historic.]	xxx	18
NETBIOS	Protocol standard for a NetBIOS service on a TCP/UDP transport: Concepts and methods	1001	19
NETBIOS	Protocol standard for a NetBIOS service on a TCP/UDP transport: Detailed specifications	1002	19
ECHO	Echo Protocol	862	20
DISCARD	Discard Protocol	863	21
CHARGEN	Character Generator Protocol	864	22
QUOTE	Quote of the Day Protocol	865	23
USERS	Active users	866	24
DAYTIME	Daytime Protocol	867	25
TIME	Time Protocol	868	26
TOPT-BIN	Telnet Binary Transmission	0	27
TOPT-ECHO	Telnet Echo Option	0	28
TOPT-SUPP	Telnet Suppress Go Ahead Option	0	29
--------	Telnet Status Option	859	30
TOPT-TIM	Telnet Timing Mark Option	0	31
TOPT-EXTOP	Telnet Extended Options: List Option	0	32
TFTP	The TFTP Protocol (Revision 2)	1350	33
--------	[Was Routing Information Protocol (RIP). Replaced by STD 56.]	xxx	34
TP-TCP	ISO Transport Service on top of the TCP Version: 3	1006	35
IP-FDDI	Transmission of IP and ARP over FDDI Networks	1390	36
ARP	Ethernet Address Resolution Protocol: Or Converting Network Protocol Addresses to 48.bit Ethernet Address for Transmission on Ethernet Hardware	826	37
RARP	A Reverse Address Resolution Protocol	903	38
IP-ARPA	[Was BBN Report 1822 (IMP/Host Interface). Now Historic.]	xxx	39
IP-WB	Host Access Protocol specification	907	40
IP-E	A Standard for the Transmission of IP Datagrams over Ethernet Networks	894	41
IP-EE	Standard for the transmission of IP datagrams over experimental Ethernet networks	895	42
IP-IEEE	Standard for the transmission of IP datagrams over IEEE 802 networks	1042	43
IP-DC	DCN Local-Network Protocols	891	44
IP-HC	Internet Protocol on Network System’s HYPERchannel: Protocol Specification	1044	45
IP-ARC	Transmitting IP traffic over ARCNET networks	1201	46

IP-SLIP	Nonstandard for transmission of IP datagrams over serial lines: SLIP	1055	47
IP-NETBIOS	Standard for the transmission of IP datagrams over NetBIOS networks	1088	48
IP-IPX	Standard for the transmission of 802.2 packets over IPX networks	1132	49
--------	[Reserved for Definitions of Managed Objects for the Ethernet-like Interface Types. See RFC 3638.]	xxx	50
PPP	The Point-to-Point Protocol (PPP)	1661	51
PPP-HDLC	PPP in HDLC-like Framing	1662	51
IP-SMDS	The Transmission of IP Datagrams over the SMDS Service	1209	52
POP3	Post Office Protocol - Version 3	1939	53
OSPF2	OSPF Version 2	2328	54
IP-FR	Multiprotocol Interconnect over Frame Relay	2427	55
RIP2	RIP Version 2	2453	56
RIP2-APP	RIP Version 2 Protocol Applicability Statement	1722	57
SMIv2	Structure of Management Information Version 2 (SMIv2)	2578	58
CONV-MIB	Textual Conventions for SMIv2	2579	58
CONF-MIB	Conformance Statements for SMIv2	2580	58
RMON-MIB	Remote Network Monitoring Management Information Base	2819	59
SMTP-Pipe	SMTP Service Extension for Command Pipelining	2920	60
ONE-PASS	A One-Time Password System	2289	61
ARCH-SNMP	An Architecture for Describing Simple Network Management Protocol (SNMP) Management Frameworks	3411	62
MPD-SNMP	Message Processing and Dispatching for the Simple Network Management Protocol (SNMP)	3412	62
SNMP-APP	Simple Network Management Protocol (SNMP) Applications	3413	62
USM-SNMPV3	User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3)	3414	62
VACM-SNMP	View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP)	3415	62
OPS-MIB	Version 2 of the Protocol Operations for the Simple Network Management Protocol (SNMP)	3416	62
TRANS-MIB	Transport Mappings for the Simple Network Management Protocol (SNMP)	3417	62
SNMPv2-MIB	Management Information Base (MIB) for the Simple Network Management Protocol (SNMP)	3418	62
UTF-8	UTF-8, a transformation format of ISO 10646	3629	63
RTP	RTP: A Transport Protocol for Real-Time Applications	3550	64
RTP-AV	RTP Profile for Audio and Video Conferences with Minimal Control	3551	65
--------	Uniform Resource Identifier (URI): Generic Syntax	3986*	66

