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## 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.

### Table of Contents

1. Overview .....	2
2. RFC Resources and Retrieval .....	2
3. Current Technical Specifications .....	3
3.1. Standard Protocols Ordered by STD .....	3
3.2. Standard Protocols Ordered by RFC .....	6
3.3. Draft Standard Protocols .....	8
3.4. Proposed Standard Protocols .....	11
3.5. Best Current Practice Ordered by BCP .....	57
3.6. Best Current Practice Ordered by RFC .....	62
3.7. Experimental Protocols .....	67
4. Security Considerations .....	74

## 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	4443*
	Internet Protocol Version 6 (IPv6) Specification	
-----	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 (RDMA) 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*
-----	Evidence Record Syntax (ERS)	4998*
-----	Formal Notation for RObust Header Compression (ROHC-FN)	4997*
-----	RObust Header Compression (ROHC): A Profile for TCP/IP (ROHC-TCP)	4996*
-----	The RObust Header Compression (ROHC) Framework	4995*
-----	DHCPv6 Relay Agent Echo Request Option	4994*
-----	A Lightweight UDP Transfer Protocol for the Internet Registry Information Service	4993*
-----	XML Pipelining with Chunks for the Internet Registry Information Service	4992*
-----	A Common Schema for Internet Registry Information Service Transfer Protocols	4991*
-----	Internet X.509 Public Key Infrastructure Subject Alternative Name for Expression of Service Name	4985*
-----	Fibre Channel Registered State Change Notification (RSCN) MIB	4983*
-----	Support for Multiple Hash Algorithms in Cryptographically Generated Addresses (CGAs)	4982*
-----	IANA Registration for Enumservice 'XMPP'	4979*
-----	The IMAP COMPRESS Extension	4978*
-----	Relay Extensions for the Message Sessions Relay Protocol (MSRP)	4976*
-----	The Message Session Relay Protocol (MSRP)	4975*
-----	Generalized MPLS (GMPLS) RSVP-TE Signaling Extensions in Support of Calls	4974*
-----	Routing Extensions for Discovery of Multiprotocol (MPLS) Label Switch Router (LSR) Traffic Engineering (TE) Mesh Membership	4972*
-----	Intermediate System to Intermediate System (IS-IS) Extensions for Advertising Router Information	4971*
-----	Extensions to OSPF for Advertising Optional Router Capabilities	4970*
-----	IANA Registration for vCard Enumservice	4969*
-----	Dial String Parameter for the Session Initiation Protocol Uniform Resource Identifier	4967*
-----	Stream Control Transmission Protocol	4960*
-----	IMAP Extension for Simple Authentication and Security Layer (SASL) Initial Client Response	4959*

-----	DNS Security (DNSSEC) Experiments	4955*
-----	SMTP Service Extension for Authentication	4954*
-----	Fail Over Extensions for Layer 2 Tunneling Protocol (L2TP) "failover"	4951*
-----	ICMP Extensions for Multiprotocol Label Switching	4950*
-----	The Internet IP Security PKI Profile of IKEv1/ISAKMP, IKEv2, and PKIX	4945*
-----	Transmission of IPv6 Packets over IEEE 802.15.4 Networks	4944*
-----	Definitions of Managed Objects for iSNS (Internet Storage Name Service)	4939*
-----	Fibre Channel Zone Server MIB	4936*
-----	Fibre Channel Fabric Configuration Server MIB	4935*
-----	Crankback Signaling Extensions for MPLS and GMPLS RSVP-TE	4920*
WEBDAV	HTTP Extensions for Web Distributed Authoring and Versioning (WebDAV)	4918*
-----	Mobile IPv4 Message String Extension	4917*
-----	Connected Identity in the Session Initiation Protocol (SIP)	4916*
-----	Multi-Topology (MT) Routing in OSPF	4915*
-----	Representing Trunk Groups in tel/sip Uniform Resource Identifiers (URIs)	4904*
-----	Protocol Extensions for Header Compression over MPLS	4901*
-----	TCP Extended Statistics MIB	4898*
-----	Signaling Compression (SigComp) Corrections and Clarifications	4896*
-----	Authenticated Chunks for the Stream Control Transmission Protocol (SCTP)	4895*
-----	BGP Support for Four-octet AS Number Space	4893*
-----	Extended ICMP to Support Multi-Part Messages	4884*
-----	OpenPGP Message Format	4880*
-----	Definitions and Managed Objects for Operations, Administration, and Maintenance (OAM) Functions on Ethernet-Like Interfaces	4878*
-----	Mobile IPv6 Operation with IKEv2 and the Revised IPsec Architecture	4877*
-----	Extensions to Resource Reservation Protocol - Traffic Engineering (RSVP-TE) for Point-to-Multipoint TE Label Switched Paths (LSPs)	4875*
-----	Exclude Routes - Extension to Resource ReserVation Protocol-Traffic Engineering (RSVP-TE)	4874*
-----	GMPLS Segment Recovery	4873*
-----	RSVP-TE Extensions in Support of End-to-End Generalized Multi-Protocol Label Switching (GMPLS) Recovery	4872*
-----	DomainKeys Identified Mail (DKIM) Signatures	4871*

-----	Using HMAC-SHA-256, HMAC-SHA-384, and HMAC-SHA-512 with IPsec	4868*
-----	RTP Payload Format and File Storage Format for the Adaptive Multi-Rate (AMR) and Adaptive Multi-Rate Wideband (AMR-WB) Audio Codecs	4867*
-----	Enhanced Route Optimization for Mobile IPv6	4866*
-----	SMTP Submission Service Extension for Future Message Release	4865*
-----	Wildcard Pseudowire Type	4863*
-----	Generic Aggregate Resource ReSerVation Protocol (RSVP) Reservations	4860*
-----	Media Type Registration of Payload Formats in the RTP Profile for Audio and Video Conferences	4856*
-----	Media Type Registration of RTP Payload Formats	4855*
-----	Cryptographic Message Syntax (CMS) Multiple Signer Clarification	4853*
-----	Declarative Public Extension Key for Internet Small Computer Systems Interface (iSCSI) Node Architecture	4850*
-----	RADIUS Filter Rule Attribute	4849*
-----	Domain-Based Application Service Location Using URIs and the Dynamic Delegation Discovery Service (DDDS)	4848*
-----	Synchronous Optical Network/Synchronous Digital Hierarchy (SONET/SDH) Circuit Emulation over Packet (CEP)	4842*
-----	Managed Objects of Ethernet Passive Optical Networks (EPON)	4837*
MAU-MIB	Definitions of Managed Objects for IEEE 802.3 Medium Attachment Units (MAUs)	4836*
ESP	Cryptographic Algorithm Implementation Requirements for Encapsulating Security Payload (ESP) and Authentication Header (AH)	4835*
-----	Timezone Options for DHCP	4833*
-----	An Extensible Markup Language (XML) Configuration Access Protocol (XCAP) Usage for Manipulating Presence Document Contents	4827*
-----	Extensible Markup Language (XML) Formats for Representing Resource Lists	4826*
-----	The Extensible Markup Language (XML) Configuration Access Protocol (XCAP)	4825*
RIP2-MD5	RIPv2 Cryptographic Authentication	4822*
-----	Packetization Layer Path MTU Discovery	4821*
-----	Padding Chunk and Parameter for the Stream Control Transmission Protocol (SCTP)	4820*
-----	Secure Shell Public Key Subsystem	4819*
-----	RADIUS Delegated-IPv6-Prefix Attribute	4818*
-----	Encapsulation of MPLS over Layer 2 Tunneling Protocol Version 3	4817*



-----	Pseudowire Emulation Edge-to-Edge (PWE3) Asynchronous Transfer Mode (ATM) Transparent Cell Transport Service	4816*
-----	RObust Header Compression (ROHC): Corrections and Clarifications to RFC 3095	4815*
-----	IPsec Security Policy Database Configuration MIB	4807*
-----	Online Certificate Status Protocol (OCSP) Extensions to IKEv2	4806*
-----	Definitions of Managed Objects for the DS1, J1, E1, DS2, and E2 Interface Types	4805*
-----	Aggregation of Resource ReSeRVation Protocol (RSVP) Reservations over MPLS TE/DS-TE Tunnels	4804*
-----	Generalized Multiprotocol Label Switching (GMPLS) Label Switching Router (LSR) Management Information Base	4803*
-----	Generalized Multiprotocol Label Switching (GMPLS) Traffic Engineering Management Information Base	4802*
-----	Definitions of Textual Conventions for Generalized Multiprotocol Label Switching (GMPLS) Management	4801*
-----	Connecting IPv6 Islands over IPv4 MPLS Using IPv6 Provider Edge Routers (6PE)	4798*
-----	The Session Description Protocol (SDP) Content Attribute	4796*
-----	Encoding Instructions for the Generic String Encoding Rules (GSER)	4792*
-----	Calendaring Extensions to WebDAV (CalDAV)	4791*
-----	Internet Application Protocol Collation Registry	4790*
-----	Simple Network Management Protocol (SNMP) over IEEE 802 Networks	4789*
-----	Enhancements to RTP Payload Formats for EVRC Family Codecs	4788*
-----	Pre-Shared Key (PSK) Ciphersuites with NULL Encryption for Transport Layer Security (TLS)	4785*
-----	GMPLS - Communication of Alarm Information	4783*
-----	Graceful Restart Mechanism for BGP with MPLS	4781*
-----	Management Information Base for the Session Initiation Protocol (SIP)	4780*
-----	Dynamic Host Configuration Protocol (DHCPv4 and DHCPv6) Option for Civic Addresses Configuration Information	4776*
-----	Integrity Transform Carrying Roll-Over Counter for the Secure Real-time Transport Protocol (SRTP)	4771*
-----	vCard Extensions for Instant Messaging (IM)	4770*
-----	IANA Registration for an Enumservice Containing Public Switched Telephone Network (PSTN) Signaling Information	4769*
-----	Virtual Private LAN Service (VPLS) Using Label Distribution Protocol (LDP) Signaling	4762*