XDR	XDR: External Data Representation Standard	4506*	67
ABNF	Augmented BNF for Syntax Specifications: ABNF	5234*	68

3.2. Standard Protocols Ordered by RFC

[Note: an asterisk at the end of a line indicates a change from the previous edition of this document.]

Mnemonic	Title	STD#	RFC#
ABNF	Augmented BNF for Syntax Specifications: ABNF	68	5234*
--------	Internet Official Protocol Standards	1	5000*
XDR	XDR: External Data Representation Standard	67	4506*
--------	Uniform Resource Identifier (URI): Generic Syntax	66	3986*
UTF-8	UTF-8, a transformation format of ISO 10646	63	3629
RTP-AV	RTP Profile for Audio and Video Conferences with Minimal Control	65	3551
RTP	RTP: A Transport Protocol for Real-Time Applications	64	3550
SNMPv2-MIB	Management Information Base (MIB) for the Simple Network Management Protocol (SNMP)	62	3418
TRANS-MIB	Transport Mappings for the Simple Network Management Protocol (SNMP)	62	3417
OPS-MIB	Version 2 of the Protocol Operations for the Simple Network Management Protocol (SNMP)	62	3416
VACM-SNMP	View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP)	62	3415
USM-SNMPV3	User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3)	62	3414
SNMP-APP	Simple Network Management Protocol (SNMP) Applications	62	3413
MPD-SNMP	Message Processing and Dispatching for the Simple Network Management Protocol (SNMP)	62	3412
ARCH-SNMP	An Architecture for Describing Simple Network Management Protocol (SNMP) Management Frameworks	62	3411
SMTP-Pipe	SMTP Service Extension for Command Pipelining	60	2920
RMON-MIB	Remote Network Monitoring Management Information Base	59	2819
CONF-MIB	Conformance Statements for SMIv2	58	2580
CONV-MIB	Textual Conventions for SMIv2	58	2579
SMIv2	Structure of Management Information Version 2 (SMIv2)	58	2578
RIP2	RIP Version 2	56	2453
IP-FR	Multiprotocol Interconnect over Frame Relay	55	2427
OSPF2	OSPF Version 2	54	2328
ONE-PASS	A One-Time Password System	61	2289
POP3	Post Office Protocol - Version 3	53	1939

SMTP-SIZE	SMTP Service Extension for Message Size Declaration	10	1870
RIP2-APP	RIP Version 2 Protocol Applicability Statement	57	1722
PPP-HDLC	PPP in HDLC-like Framing	51	1662
PPP	The Point-to-Point Protocol (PPP)	51	1661
IP-FDDI	Transmission of IP and ARP over FDDI Networks	36	1390
TFTP	The TFTP Protocol (Revision 2)	33	1350
MIB-II	Management Information Base for Network Management of TCP/IP-based internets:MIB-II	17	1213
Concise-MI	Concise MIB definitions	16	1212
IP-SMDS	The Transmission of IP Datagrams over the SMDS Service	52	1209
IP-ARC	Transmitting IP traffic over ARCNET networks	46	1201
SMI	Structure and identification of management information for TCP/IP-based internets	16	1155
IP-IPX	Standard for the transmission of 802.2 packets over IPX networks	49	1132
--------	Requirements for Internet Hosts - Application and Support	3	1123
--------	Requirements for Internet Hosts - Communication Layers	3	1122
IGMP	Host extensions for IP multicasting	5	1112
IP-NETBIOS	Standard for the transmission of IP datagrams over NetBIOS networks	48	1088
IP-SLIP	Nonstandard for transmission of IP datagrams over serial lines: SLIP	47	1055
IP-HC	Internet Protocol on Network System’s HYPERchannel: Protocol Specification	45	1044
IP-IEEE	Standard for the transmission of IP datagrams over IEEE 802 networks	43	1042
DOMAIN	Domain names - implementation and specification	13	1035
DOMAIN	Domain names - concepts and facilities	13	1034
TP-TCP	ISO Transport Service on top of the TCP Version: 3	35	1006
NETBIOS	Protocol standard for a NetBIOS service on a TCP/UDP transport: Detailed specifications	19	1002
NETBIOS	Protocol standard for a NetBIOS service on a TCP/UDP transport: Concepts and methods	19	1001
FTP	File Transfer Protocol	9	959
--------	Internet Standard Subnetting Procedure	5	950
--------	Broadcasting Internet datagrams in the presence of subnets	5	922
--------	Broadcasting Internet Datagrams	5	919
IP-WB	Host Access Protocol specification	40	907
RARP	A Reverse Address Resolution Protocol	38	903
IP-EE	Standard for the transmission of IP datagrams over experimental Ethernet networks	42	895