-----	Virtual Private LAN Service (VPLS) Using BGP for Auto-Discovery and Signaling	4761*
-----	The ENUM Dip Indicator Parameter for the "tel" URI	4759*
-----	Forward Error Correction Grouping Semantics in Session Description Protocol	4756*
-----	IP over InfiniBand: Connected Mode	4755*
-----	IKE and IKEv2 Authentication Using the Elliptic Curve Digital Signature Algorithm (ECDSA)	4754*
SASL	The Kerberos V5 ("GSSAPI") Simple Authentication and Security Layer (SASL) Mechanism	4752*
OSPF-MIB	OSPF Version 2 Management Information Base	4750*
-----	RTP Payload Format for the G.729.1 Audio Codec	4749*
-----	The Virtual Fabrics MIB	4747*
-----	Common Policy: A Document Format for Expressing Privacy Preferences	4745*
-----	Using the NETCONF Protocol over the Blocks Extensible Exchange Protocol (BEEP)	4744*
-----	Using NETCONF over the Simple Object Access Protocol (SOAP)	4743*
-----	Using the NETCONF Configuration Protocol over Secure Shell (SSH)	4742*
-----	NETCONF Configuration Protocol	4741*
-----	Diameter Session Initiation Protocol (SIP) Application	4740*
-----	MIKEY-RSA-R: An Additional Mode of Key Distribution in Multimedia Internet KEYing (MIKEY)	4738*
-----	Packet Reordering Metrics	4737*
-----	Example Media Types for Use in Documentation	4735*
-----	Definition of Events for Modem, Fax, and Text Telephony Signals	4734*
-----	RTP Payload for DTMF Digits, Telephony Tones, and Telephony Signals	4733*
-----	IMAP4 Extension to SEARCH Command for Controlling What Kind of Information Is Returned	4731*
-----	A Session Initiation Protocol (SIP) Event Package for Key Press Stimulus (KPML)	4730*
-----	Experimental Values In IPv4, IPv6, ICMPv4, ICMPv6, UDP, and TCP Headers	4727*
-----	Graceful Restart Mechanism for BGP	4724*
-----	Mobile IPv4 Challenge/Response Extensions (Revised)	4721*
-----	Pseudowire Emulation Edge-to-Edge (PWE3) Frame Check Sequence Retention	4720*
-----	Transport of Ethernet Frames over Layer 2 Tunneling Protocol Version 3 (L2TPv3)	4719*
-----	Encapsulation Methods for Transport of Asynchronous Transfer Mode (ATM) over MPLS Networks	4717*

-----	Transport Mappings for Real-time Application Quality-of-Service Monitoring (RAQMOM) Protocol Data Unit (PDU)	4712*
-----	Real-time Application Quality-of-Service Monitoring (RAQMOM) MIB	4711*
-----	Real-time Application Quality-of-Service Monitoring (RAQMOM) Framework	4710*
-----	Definitions of Managed Objects for Asymmetric Digital Subscriber Line 2 (ADSL2)	4706*
-----	The Dynamic Host Configuration Protocol for IPv6 (DHCPv6) Client Fully Qualified Domain Name (FQDN) Option	4704*
-----	Resolution of Fully Qualified Domain Name (FQDN) Conflicts among Dynamic Host Configuration Protocol (DHCP) Clients	4703*
-----	The Dynamic Host Configuration Protocol (DHCP) Client Fully Qualified Domain Name (FQDN) Option	4702*
-----	A DNS Resource Record (RR) for Encoding Dynamic Host Configuration Protocol (DHCP) Information (DHCID RR)	4701*
-----	IRIS: An Address Registry (areg) Type for the Internet Registry Information Service	4698*
-----	RTP Payload Format for MIDI	4695*
-----	Number Portability Parameters for the "tel" URI	4694*
-----	Atom Threading Extensions	4685*
-----	Constrained Route Distribution for Border Gateway Protocol/MultiProtocol Label Switching (BGP/MPLS) Internet Protocol (IP) Virtual Private Networks (VPNs)	4684*
-----	Internet X.509 Public Key Infrastructure Subject Identification Method (SIM)	4683*
-----	Multimedia Terminal Adapter (MTA) Management Information Base for PacketCable- and IPCablecom-Compliant Devices	4682*
-----	TLS User Mapping Extension	4681*
-----	TLS Handshake Message for Supplemental Data	4680*
-----	RADIUS Attributes for Virtual LAN and Priority Support	4675*
-----	RADIUS Authentication Server MIB for IPv6	4669*
-----	RADIUS Authentication Client MIB for IPv6	4668*
-----	Layer 2 Virtual Private Network (L2VPN) Extensions for Layer 2 Tunneling Protocol (L2TP)	4667*
-----	Signaling System 7 (SS7) Message Transfer Part 3 (MTP3) - User Adaptation Layer (M3UA)	4666*
-----	A Session Initiation Protocol (SIP) Event Notification Extension for Resource Lists	4662*
-----	An Extensible Markup Language (XML)-Based Format for Event Notification Filtering	4661*

-----	Functional Description of Event Notification Filtering	4660*
-----	BGP-MPLS IP Virtual Private Network (VPN) Extension for IPv6 VPN	4659*
-----	A One-way Active Measurement Protocol (OWAMP)	4656*
-----	HMAC-Authenticated Diffie-Hellman for Multimedia Internet KEYing (MIKEY)	4650*
-----	Dynamic Host Configuration Protocol for IPv6 (DHCPv6) Relay Agent Remote-ID Option	4649*
-----	The Base16, Base32, and Base64 Data Encodings	4648*
-----	Network News Transfer Protocol (NNTP) Extension for Streaming Feeds	4644*
-----	Network News Transfer Protocol (NNTP) Extension for Authentication	4643*
-----	Using Transport Layer Security (TLS) with Network News Transfer Protocol (NNTP)	4642*
-----	Cable Device Management Information Base for Data-Over-Cable Service Interface Specification (DOCSIS) Compliant Cable Modems and Cable Modem Termination Systems	4639*
-----	Foreign Agent Error Extension for Mobile IPv4	4636*
-----	HMAC SHA (Hashed Message Authentication Code, Secure Hash Algorithm) TSIG Algorithm Identifiers	4635*
-----	Link Management Protocol (LMP) Management Information Base (MIB)	4631*
-----	Update to DirectoryString Processing in the Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile	4630*
-----	RTP Payload Format for ITU-T Rec. H.263 Video	4629*
-----	MIB for Fibre Channel's Fabric Shortest Path First (FSPF) Protocol	4626*
-----	Fibre Channel Routing Information MIB	4625*
-----	Pseudowire Emulation Edge-to-Edge (PWE3) Fragmentation and Reassembly	4623*
-----	Internationalized Resource Identifiers (IRIs) and Uniform Resource Identifiers (URIs) for the Extensible Messaging and Presence Protocol (XMPP)	4622*
-----	Encapsulation Methods for Transport of Frame Relay over Multiprotocol Label Switching (MPLS) Networks	4619*
-----	Encapsulation Methods for Transport of PPP/High-Level Data Link Control (HDLC) over MPLS Networks	4618*
-----	The PLAIN Simple Authentication and Security Layer (SASL) Mechanism	4616*
-----	The Advanced Encryption Standard-Cipher-based Message Authentication Code-Pseudo-Random Function-128 (AES-CMAC-PRF-128) Algorithm for the Internet Key Exchange Protocol (IKE)	4615*