IP-E	A Standard for the Transmission of IP Datagrams over Ethernet Networks	41	894
IP-DC	DCN Local-Network Protocols	44	891
TIME	Time Protocol	26	868
DAYTIME	Daytime Protocol	25	867
USERS	Active users	24	866
QUOTE	Quote of the Day Protocol	23	865
CHARGEN	Character Generator Protocol	22	864
DISCARD	Discard Protocol	21	863
ECHO	Echo Protocol	20	862
--------	Telnet Status Option	30	859
TELNET	Telnet Protocol Specification	8	854
ARP	Ethernet Address Resolution Protocol: Or Converting Network Protocol Addresses to 48.bit Ethernet Address for Transmission on Ethernet Hardware	37	826
TCP	Transmission Control Protocol	7	793
ICMP	Internet Control Message Protocol	5	792
IP	Internet Protocol	5	791
UDP	User Datagram Protocol	6	768

3.3. Draft Standard Protocols

[Note: an asterisk at the end of a line indicates a change from the previous edition of this document.]

Mnemonic	Title	RFC#
IPv6-PPP	IP Version 6 over PPP	5072*
--------	Autonomous System Confederations for BGP	5065*
--------	LDP Specification	5036*
--------	Privacy Extensions for Stateless Address Autoconfiguration in IPv6	4941*
--------	Extensible Provisioning Protocol (EPP) Transport Over TCP	4934*
--------	Extensible Provisioning Protocol (EPP) Contact Mapping	4933*
--------	Extensible Provisioning Protocol (EPP) Host Mapping	4932*
--------	Extensible Provisioning Protocol (EPP) Domain Name Mapping	4931*
--------	Extensible Provisioning Protocol (EPP)	4930*
IPV6-AUTO	IPv6 Stateless Address Autoconfiguration	4862*
IPV6-ND	Neighbor Discovery for IP version 6 (IPv6)	4861*
MEXT-BGP4	Multiprotocol Extensions for BGP-4	4760*
RMON-MIB	Remote Network Monitoring Management Information Base Version 2	4502*
BGP-RR	BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP)	4456*