-----	Anycast-RP Using Protocol Independent Multicast (PIM)	4610*
-----	Source-Specific Multicast for IP	4607*
-----	Generalized Multi-Protocol Label Switching (GMPLS)	4606*
	Extensions for Synchronous Optical Network (SONET)	
	and Synchronous Digital Hierarchy (SDH) Control	
-----	Internet Group Management Protocol (IGMP) /	4605*
	Multicast Listener Discovery (MLD)-Based Multicast	
	Forwarding ("IGMP/MLD Proxying")	
-----	Using Internet Group Management Protocol Version 3	4604*
	(IGMPv3) and Multicast Listener Discovery Protocol	
	Version 2 (MLDv2) for Source-Specific Multicast	
PIM-SM	Protocol Independent Multicast - Sparse Mode	4601*
	(PIM-SM): Protocol Specification (Revised)	
-----	Real-time Transport Protocol (RTP) Payload Format	4598*
	for Enhanced AC-3 (E-AC-3) Audio	
-----	The Role of Wildcards in the Domain Name System	4592*
-----	Frame Relay over Layer 2 Tunneling Protocol Version	4591*
	3 (L2TPv3)	
-----	Location Types Registry	4589*
-----	RTP Retransmission Payload Format	4588*
RTP-H.261	RTP Payload Format for H.261 Video Streams	4587*
-----	Extended RTP Profile for Real-time Transport Control	4585*
	Protocol (RTCP)-Based Feedback (RTP/AVPF)	
-----	Session Description Protocol (SDP) Format for Binary	4583*
	Floor Control Protocol (BFCP) Streams	
-----	The Binary Floor Control Protocol (BFCP)	4582*
-----	Cryptographically Generated Addresses (CGA)	4581*
	Extension Field Format	
-----	Dynamic Host Configuration Protocol for IPv6	4580*
	(DHCPv6) Relay Agent Subscriber-ID Option	
-----	OSPF as the Provider/Customer Edge Protocol for	4577*
	BGP/MPLS IP Virtual Private Networks (VPNs)	
-----	Using a Link State Advertisement (LSA) Options Bit	4576*
	to Prevent Looping in BGP/MPLS IP Virtual Private	
	Networks (VPNs)	
-----	A Session Initiation Protocol (SIP) Event Package	4575*
	for Conference State	
-----	The Session Description Protocol (SDP) Label	4574*
	Attribute	
-----	MIME Type Registration for RTP Payload Format for	4573*
	H.224	
-----	Connection-Oriented Media Transport over the	4572*
	Transport Layer Security (TLS) Protocol in the	
	Session Description Protocol (SDP)	
-----	Framing Real-time Transport Protocol (RTP) and RTP	4571*
	Control Protocol (RTCP) Packets over	
	Connection-Oriented Transport	
-----	Session Description Protocol (SDP) Source Filters	4570*

-----	Session Description Protocol (SDP) Security Descriptions for Media Streams	4568*
-----	Key Management Extensions for Session Description Protocol (SDP) and Real Time Streaming Protocol (RTSP)	4567*
SDP	SDP: Session Description Protocol	4566*
-----	The Key ID Information Type for the General Extension Payload in Multimedia Internet KEYing (MIKEY)	4563*
-----	Definition of a Record Route Object (RRO) Node-Id Sub-Object	4561*
-----	Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations	4560*
-----	Node-ID Based Resource Reservation Protocol (RSVP) Hello: A Clarification Statement	4558*
-----	Online Certificate Status Protocol (OCSP) Support for Public Key Cryptography for Initial Authentication in Kerberos (PKINIT)	4557*
-----	Public Key Cryptography for Initial Authentication in Kerberos (PKINIT)	4556*
-----	IKEv2 Mobility and Multihoming Protocol (MOBIKE)	4555*
SAToP	Structure-Agnostic Time Division Multiplexing (TDM) over Packet (SAToP)	4553*
-----	Authentication/Confidentiality for OSPFv3	4552*
-----	IMAP Extension for Conditional STORE Operation or Quick Flag Changes Resynchronization	4551*
-----	Internet Email to Support Diverse Service Environments (Lemonade) Profile	4550*
-----	Internet Code Point (ICP) Assignments for NSAP Addresses	4548*
-----	Event Notification Management Information Base for Data over Cable Service Interface Specifications (DOCSIS)-Compliant Cable Modems and Cable Modem Termination Systems	4547*
-----	Radio Frequency (RF) Interface Management Information Base for Data over Cable Service Interface Specifications (DOCSIS) 2.0 Compliant RF Interfaces	4546*
-----	Definitions of Managed Objects for IP Storage User Identity Authorization	4545*
-----	Definitions of Managed Objects for Internet Small Computer System Interface (iSCSI)	4544*
-----	The Use of Galois Message Authentication Code (GMAC) in IPsec ESP and AH	4543*
-----	Request Authorization through Dialog Identification in the Session Initiation Protocol (SIP)	4538*
-----	Kerberos Cryptosystem Negotiation Extension	4537*

-----	GSAKMP: Group Secure Association Key Management Protocol	4535*
-----	Group Security Policy Token v1	4534*
-----	Lightweight Directory Access Protocol (LDAP) "Who am I?" Operation	4532*
-----	Lightweight Directory Access Protocol (LDAP) entryUUID Operational Attribute	4530*
-----	Lightweight Directory Access Protocol (LDAP) Assertion Control	4528*
-----	Lightweight Directory Access Protocol (LDAP) Read Entry Controls	4527*
-----	Lightweight Directory Access Protocol (LDAP) Absolute True and False Filters	4526*
-----	COSINE LDAP/X.500 Schema	4524*
-----	Lightweight Directory Access Protocol (LDAP) Schema Definitions for X.509 Certificates	4523*
-----	Lightweight Directory Access Protocol (LDAP): The Binary Encoding Option	4522*
-----	Lightweight Directory Access Protocol (LDAP): Schema for User Applications	4519*
-----	Lightweight Directory Access Protocol (LDAP): Internationalized String Preparation	4518*
LDAP3-ATD	Lightweight Directory Access Protocol (LDAP): Syntaxes and Matching Rules	4517*
LDAP-URL	Lightweight Directory Access Protocol (LDAP): Uniform Resource Locator	4516*
STR-LDAP	Lightweight Directory Access Protocol (LDAP): String Representation of Search Filters	4515*
LDAP3-UTF8	Lightweight Directory Access Protocol (LDAP): String Representation of Distinguished Names	4514*
LDAP	Lightweight Directory Access Protocol (LDAP): Authentication Methods and Security Mechanisms	4513*
-----	Lightweight Directory Access Protocol (LDAP): Directory Information Models	4512*
LDAP	Lightweight Directory Access Protocol (LDAP): The Protocol	4511*
LDAPV3	Lightweight Directory Access Protocol (LDAP): Technical Specification Road Map	4510*
-----	Use of SHA-256 in DNSSEC Delegation Signer (DS) Resource Records (RRs)	4509*
-----	Conveying Feature Tags with the Session Initiation Protocol (SIP) REFER Method	4508*
SASL-ANON	Anonymous Simple Authentication and Security Layer (SASL) Mechanism	4505*
-----	Domain Name System Uniform Resource Identifiers	4501*
-----	A Resource Reservation Protocol (RSVP) Extension for the Reduction of Bandwidth of a Reservation Flow	4495*
-----	The AES-CMAC-96 Algorithm and Its Use with IPsec	4494*

-----	Using the GOST R 34.10-94, GOST R 34.10-2001, and GOST R 34.11-94 Algorithms with the Internet X.509 Public Key Infrastructure Certificate and CRL Profile	4491*
-----	Using the GOST 28147-89, GOST R 34.11-94, GOST R 34.10-94, and GOST R 34.10-2001 Algorithms with Cryptographic Message Syntax (CMS)	4490*
-----	A Method for Generating Link-Scoped IPv6 Multicast Addresses	4489*
-----	Suppression of Session Initiation Protocol (SIP) REFER Method Implicit Subscription	4488*
-----	Subcodes for BGP Cease Notification Message	4486*
-----	A Mechanism for Content Indirection in Session Initiation Protocol (SIP) Messages	4483*
-----	CIPID: Contact Information for the Presence Information Data Format	4482*
-----	Timed Presence Extensions to the Presence Information Data Format (PIDF) to Indicate Status Information for Past and Future Time Intervals	4481*
-----	RPID: Rich Presence Extensions to the Presence Information Data Format (PIDF)	4480*
-----	A Data Model for Presence	4479*
-----	Attribute Certificate (AC) Policies Extension	4476*
-----	Enhancements for Authenticated Identity Management in the Session Initiation Protocol (SIP)	4474*
-----	Minimally Covering NSEC Records and DNSSEC On-line Signing	4470*
-----	Internet Message Access Protocol (IMAP) CATENATE Extension	4469*
URLAUTH	Message Submission BURL Extension	4468*
-----	Internet Message Access Protocol (IMAP) - URLAUTH Extension	4467*
-----	Collected Extensions to IMAP4 ABNF	4466*
-----	Generic Security Service Application Program Interface (GSS-API) Authentication and Key Exchange for the Secure Shell (SSH) Protocol	4462*
-----	Definition of Managed Objects for Small Computer System Interface (SCSI) Entities	4455*
-----	Asynchronous Transfer Mode (ATM) over Layer 2 Tunneling Protocol Version 3 (L2TPv3)	4454*
-----	Securing Mobile IPv6 Route Optimization Using a Static Shared Key	4449*
-----	Encapsulation Methods for Transport of Ethernet over MPLS Networks	4448*
-----	Pseudowire Setup and Maintenance Using the Label Distribution Protocol (LDP)	4447*
-----	Management Information Base for Intermediate System to Intermediate System (IS-IS)	4444*



-----	Bootstrapping Timed Efficient Stream Loss-Tolerant Authentication (TESLA)	4442*
-----	Fibre Channel Fabric Address Manager MIB	4439*
-----	Fibre-Channel Name Server MIB	4438*
-----	Detecting Network Attachment in IPv4 (DNav4)	4436*
-----	The AES-XCBC-PRF-128 Algorithm for the Internet Key Exchange Protocol (IKE)	4434*
-----	Mobile IPv4 Dynamic Home Agent (HA) Assignment	4433*
-----	RSA Key Exchange for the Secure Shell (SSH) Transport Layer Protocol	4432*
-----	Kerberized Internet Negotiation of Keys (KINK)	4430*
-----	Optimistic Duplicate Address Detection (DAD) for IPv6	4429*
-----	Generalized Multi-Protocol Label Switching (GMPLS) Recovery Functional Specification	4426*
-----	RTP Payload Format for Video Codec 1 (VC-1)	4425*
-----	Real-Time Transport Protocol (RTP) Payload Format for the Variable-Rate Multimode Wideband (VMR-WB) Extension Audio Codec	4424*
SASL	Simple Authentication and Security Layer (SASL)	4422*
-----	RTP Payload Format for Uncompressed Video: Additional Colour Sampling Modes	4421*
-----	Encoding of Attributes for Multiprotocol Label Switching (MPLS) Label Switched Path (LSP) Establishment Using Resource ReserVation Protocol-Traffic Engineering (RSVP-TE)	4420*
-----	Diffie-Hellman Group Exchange for the Secure Shell (SSH) Transport Layer Protocol	4419*
-----	IANA Registration for Enumservice Voice	4415*
-----	An ENUM Registry Type for the Internet Registry Information Service (IRIS)	4414*
-----	Communications Resource Priority for the Session Initiation Protocol (SIP)	4412*
-----	Extending the Session Initiation Protocol (SIP) Reason Header for Preemption Events	4411*
-----	Definitions of Managed Objects for Fibre Channel Over TCP/IP (FCIP)	4404*
-----	A Pseudo-Random Function (PRF) for the Kerberos V Generic Security Service Application Program Interface (GSS-API) Mechanism	4402*
-----	A Pseudo-Random Function (PRF) API Extension for the Generic Security Service Application Program Interface (GSS-API)	4401*
SC-DNS	Storing Certificates in the Domain Name System (DNS)	4398*
-----	RTP Payload Format for 3rd Generation Partnership Project (3GPP) Timed Text	4396*
-----	MIME Type Registrations for 3GPP2 Multimedia Files	4393*
-----	Transmission of IP over InfiniBand (IPoIB)	4391*

-----	Dynamic Host Configuration Protocol (DHCP) over InfiniBand	4390*
-----	Dynamic Host Configuration Protocol (DHCP) Leasequery	4388*
-----	Internet X.509 Public Key Infrastructure Operational Protocols: Certificate Store Access via HTTP	4387*
-----	Pseudowire Emulation Edge-to-Edge (PWE3) Control Word for Use over an MPLS PSN	4385*
-----	The Use of Timed Efficient Stream Loss-Tolerant Authentication (TESLA) in the Secure Real-time Transport Protocol (SRTP)	4383*
-----	MPLS/BGP Layer 3 Virtual Private Network (VPN) Management Information Base	4382*
-----	Teredo: Tunneling IPv6 over UDP through Network Address Translations (NATs)	4380*
-----	Detecting Multi-Protocol Label Switched (MPLS) Data Plane Failures	4379*
-----	Chargeable User Identity	4372*
-----	Lightweight Directory Access Protocol (LDAP) Proxied Authorization Control	4370*
-----	Definitions of Managed Objects for Internet Fibre Channel Protocol (iFCP)	4369*
-----	Multiprotocol Label Switching (MPLS) Label-Controlled Asynchronous Transfer Mode (ATM) and Frame-Relay Management Interface Definition	4368*
-----	Transport Layer Security (TLS) Extensions	4366*
-----	BGP/MPLS IP Virtual Private Networks (VPNs)	4364*
-----	Definitions of Managed Objects for Bridges with Traffic Classes, Multicast Filtering, and Virtual LAN Extensions	4363*
-----	RObust Header Compression (ROHC): A Link-Layer Assisted Profile for IP/UDP/RTP	4362*
-----	Node-specific Client Identifiers for Dynamic Host Configuration Protocol Version Four (DHCPv4)	4361*
-----	BGP Extended Communities Attribute	4360*
-----	The Use of RSA/SHA-1 Signatures within Encapsulating Security Payload (ESP) and Authentication Header (AH)	4359*
-----	Mapping Between the Multimedia Messaging Service (MMS) and Internet Mail	4356*
-----	IANA Registration for Enumservices email, fax, mms, ems, and sms	4355*
-----	RTP Payload Format for the Extended Adaptive Multi-Rate Wideband (AMR-WB+) Audio Codec	4352*
-----	High-Level Data Link Control (HDLC) Frames over Layer 2 Tunneling Protocol, Version 3 (L2TPv3)	4349*
-----	Real-Time Transport Protocol (RTP) Payload Format for the Variable-Rate Multimode Wideband (VMR-WB) Audio Codec	4348*
-----	Datagram Transport Layer Security	4347*

-----	The Transport Layer Security (TLS) Protocol Version 1.1	4346*
-----	Improved Arcfour Modes for the Secure Shell (SSH) Transport Layer Protocol	4345*
-----	The Secure Shell (SSH) Transport Layer Encryption Modes	4344*
-----	Domain Name System (DNS) Case Insensitivity Clarification	4343*
-----	Profile for Datagram Congestion Control Protocol (DCCP) Congestion Control ID 3: TCP-Friendly Rate Control (TFRC)	4342*
-----	Profile for Datagram Congestion Control Protocol (DCCP) Congestion Control ID 2: TCP-like Congestion Control	4341*
-----	Datagram Congestion Control Protocol (DCCP)	4340*
-----	Transmission of IPv6, IPv4, and Address Resolution Protocol (ARP) Packets over Fibre Channel	4338*
-----	MIME Type Registration for MPEG-4	4337*
-----	The Secure Shell (SSH) Session Channel Break Extension	4335*
-----	Certificate Extensions and Attributes Supporting Authentication in Point-to-Point Protocol (PPP) and Wireless Local Area Networks (WLAN)	4334*
-----	Quota and Size Properties for Distributed Authoring and Versioning (DAV) Collections	4331*
-----	Generalized Multi-Protocol Label Switching (GMPLS) Signaling Extensions for G.709 Optical Transport Networks Control	4328*
-----	Unidirectional Lightweight Encapsulation (ULE) for Transmission of IP Datagrams over an MPEG-2 Transport Stream (TS)	4326*
-----	Internet X.509 Public Key Infrastructure Authority Information Access Certificate Revocation List (CRL) Extension	4325*
-----	Data Over Cable System Interface Specification Quality of Service Management Information Base (DOCSIS-QoS MIB)	4323*
-----	Actions Addressing Identified Issues with the Session Initiation Protocol's (SIP) Non-INVITE Transaction	4320*
-----	Definitions of Managed Objects for High Bit-Rate DSL - 2nd generation (HDSL2) and Single-Pair High-Speed Digital Subscriber Line (SHDSL) Lines	4319*
-----	Definitions of Managed Objects for Bridges with Rapid Spanning Tree Protocol	4318*
IMAP4UIDPL	Internet Message Access Protocol (IMAP) - UIDPLUS extension	4315*
IMAP4-ACL	IMAP4 Access Control List (ACL) Extension	4314*