--------	Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification	4443*
--------	Message Submission for Mail	4409*
--------	IP Version 6 Addressing Architecture	4291*
BGP-4	A Border Gateway Protocol 4 (BGP-4)	4271*
SMFAX-IM	A Simple Mode of Facsimile Using Internet Mail	3965*
FFIF	Tag Image File Format Fax eXtended (TIFF-FX) - image/tiff-fx MIME Sub-type Registration	3950*
FFIF	File Format for Internet Fax	3949*
NICNAME	WHOIS Protocol Specification	3912*
CONT-DUR	Content Duration MIME Header Definition	3803
MIME-ADPCM	Toll Quality Voice - 32 kbit/s Adaptive Differential Pulse Code Modulation (ADPCM) MIME Sub-type Registration	3802
MIME-VP2	Voice Profile for Internet Mail - version 2 (VPIMv2)	3801
EMF-MDN	Message Disposition Notification	3798
VRRP	Virtual Router Redundancy Protocol (VRRP)	3768
--------	DNS Extensions to Support IP Version 6	3596
--------	Textual Conventions for MIB Modules Using Performance History Based on 15 Minute Intervals	3593
--------	Definitions of Managed Objects for the Synchronous Optical Network/Synchronous Digital Hierarchy (SONET/SDH) Interface Type	3592
DSN	An Extensible Message Format for Delivery Status Notifications	3464
EMS-CODE	Enhanced Mail System Status Codes	3463
MIME-RPT	The Multipart/Report Content Type for the Reporting of Mail System Administrative Messages	3462
SMTP-DSN	Simple Mail Transfer Protocol (SMTP) Service Extension for Delivery Status Notifications (DSNs)	3461
--------	Capabilities Advertisement with BGP-4	3392
TIFF	Tag Image File Format (TIFF) - image/tiff MIME Sub-type Registration	3302
--------	Content Language Headers	3282
--------	(Extensible Markup Language) XML-Signature Syntax and Processing	3275
MINFAX-IM	Minimal FAX address format in Internet Mail	3192
MIN-PSTN	Minimal GSTN address format in Internet Mail	3191
RMON-MIB	Remote Network Monitoring MIB Protocol Identifier Reference	2895
RADIUS	Remote Authentication Dial In User Service (RADIUS)	2865
INTERGRMIB	The Interfaces Group MIB	2863
--------	Host Resources MIB	2790
SNMP	Definitions of Managed Objects for Extensible SNMP Agents	2742
--------	Agent Extensibility (AgentX) Protocol Version 1	2741
--------	HTTP Authentication: Basic and Digest Access Authentication	2617

HTTP	Hypertext Transfer Protocol -- HTTP/1.1	2616
--------	Remote Network Monitoring MIB Extensions for Switched Networks Version 1.0	2613
IPV6	Internet Protocol, Version 6 (IPv6) Specification	2460
IARP	Inverse Address Resolution Protocol	2390
TN3270E	TN3270 Enhancements	2355
TFTP-Opt	TFTP Timeout Interval and Transfer Size Options	2349
TFTP-Blk	TFTP Blocksize Option	2348
TFTP-Ext	TFTP Option Extension	2347
DHCP-BOOTP	DHCP Options and BOOTP Vendor Extensions	2132
DHCP	Dynamic Host Configuration Protocol	2131
FRAME-MIB	Management Information Base for Frame Relay DTEs Using SMIv2	2115
IP-HIPPI	IP over HIPPI	2067
MIME-CONF	Multipurpose Internet Mail Extensions (MIME) Part Five: Conformance Criteria and Examples	2049
MIME-MSG	MIME (Multipurpose Internet Mail Extensions) Part Three: Message Header Extensions for Non-ASCII Text	2047
MIME-MEDIA	Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types	2046
MIME	Multipurpose Internet Mail Extensions (MIME) Part One: Format of Internet Message Bodies	2045
PPP-CHAP	PPP Challenge Handshake Authentication Protocol (CHAP)	1994
PPP-MP	The PPP Multilink Protocol (MP)	1990
PPP-LINK	PPP Link Quality Monitoring	1989
MTU-IPV6	Path MTU Discovery for IP version 6	1981
CON-MD5	The Content-MD5 Header Field	1864
BGP-4-APP	Application of the Border Gateway Protocol in the Internet	1772
PPP-DNCP	The PPP DECnet Phase IV Control Protocol (DNCP)	1762
802.5-MIB	IEEE 802.5 MIB using SMIv2	1748
RIP2-MIB	RIP Version 2 MIB Extension	1724
SIP-MIB	Definitions of Managed Objects for SMDS Interfaces using SMIv2	1694
--------	Definitions of Managed Objects for Parallel-printer-like Hardware Devices using SMIv2	1660
--------	Definitions of Managed Objects for RS-232-like Hardware Devices using SMIv2	1659
--------	Definitions of Managed Objects for Character Stream Devices using SMIv2	1658
--------	SMTP Service Extension for 8bit-MIMEtransport	1652
OSI-NSAP	Guidelines for OSI NSAP Allocation in the Internet	1629
ISO-TS-ECH	An Echo Function for CLNP (ISO 8473)	1575
DECNET-MIB	DECnet Phase IV MIB Extensions	1559
--------	Clarifications and Extensions for the Bootstrap Protocol	1542
DHCP-BOOTP	Interoperation Between DHCP and BOOTP	1534