-----	The Camellia Cipher Algorithm and Its Use With IPsec	4312*
-----	IPv6 Host-to-Router Load Sharing	4311*
-----	Domain Name System (DNS) Security Extensions Mapping for the Extensible Provisioning Protocol (EPP)	4310*
-----	Using Advanced Encryption Standard (AES) CCM Mode with IPsec Encapsulating Security Payload (ESP)	4309*
-----	Cryptographic Suites for IPsec	4308*
-----	Cryptographic Algorithms for Use in the Internet Key Exchange Version 2 (IKEv2)	4307*
ISAKMPSEC	Internet Key Exchange (IKEv2) Protocol	4306*
-----	Extended Sequence Number (ESN) Addendum to IPsec Domain of Interpretation (DOI) for Internet Security Association and Key Management Protocol (ISAKMP)	4304*
ESP	IP Encapsulating Security Payload (ESP)	4303*
IP-AUTH	IP Authentication Header	4302*
IPSEC	Security Architecture for the Internet Protocol	4301*
-----	RTP Payload Format for BroadVoice Speech Codecs	4298*
-----	Mobile IPv6 Management Information Base	4295*
-----	Management Information Base for the Internet Protocol (IP)	4293*
TABLE-MIB	IP Forwarding Table MIB	4292*
-----	The Atom Syndication Format	4287*
-----	Multicast Router Discovery	4286*
-----	Mobile Node Identifier Option for Mobile IPv6 (MIPv6)	4283*
NAI	The Network Access Identifier	4282*
-----	The Codecs Parameter for "Bucket" Media Types	4281*
-----	Dynamic Host Configuration Protocol (DHCP) Options for Broadcast and Multicast Control Servers	4280*
-----	Pre-Shared Key Ciphersuites for Transport Layer Security (TLS)	4279*
BGP-4-MIB	Definitions of Managed Objects for BGP-4	4273*
-----	Entity State MIB	4268*
-----	The gopher URI Scheme	4266*
-----	Definition of Textual Conventions for Virtual Private Network (VPN) Management	4265*
-----	X.509 Certificate Extension for Secure/Multipurpose Internet Mail Extensions (S/MIME) Capabilities	4262*
-----	Common Open Policy Service (COPS) Over Transport Layer Security (TLS)	4261*
-----	Generic Message Exchange Authentication for the Secure Shell Protocol (SSH)	4256*
-----	Using DNS to Securely Publish Secure Shell (SSH) Key Fingerprints	4255*
-----	The Secure Shell (SSH) Connection Protocol	4254*
-----	The Secure Shell (SSH) Transport Layer Protocol	4253*
-----	The Secure Shell (SSH) Authentication Protocol	4252*
-----	The Secure Shell (SSH) Protocol Architecture	4251*
-----	The Secure Shell (SSH) Protocol Assigned Numbers	4250*

-----	The telnet URI Scheme	4248*
-----	An Extension to the Session Initiation Protocol (SIP) for Request History Information	4244*
-----	Vendor-Specific Information Suboption for the Dynamic Host Configuration Protocol (DHCP) Relay Agent Option	4243*
-----	Information Refresh Time Option for Dynamic Host Configuration Protocol for IPv6 (DHCPv6)	4242*
-----	Internet Voice Messaging (IVM)	4239*
-----	Voice Message Routing Service	4238*
-----	Voice Messaging Directory Service	4237*
-----	HTTP Adaptation with Open Pluggable Edge Services (OPES)	4236*
-----	An INVITE-Initiated Dialog Event Package for the Session Initiation Protocol (SIP)	4235*
-----	Integrated Services Digital Network (ISDN) Q.921-User Adaptation Layer	4233*
-----	Identifiers and Test Vectors for HMAC-SHA-224, HMAC-SHA-256, HMAC-SHA-384, and HMAC-SHA-512	4231*
-----	Using the Simple Object Access Protocol (SOAP) in Blocks Extensible Exchange Protocol (BEEP)	4227*
-----	Traffic Engineering Link Management Information Base	4220*
-----	Securing FTP with TLS	4217*
TRANS-IPV6	Basic Transition Mechanisms for IPv6 Hosts and Routers	4213*
X.509-CRMF	Internet X.509 Public Key Infrastructure Certificate Request Message Format (CRMF)	4211*
PKICMP	Internet X.509 Public Key Infrastructure Certificate Management Protocol (CMP)	4210*
-----	Link Management Protocol (LMP) for Dense Wavelength Division Multiplexing (DWDM) Optical Line Systems	4209*
-----	Generalized Multiprotocol Label Switching (GMPLS) User-Network Interface (UNI): Resource ReserVation Protocol-Traffic Engineering (RSVP-TE) Support for the Overlay Model	4208*
-----	Synchronous Optical Network (SONET)/Synchronous Digital Hierarchy (SDH) Encoding for Link Management Protocol (LMP) Test Messages	4207*
-----	Label Switched Paths (LSP) Hierarchy with Generalized Multi-Protocol Label Switching (GMPLS) Traffic Engineering (TE)	4206*
-----	Link Management Protocol (LMP)	4204*
-----	OSPF Extensions in Support of Generalized Multi-Protocol Label Switching (GMPLS)	4203*
-----	Routing Extensions in Support of Generalized Multi-Protocol Label Switching (GMPLS)	4202*
-----	Link Bundling in MPLS Traffic Engineering (TE)	4201*
-----	The SEED Cipher Algorithm and Its Use with IPsec	4196*

-----	The S Hexdump Format	4194*
-----	Unique Local IPv6 Unicast Addresses	4193*
-----	Default Router Preferences and More-Specific Routes	4191*
BRIDGE-MIB	Definitions of Managed Objects for Bridges	4188*
-----	RTP Payload Format for AC-3 Audio	4184*
-----	Removing a Restriction on the use of MPLS Explicit NULL	4182*
-----	The Simple and Protected Generic Security Service Application Program Interface (GSS-API) Negotiation Mechanism	4178*
-----	RTP Payload Format for Uncompressed Video	4175*
-----	The IPv4 Dynamic Host Configuration Protocol (DHCP) Option for the Internet Storage Name Service	4174*
-----	Bootstrapping Clients using the Internet Small Computer System Interface (iSCSI) Protocol	4173*
-----	iFCP - A Protocol for Internet Fibre Channel Storage Networking	4172*
-----	Internet Storage Name Service (iSNS)	4171*
-----	The Stream Control Transmission Protocol (SCTP) as a Transport for the Session Initiation Protocol (SIP)	4168*
-----	Signaling System 7 (SS7) Message Transfer Part 2 (MTP2) - User Peer-to-Peer Adaptation Layer (M2PA)	4165*
-----	RObust Header Compression (ROHC): Context Replication for ROHC Profiles	4164*
-----	Addition of SEED Cipher Suites to Transport Layer Security (TLS)	4162*
-----	Transport Performance Metrics MIB	4150*
-----	Definition of Managed Objects for Synthetic Sources for Performance Monitoring Algorithms	4149*
-----	TCP-Based Media Transport in the Session Description Protocol (SDP)	4145*
-----	Facsimile Using Internet Mail (IFAX) Service of ENUM	4143*
-----	Full-mode Fax Profile for Internet Mail (FFPIM)	4142*
-----	SMTP and MIME Extensions for Content Conversion	4141*
-----	Entity MIB (Version 3)	4133*
-----	Addition of Camellia Cipher Suites to Transport Layer Security (TLS)	4132*
-----	Management Information Base for Data Over Cable Service Interface Specification (DOCSIS) Cable Modems and Cable Modem Termination Systems for Baseline Privacy Plus	4131*
-----	MIME-Based Secure Peer-to-Peer Business Data Interchange Using HTTP, Applicability Statement 2 (AS2)	4130*
-----	Digital Private Network Signaling System (DPNSS)/Digital Access Signaling System 2 (DASS 2) Extensions to the IUA Protocol	4129*

-----	Protocol Extensions for Support of Diffserv-aware MPLS Traffic Engineering	4124*
-----	A Universally Unique Identifier (UUID) URN Namespace	4122*
-----	The Kerberos Version 5 Generic Security Service Application Program Interface (GSS-API) Mechanism: Version 2	4121*
KERBEROS	The Kerberos Network Authentication Service (V5)	4120*
-----	A Presence-based GEOPRIV Location Object Format	4119*
-----	E.164 Number Mapping for the Extensible Provisioning Protocol (EPP)	4114*
MIB-UDP	Management Information Base for the User Datagram Protocol (UDP)	4113*
-----	Electronic Commerce Modeling Language (ECML) Version 2 Specification	4112*
-----	Algorithms for Internet Key Exchange version 1 (IKEv1)	4109*
-----	Using Cryptographic Message Syntax (CMS) to Protect Firmware Packages	4108*
-----	The Use of Galois/Counter Mode (GCM) in IPsec Encapsulating Security Payload (ESP)	4106*
-----	Policy Core Extension Lightweight Directory Access Protocol Schema (PCELS)	4104*
-----	RTP Payload for Text Conversation	4103*
-----	Registration of the text/red MIME Sub-Type	4102*
-----	Attaching Meaning to Solicitation Class Keywords	4095*
-----	Usage of the Session Description Protocol (SDP) Alternative Network Address Types (ANAT) Semantics in the Session Initiation Protocol (SIP)	4092*
-----	The Alternative Network Address Types (ANAT) Semantics for the Session Description Protocol (SDP) Grouping Framework	4091*
-----	Fast Reroute Extensions to RSVP-TE for LSP Tunnels	4090*
-----	Uniform Resource Identifier (URI) Scheme for the Simple Network Management Protocol (SNMP)	4088*
-----	IP Tunnel MIB	4087*
-----	A Negative Acknowledgement Mechanism for Signaling Compression	4077*
-----	Simple Network Time Protocol (SNTP) Configuration Option for DHCPv6	4075*
-----	Protecting Multiple Contents with the Cryptographic Message Syntax (CMS)	4073*
-----	Diameter Extensible Authentication Protocol (EAP) Application	4072*
-----	Definitions of Managed Object Extensions for Very High Speed Digital Subscriber Lines (VDSL) Using Multiple Carrier Modulation (MCM) Line Coding	4070*