IP-X.25	Multiprotocol Interconnect on X.25 and ISDN in the Packet Mode	1356
NTPV3	Network Time Protocol (Version 3) Specification, Implementation and Analysis	1305
FINGER	The Finger User Information Protocol	1288
IP-MTU	Path MTU discovery	1191
--------	Proposed Standard for the Transmission of IP Datagrams over FDDI Networks	1188
TOPT-LINE	Telnet Linemode Option	1184
BOOTP	Bootstrap Protocol	951

3.4. Proposed Standard Protocols

[Note: an asterisk at the end of a line indicates a change from the previous edition of this document.]

Mnemonic	Title	RFC#
--------	Sieve Email Filtering: Spamtest and Virustest Extensions	5235*
--------	Sieve Email Filtering: Subaddress Extension	5233*
--------	Sieve Email Filtering: Imap4flags Extension	5232*
--------	Sieve Email Filtering: Relational Extension	5231*
--------	Sieve Email Filtering: Vacation Extension	5230*
--------	Sieve Email Filtering: Variables Extension	5229*
--------	Sieve: An Email Filtering Language	5228*
--------	A More Loss-Tolerant RTP Payload Format for MP3 Audio	5219*
--------	Mobility Header Home Agent Switch Message	5142*
--------	Terminal Endpoint Identifier (TEI) Query Request Number Change	5133*
--------	IP Multicast MIB	5132*
--------	A MIB Textual Convention for Language Tags	5131*
--------	A Policy Control Mechanism in IS-IS Using Administrative Tags	5130*
--------	Explicit Congestion Marking in MPLS	5129*
--------	Transmission of IPv6 via the IPv6 Convergence Sublayer over IEEE 802.16 Networks	5121*
--------	M-ISIS: Multi Topology (MT) Routing in Intermediate System to Intermediate Systems (IS-ISs)	5120*
--------	An Interface and Algorithms for Authenticated Encryption	5116*
--------	Telephony Routing over IP (TRIP) Attribute for Resource Priority	5115*
--------	The Presence-Specific Static Dictionary for Signaling Compression (Sigcomp)	5112*
--------	RTP Payload Format for Generic Forward Error Correction	5109*
--------	DHCP Server Identifier Override Suboption	5107*

--------	ENUM Validation Token Format Definition	5105*
--------	Bidirectional Flow Export Using IP Flow Information Export (IPFIX)	5103*
--------	Information Model for IP Flow Information Export	5102*
--------	Specification of the IP Flow Information Export (IPFIX) Protocol for the Exchange of IP Traffic Flow Information	5101*
--------	MIB for the UDP-Lite protocol	5097*
--------	Mobile IPv6 Experimental Messages	5096*
--------	Deprecation of Type 0 Routing Headers in IPv6	5095*
--------	Mobile IPv6 Vendor Specific Option	5094*
IMAP-URL	IMAP URL Scheme	5092*
--------	RADIUS Extension for Digest Authentication	5090*
--------	IS-IS Protocol Extensions for Path Computation Element (PCE) Discovery	5089*
--------	OSPF Protocol Extensions for Path Computation Element (PCE) Discovery	5088*
--------	Pseudowire Virtual Circuit Connectivity Verification (VCCV): A Control Channel for Pseudowires	5085*
--------	Using AES-CCM and AES-GCM Authenticated Encryption in the Cryptographic Message Syntax (CMS)	5084*
--------	Cryptographic Message Syntax (CMS) Authenticated-Enveloped-Data Content Type	5083*
--------	The Generalized TTL Security Mechanism (GTSM)	5082*
--------	Common Remote Authentication Dial In User Service (RADIUS) Implementation Issues and Suggested Fixes	5080*
--------	Rejecting Anonymous Requests in the Session Initiation Protocol (SIP)	5079*
--------	Transport Layer Security (TLS) Session Resumption without Server-Side State	5077*
--------	ENUM Validation Information Mapping for the Extensible Provisioning Protocol	5076*
--------	IPv6 Router Advertisement Flags Option	5075*
--------	IGP Routing Protocol Extensions for Discovery of Traffic Engineering Node Capabilities	5073*
--------	The Incident Object Description Exchange Format	5070*
--------	Ethernet in the First Mile Copper (EFMCu) Interfaces MIB	5066*
--------	The Archived-At Message Header Field	5064*
--------	Extensions to GMPLS Resource Reservation Protocol (RSVP) Graceful Restart	5063*
--------	Stream Control Transmission Protocol (SCTP) Dynamic Address Reconfiguration	5061*
--------	Protocol Independent Multicast MIB	5060*
--------	Bootstrap Router (BSR) Mechanism for Protocol Independent Multicast (PIM)	5059*
--------	On the Use of Channel Bindings to Secure Channels	5056*
--------	Server-Based Certificate Validation Protocol (SCVP)	5055*

--------	Raptor Forward Error Correction Scheme for Object Delivery	5053*
--------	Forward Error Correction (FEC) Building Block	5052*
--------	i;unicode-casemap - Simple Unicode Collation Algorithm	5051*
--------	Applying Signaling Compression (SigComp) to the Session Initiation Protocol (SIP)	5049*
--------	Internet Small Computer System Interface (iSCSI) Corrections and Clarifications	5048*
--------	Internet Small Computer System Interface (iSCSI) Extensions for Remote Direct Memory Access (RDMA)	5046*
--------	Marker PDU Aligned Framing for TCP Specification	5044*
--------	Stream Control Transmission Protocol (SCTP) Direct Data Placement (DDP) Adaptation	5043*
--------	Direct Data Placement Protocol (DDP) / Remote Direct Memory Access Protocol (RDMAP) Security	5042*
--------	Direct Data Placement over Reliable Transports	5041*
--------	A Remote Direct Memory Access Protocol Specification	5040*
--------	Enhanced Security Services (ESS) Update: Adding CertID Algorithm Agility	5035*
POP3-AUTH	The Post Office Protocol (POP3) Simple Authentication and Security Layer (SASL) Authentication Mechanism	5034*
--------	WITHIN Search Extension to the IMAP Protocol	5032*
--------	A Uniform Resource Name (URN) for Emergency and Other Well-Known Services	5031*
--------	Definition of an IS-IS Link Attribute Sub-TLV	5029*
--------	A Telephone Number Mapping (ENUM) Service Registration for Instant Messaging (IM) Services	5028*
--------	Security Preconditions for Session Description Protocol (SDP) Media Streams	5027*
--------	Mobile IPv6 Bootstrapping in Split Scenario	5026*
--------	Presence Authorization Rules	5025*
--------	The Atom Publishing Protocol	5023*
--------	Extended Kerberos Version 5 Key Distribution Center (KDC) Exchanges over TCP	5021*
--------	The Lightweight Directory Access Protocol (LDAP) entryDN Operational Attribute	5020*
--------	The Lightweight Online Certificate Status Protocol (OCSP) Profile for High-Volume Environments	5019*
--------	Connection Establishment in the Binary Floor Control Protocol (BFCP)	5018*
--------	MIB Textual Conventions for Uniform Resource Identifiers (URIs)	5017*
--------	Bidirectional Protocol Independent Multicast (BIDIR-PIM)	5015*
--------	Automated Updates of DNS Security (DNSSEC) Trust Anchors	5011*

--------	The Dynamic Host Configuration Protocol Version 4 (DHCPv4) Relay Agent Flags Suboption	5010*
--------	DHCPv6 Leasequery	5007*
--------	Feed Paging and Archiving	5005*
--------	Avoid BGP Best Path Transitions from One External to Another	5004*
--------	Attachment Individual Identifier (AII) Types for Aggregation	5003*
--------	DNS Name Server Identifier (NSID) Option	5001*
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--------	Abstract Syntax Notation X (ASN.X) Representation of Encoding Instructions for the XML Encoding Rules (XER	4914*
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--------	Web Distributed Authoring and Versioning (WebDAV) Redirect Reference Resources	4437*
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--------	Sender Policy Framework (SPF) for Authorizing Use of Domains in E-Mail, Version 1	4408*
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--------	Sender ID: Authenticating E-Mail	4406*
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--------	Internet X.509 Public Key Infrastructure Repository Locator Service	4386*
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4. Security Considerations

This memo does not affect the technical security of the Internet, but it does cite a number of important security specifications.

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