-----	Definitions of Managed Object Extensions for Very High Speed Digital Subscriber Lines (VDSL) Using Single Carrier Modulation (SCM) Line Coding	4069*
-----	Experimental Message, Extensions, and Error Codes for Mobile IPv4	4064*
-----	RTP Payload Formats for European Telecommunications Standards Institute (ETSI) European Standard ES 202 050, ES 202 211, and ES 202 212 Distributed Speech Recognition Encoding	4060*
-----	Use of the RSASSA-PSS Signature Algorithm in Cryptographic Message Syntax (CMS)	4056*
-----	Additional Algorithms and Identifiers for RSA Cryptography for use in the Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile	4055*
-----	Additional XML Security Uniform Resource Identifiers (URIs)	4051*
-----	Fibre Channel Management MIB	4044*
-----	Internet X.509 Public Key Infrastructure Permanent Identifier	4043*
-----	RTP Payload Format for a 64 kbit/s Transparent Call	4040*
-----	Rapid Commit Option for the Dynamic Host Configuration Protocol version 4 (DHCPv4)	4039*
-----	Open Pluggable Edge Services (OPES) Callout Protocol (OCP) Core	4037*
-----	Management Information Base for Data Over Cable Service Interface Specification (DOCSIS) Cable Modem Termination Systems for Subscriber Management	4036*
-----	Protocol Modifications for the DNS Security Extensions	4035*
-----	Resource Records for the DNS Security Extensions	4034*
-----	DNS Security Introduction and Requirements	4033*
-----	Update to the Session Initiation Protocol (SIP) Preconditions Framework	4032*
-----	The Authentication Suboption for the Dynamic Host Configuration Protocol (DHCP) Relay Agent Option	4030*
-----	Session Timers in the Session Initiation Protocol (SIP)	4028*
-----	A Method for Storing IPsec Keying Material in DNS	4025*
-----	Encapsulating MPLS in IP or Generic Routing Encapsulation (GRE)	4023*
MIB-TCP	Management Information Base for the Transmission Control Protocol (TCP)	4022*
-----	Registration of Mail and MIME Header Fields	4021*
-----	RObust Header Compression (ROHC): Profiles for User Datagram Protocol (UDP) Lite	4019*



-----	Finding Internet Small Computer Systems Interface (iSCSI) Targets and Name Servers by Using Service Location Protocol version 2 (SLPv2)	4018*
-----	The Eifel Response Algorithm for TCP	4015*
-----	Remote Authentication Dial-In User Service (RADIUS) Attributes Suboption for the Dynamic Host Configuration Protocol (DHCP) Relay Agent Information Option	4014*
-----	SASLprep: Stringprep Profile for User Names and Passwords	4013*
-----	Routing Policy Specification Language next generation (RPSLNg)	4012*
-----	Policy Based Management MIB	4011*
-----	Use of the SEED Encryption Algorithm in Cryptographic Message Syntax (CMS)	4010*
-----	Definitions of Managed Objects for Network Address Translators (NAT)	4008*
-----	IPv6 Scoped Address Architecture	4007*
-----	Diameter Credit-Control Application	4006*
-----	Diameter Network Access Server Application	4005*
-----	Diameter Mobile IPv4 Application	4004*
-----	GMPLS Signaling Procedure for Egress Control	4003*
-----	IANA Registration for Enumservice 'web' and 'ft'	4002*
-----	Textual Conventions for Internet Network Addresses	4001*
-----	Internet Printing Protocol (IPP): Job and Printer Administrative Operations	3998*
-----	Internet Printing Protocol (IPP): The 'ippget' Delivery Method for Event Notifications	3996*
-----	Internet Printing Protocol (IPP): Event Notifications and Subscriptions	3995*
-----	Indication of Message Composition for Instant Messaging	3994*
-----	Subscriber-ID Suboption for the Dynamic Host Configuration Protocol (DHCP) Relay Agent Option	3993*
-----	Internationalized Resource Identifiers (IRIs)	3987*
-----	RTP Payload Format for H.264 Video	3984*
-----	Using the Internet Registry Information Service (IRIS) over the Blocks Extensible Exchange Protocol (BEEP)	3983*
-----	IRIS: A Domain Registry (dreg) Type for the Internet Registry Information Service (IRIS)	3982*
-----	IRIS: The Internet Registry Information Service (IRIS) Core Protocol	3981*
-----	T11 Network Address Authority (NAA) Naming Format for iSCSI Node Names	3980*
-----	Network News Transfer Protocol (NNTP)	3977*
-----	Cryptographically Generated Addresses (CGA)	3972*
-----	SEcure Neighbor Discovery (SEND)	3971*

-----	A Traffic Engineering (TE) MIB	3970*
-----	The tel URI for Telephone Numbers	3966*
-----	Network Mobility (NEMO) Basic Support Protocol	3963*
-----	Advanced Encryption Standard (AES) Encryption for Kerberos 5	3962*
-----	Encryption and Checksum Specifications for Kerberos 5	3961*
-----	The Early Session Disposition Type for the Session Initiation Protocol (SIP)	3959*
-----	Domain-Based Application Service Location Using SRV RRs and the Dynamic Delegation Discovery Service (DDDS)	3958*
-----	Authentication, Authorization, and Accounting (AAA) Registration Keys for Mobile IPv4	3957*
-----	Embedding the Rendezvous Point (RP) Address in an IPv6 Multicast Address	3956*
-----	Telephone Number Mapping (ENUM) Service Registration for Presence Services	3953*
-----	UDP Encapsulation of IPsec ESP Packets	3948*
-----	Negotiation of NAT-Traversal in the IKE	3947*
-----	Generalized Multi-Protocol Label Switching (GMPLS) Architecture	3945*
-----	Reclassifying Dynamic Host Configuration Protocol version 4 (DHCPv4) Options	3942*
-----	Calling Line Identification for Voice Mail Messages	3939*
-----	Video-Message Message-Context	3938*
-----	Layer Two Tunneling Protocol - Version 3 (L2TPv3)	3931*
-----	Lightweight Directory Access Protocol (LDAP) Client Update Protocol (LCUP)	3928*
-----	Dynamic Configuration of IPv4 Link-Local Addresses	3927*
-----	Vendor-Identifying Vendor Options for Dynamic Host Configuration Protocol version 4 (DHCPv4)	3925*
-----	End-to-End Signing and Object Encryption for the Extensible Messaging and Presence Protocol (XMPP)	3923*
-----	Mapping the Extensible Messaging and Presence Protocol (XMPP) to Common Presence and Instant Messaging (CPIM)	3922*
-----	Extensible Messaging and Presence Protocol (XMPP): Instant Messaging and Presence	3921*
-----	Extensible Messaging and Presence Protocol (XMPP): Core	3920*
-----	Domain Registry Grace Period Mapping for the Extensible Provisioning Protocol (EPP)	3915*
-----	The Session Initiation Protocol (SIP) "Join" Header	3911*
-----	The SPIRITS (Services in PSTN requesting Internet Services) Protocol	3910*
-----	Lightweight Directory Access Protocol (LDAP) Cancel Operation	3909*

-----	Session Initiation Protocol (SIP) Extension for Event State Publication	3903*
-----	Network Information Service (NIS) Configuration Options for Dynamic Host Configuration Protocol for IPv6 (DHCPv6)	3898*
DS3-E3-MIB	Definitions of Managed Objects for the DS3/E3 Interface Type	3896*
-----	Sieve Extension: Copying Without Side Effects	3894*
-----	Session Initiation Protocol (SIP) Authenticated Identity Body (AIB) Format	3893*
-----	The Session Initiation Protocol (SIP) Referred-By Mechanism	3892*
-----	The Session Initiation Protocol (SIP) "Replaces" Header	3891*
-----	A Transport Independent Bandwidth Modifier for the Session Description Protocol (SDP)	3890*
-----	Message Tracking Query Protocol	3887*
-----	An Extensible Message Format for Message Tracking Responses	3886*
-----	SMTP Service Extension for Message Tracking	3885*
-----	Detecting Inactive Neighbors over OSPF Demand Circuits (DC)	3883*
-----	Call Processing Language (CPL): A Language for User Control of Internet Telephony Services	3880*
-----	Deprecating Site Local Addresses	3879*
-----	Alarm Reporting Control Management Information Base (MIB)	3878*
-----	Alarm Management Information Base (MIB)	3877*
-----	Returning Matched Values with the Lightweight Directory Access Protocol version 3 (LDAPv3)	3876*
-----	Stream Control Transmission Protocol (SCTP) Management Information Base (MIB)	3873*
-----	Management Information Base for Telephony Routing over IP (TRIP)	3872*
-----	Signalling Connection Control Part User Adaptation Layer (SUA)	3868*
-----	Language Tags and Ranges in the Lightweight Directory Access Protocol (LDAP)	3866
-----	A No Soliciting Simple Mail Transfer Protocol (SMTP) Service Extension	3865*
-----	Presence Information Data Format (PIDF)	3863*
-----	Common Presence and Instant Messaging (CPIM): Message Format	3862*
-----	Address Resolution for Instant Messaging and Presence	3861*
-----	Common Profile for Instant Messaging (CPIM)	3860*
-----	Common Profile for Presence (CPP)	3859*
-----	An Extensible Markup Language (XML) Based Format for Watcher Information	3858*

-----	A Watcher Information Event Template-Package for the Session Initiation Protocol (SIP)	3857*
-----	A Presence Event Package for the Session Initiation Protocol (SIP)	3856*
-----	Transporting Secure/Multipurpose Internet Mail Extensions (S/MIME) Objects in X.400	3855
-----	Securing X.400 Content with Secure/Multipurpose Internet Mail Extensions (S/MIME)	3854
SIP	S/MIME Advanced Encryption Standard (AES) Requirement for the Session Initiation Protocol (SIP)	3853
-----	Cryptographic Message Syntax (CMS)	3852
-----	Secure/Multipurpose Internet Mail Extensions (S/MIME) Version 3.1 Message Specification	3851
-----	Secure/Multipurpose Internet Mail Extensions (S/MIME) Version 3.1 Certificate Handling	3850
-----	ESMTP and LMTP Transmission Types Registration	3848
-----	Mobile IPv4 Extension for Carrying Network Access Identifiers	3846
-----	RObust Header Compression (ROHC): A Compression Profile for IP	3843
-----	A Message Summary and Message Waiting Indication Event Package for the Session Initiation Protocol (SIP)	3842*
-----	Caller Preferences for the Session Initiation Protocol (SIP)	3841*
-----	Indicating User Agent Capabilities in the Session Initiation Protocol (SIP)	3840*
-----	MIME Type Registrations for 3rd Generation Partnership Project (3GPP) Multimedia files	3839
-----	Recommendations for Automatic Responses to Electronic Mail	3834*
-----	MIKEY: Multimedia Internet KEYing	3830*
-----	The Lightweight User Datagram Protocol (UDP-Lite)	3828
-----	The Advanced Encryption Standard (AES) Cipher Algorithm in the SNMP User-based Security Model	3826
-----	Dynamic Host Configuration Protocol Option for Coordinate-based Location Configuration Information	3825
-----	Finding Fibre Channel over TCP/IP (FCIP) Entities Using Service Location Protocol version 2 (SLPv2)	3822
-----	Fibre Channel Over TCP/IP (FCIP)	3821
-----	Internet X.509 Public Key Infrastructure (PKI) Proxy Certificate Profile	3820
-----	Definitions of Managed Objects for RObust Header Compression (ROHC)	3816
-----	Definitions of Managed Objects for the Multiprotocol Label Switching (MPLS), Label Distribution Protocol (LDP)	3815

-----	Multiprotocol Label Switching (MPLS) Forwarding Equivalence Class To Next Hop Label Forwarding Entry (FEC-To-NHLFE) Management Information Base (MIB)	3814
-----	Multiprotocol Label Switching (MPLS) Label Switching Router (LSR) Management Information Base (MIB)	3813
-----	Multiprotocol Label Switching (MPLS) Traffic Engineering (TE) Management Information Base (MIB)	3812
-----	Definitions of Textual Conventions (TCs) for Multiprotocol Label Switching (MPLS) Management	3811
-----	Multicast Listener Discovery Version 2 (MLDv2) for IPv6	3810
-----	V5.2-User Adaptation Layer (V5UA)	3807
Print-MIB	Printer MIB v2	3805
-----	Voice Profile for Internet Mail (VPIM) Addressing	3804
-----	Security Considerations for Signaling Transport (SIGTRAN) Protocols	3788
-----	The NewReno Modification to TCP's Fast Recovery Algorithm	3782
-----	X.509 Extensions for IP Addresses and AS Identifiers	3779
-----	Using IPsec to Protect Mobile IPv6 Signaling Between Mobile Nodes and Home Agents	3776
-----	Mobility Support in IPv6	3775
-----	Point-to-Point Protocol (PPP) Vendor Protocol	3772
-----	Securely Available Credentials Protocol	3767
-----	enumservice registration for Session Initiation Protocol (SIP) Addresses-of-Record	3764
-----	Telephone Number Mapping (ENUM) Service Registration for H.323	3762
-----	The E.164 to Uniform Resource Identifiers (URI) Dynamic Delegation Discovery System (DDDS) Application (ENUM)	3761
-----	Stream Control Transmission Protocol (SCTP) Partial Reliability Extension	3758
-----	Transport Layer Security Protocol Compression Methods	3749
PPP-EAP	Extensible Authentication Protocol (EAP)	3748
-----	The Differentiated Services Configuration MIB	3747
-----	MIME Type Registrations for JPEG 2000 (ISO/IEC 15444)	3745
-----	Web Distributed Authoring and Versioning (WebDAV) Access Control Protocol	3744
-----	Internet X.509 Public Key Infrastructure: Qualified Certificates Profile	3739
-----	IANA Guidelines for the Registry of Remote Monitoring (RMON) MIB modules	3737
-----	Stateless Dynamic Host Configuration Protocol (DHCP) Service for IPv6	3736
-----	Application Performance Measurement MIB	3729
-----	Definitions of Managed Objects for Very High Speed Digital Subscriber Lines (VDSL)	3728

-----	ASN.1 Module Definition for the LDAP and X.500 Component Matching Rules	3727
-----	Securing Block Storage Protocols over IP	3723
-----	String Profile for Internet Small Computer Systems Interface (iSCSI) Names	3722
-----	Internet Small Computer Systems Interface (iSCSI)	3720
-----	The Secure Real-time Transport Protocol (SRTP)	3711
-----	Internet X.509 Public Key Infrastructure: Logotypes in X.509 Certificates	3709
-----	High Capacity Textual Conventions for MIB Modules Using Performance History Based on 15 Minute Intervals	3705
-----	Policy Core Lightweight Directory Access Protocol (LDAP) Schema	3703
-----	Lightweight Directory Access Protocol (LDAP): Additional Matching Rules	3698
-----	IPv6 Flow Label Specification	3697
-----	Internet Message Access Protocol (IMAP) UNSELECT command	3691
-----	Lightweight Directory Access Protocol (LDAP) and X.500 Component Matching Rules	3687
-----	Using Advanced Encryption Standard (AES) Counter Mode With IPsec Encapsulating Security Payload (ESP)	3686
-----	A Session Initiation Protocol (SIP) Event Package for Registrations	3680
-----	The Text/Plain Format and DelSp Parameters	3676
-----	Lightweight Directory Access Protocol version 3 (LDAPv3): All Operational Attributes	3673
-----	Subentries in the Lightweight Directory Access Protocol (LDAP)	3672
-----	Collective Attributes in the Lightweight Directory Access Protocol (LDAP)	3671
-----	Information Model for Describing Network Device QoS Datapath Mechanisms	3670
FTP	Extensions to FTP	3659*
-----	Use of the Camellia Encryption Algorithm in Cryptographic Message Syntax (CMS)	3657
-----	Web Distributed Authoring and Versioning (WebDAV) Ordered Collections Protocol	3648
-----	DNS Configuration options for Dynamic Host Configuration Protocol for IPv6 (DHCPv6)	3646
-----	Generic Security Service Algorithm for Secret Key Transaction Authentication for DNS (GSS-TSIG)	3645
-----	Policy Quality of Service (QoS) Information Model	3644
-----	Fibre Channel (FC) Frame Encapsulation	3643
-----	Common Elements of Generic String Encoding Rules (GSER) Encodings	3642
-----	Generic String Encoding Rules (GSER) for ASN.1 Types	3641

-----	RTP Payload Format for Transport of MPEG-4 Elementary Streams	3640
-----	Definitions of Managed Objects for the Ethernet WAN Interface Sublayer	3637
-----	Definitions of Managed Objects for the Ethernet-like Interface Types	3635
-----	Key Distribution Center (KDC) Server Address Sub-option for the Dynamic Host Configuration Protocol (DHCP) CableLabs Client Configuration (CCC) Option	3634
-----	IPv6 Prefix Options for Dynamic Host Configuration Protocol (DHCP) version 6	3633
-----	Traffic Engineering (TE) Extensions to OSPF Version 2	3630
-----	Graceful OSPF Restart	3623
-----	Power Ethernet MIB	3621
-----	The TUNNEL Profile	3620
-----	RTP Control Protocol Extended Reports (RTCP XR)	3611
-----	Session Initiation Protocol (SIP) Extension Header Field for Service Route Discovery During Registration	3608
-----	Definitions of Supplemental Managed Objects for ATM Interface	3606
-----	Real Time Control Protocol (RTCP) attribute in Session Description Protocol (SDP)	3605
-----	The AES-CBC Cipher Algorithm and Its Use with IPsec	3602
-----	Text String Notation for Dial Sequences and Global Switched Telephone Network (GSTN) / E.164 Addresses	3601
-----	Handling of Unknown DNS Resource Record (RR) Types	3597
-----	Textual Conventions for IPv6 Flow Label	3595
-----	PacketCable Security Ticket Control Sub-Option for the DHCP CableLabs Client Configuration (CCC) Option	3594
-----	Definitions of Managed Objects for the Optical Interface Type	3591
-----	Source Address Selection for the Multicast Listener Discovery (MLD) Protocol	3590
-----	Diameter Base Protocol	3588
-----	IP Security Policy (IPSP) Requirements	3586
-----	IPsec Configuration Policy Information Model	3585
-----	An Extension to the Session Initiation Protocol (SIP) for Symmetric Response Routing	3581
-----	Mapping of Integrated Services Digital Network (ISDN) User Part (ISUP) Overlap Signalling to the Session Initiation Protocol (SIP)	3578
-----	IANA Considerations for RADIUS (Remote Authentication Dial In User Service)	3575
-----	Signalling of Modem-On-Hold status in Layer 2 Tunneling Protocol (L2TP)	3573
-----	The AES-XCBC-MAC-96 Algorithm and Its Use With IPsec	3566

-----	Use of the Advanced Encryption Standard (AES) Encryption Algorithm in Cryptographic Message Syntax (CMS)	3565
-----	Use of the RSAES-OAEP Key Transport Algorithm in Cryptographic Message Syntax (CMS)	3560
-----	Multicast Address Allocation MIB	3559
-----	RTP Payload Format for Enhanced Variable Rate Codecs (EVRC) and Selectable Mode Vocoders (SMV)	3558
-----	RTP Payload Format for European Telecommunications Standards Institute (ETSI) European Standard ES 201 108 Distributed Speech Recognition Encoding	3557
-----	Session Description Protocol (SDP) Bandwidth Modifiers for RTP Control Protocol (RTCP) Bandwidth	3556
-----	On the Use of Stream Control Transmission Protocol (SCTP) with IPsec	3554
-----	The Group Domain of Interpretation	3547
-----	Enhanced Compressed RTP (CRTP) for Links with High Delay, Packet Loss and Reordering	3545
IPCOM-PPP	IP Header Compression over PPP	3544
-----	Registration Revocation in Mobile IPv4	3543
-----	Authentication, Authorization and Accounting (AAA) Transport Profile	3539
-----	Wrapping a Hashed Message Authentication Code (HMAC) key with a Triple-Data Encryption Standard (DES) Key or an Advanced Encryption Standard (AES) Key	3537
-----	The application/ogg Media Type	3534
NFSv4	Network File System (NFS) version 4 Protocol	3530
-----	Link Selection sub-option for the Relay Agent Information Option for DHCPv4	3527
-----	More Modular Exponential (MODP) Diffie-Hellman groups for Internet Key Exchange (IKE)	3526
-----	Mapping of Media Streams to Resource Reservation Flows	3524
-----	Session Authorization Policy Element	3520
-----	Mobile IP Traversal of Network Address Translation (NAT) Devices	3519
PPP-BCP	Point-to-Point Protocol (PPP) Bridging Control Protocol (BCP)	3518
-----	A Conservative Selective Acknowledgment (SACK)-based Loss Recovery Algorithm for TCP	3517
-----	IMAP4 Binary Content Extension	3516
-----	The Session Initiation Protocol (SIP) Refer Method	3515
IPP-E-T	Internet Printing Protocol/1.1: IPP URL Scheme	3510
-----	Message Disposition Notification (MDN) profile for Internet Message Access Protocol (IMAP)	3503
-----	Internet Message Access Protocol (IMAP) - MULTIAPPEND Extension	3502
IMAPv4	INTERNET MESSAGE ACCESS PROTOCOL - VERSION 4rev1	3501



-----	Definitions of Managed Objects for Synchronous Optical Network (SONET) Linear Automatic Protection Switching (APS) Architectures	3498
-----	RTP Payload Format for Society of Motion Picture and Television Engineers (SMPTE) 292M Video	3497
-----	Dynamic Host Configuration Protocol (DHCP) Option for CableLabs Client Configuration	3495
-----	Punycode: A Bootstring encoding of Unicode for Internationalized Domain Names in Applications (IDNA)	3492
-----	Nameprep: A Stringprep Profile for Internationalized Domain Names (IDN)	3491
-----	Internationalizing Domain Names in Applications (IDNA)	3490
-----	STUN - Simple Traversal of User Datagram Protocol (UDP) Through Network Address Translators (NATs)	3489
-----	Compressing the Session Initiation Protocol (SIP)	3486
-----	The Session Initiation Protocol (SIP) and Session Description Protocol (SDP) Static Dictionary for Signaling Compression (SigComp)	3485
-----	Default Address Selection for Internet Protocol version 6 (IPv6)	3484
-----	Signalling Unnumbered Links in CR-LDP (Constraint-Routing Label Distribution Protocol)	3480
-----	Fault Tolerance for the Label Distribution Protocol (LDP)	3479
-----	Graceful Restart Mechanism for Label Distribution Protocol	3478
-----	Signalling Unnumbered Links in Resource ReSerVation Protocol - Traffic Engineering (RSVP-TE)	3477
-----	Generalized Multi-Protocol Label Switching (GMPLS) Signaling Resource ReserVation Protocol-Traffic Engineering (RSVP-TE) Extensions	3473
-----	Generalized Multi-Protocol Label Switching (GMPLS) Signaling Constraint-based Routed Label Distribution Protocol (CR-LDP) Extensions	3472
-----	Generalized Multi-Protocol Label Switching (GMPLS) Signaling Functional Description	3471
CIM	Policy Core Information Model (PCIM) Extensions	3460
-----	Critical Content Multi-purpose Internet Mail Extensions (MIME) Parameter	3459
-----	Message Context for Internet Mail	3458
-----	Dynamic Host Configuration Protocol (DHCPv4) Configuration of IPsec Tunnel Mode	3456
-----	Preparation of Internationalized Strings ("stringprep")	3454
-----	TCP Friendly Rate Control (TFRC): Protocol Specification	3448

-----	Time To Live (TTL) Processing in Multi-Protocol Label Switching (MPLS) Networks	3443
-----	The Classless Static Route Option for Dynamic Host Configuration Protocol (DHCP) version 4	3442
-----	Definitions of Extension Managed Objects for Asymmetric Digital Subscriber Lines	3440
-----	Layer-Two Tunneling Protocol Extensions for PPP Link Control Protocol Negotiation	3437
-----	Transport Layer Security over Stream Control Transmission Protocol	3436
-----	Remote Monitoring MIB Extensions for High Capacity Alarms	3434
-----	Entity Sensor Management Information Base	3433
-----	Network performance measurement with periodic streams	3432
-----	Session Initiation Protocol (SIP) Extension for Instant Messaging	3428
-----	Obsoleting IQUERY	3425
-----	Internet Media Type message/sipfrag	3420
-----	Textual Conventions for Transport Addresses	3419
-----	Zero-byte Support for Bidirectional Reliable Mode (R-mode) in Extended Link-Layer Assisted ROBust Header Compression (ROHC) Profile	3408
-----	Session Description Protocol (SDP) Simple Capability Declaration	3407
NAPTR	Dynamic Delegation Discovery System (DDDS) Part Four: The Uniform Resource Identifiers (URI)	3404
NAPTR	Dynamic Delegation Discovery System (DDDS) Part Three: The Domain Name System (DNS) Database	3403
NAPTR	Dynamic Delegation Discovery System (DDDS) Part Two: The Algorithm	3402
-----	Integrated Services Digital Network (ISDN) User Part (ISUP) to Session Initiation Protocol (SIP) Mapping	3398
-----	Dynamic Host Configuration Protocol (DHCP) Domain Search Option	3397
-----	Encoding Long Options in the Dynamic Host Configuration Protocol (DHCPv4)	3396
RMON-MIB	Remote Network Monitoring MIB Protocol Identifier Reference Extensions	3395
-----	IP Packet Delay Variation Metric for IP Performance Metrics (IPPM)	3393
-----	Increasing TCP's Initial Window	3390
-----	Real-time Transport Protocol (RTP) Payload for Comfort Noise (CN)	3389
-----	Grouping of Media Lines in the Session Description Protocol (SDP)	3388
IPP-E-T	Internet Printing Protocol (IPP): The 'collection' attribute syntax	3382

IPP-E-T	Internet Printing Protocol (IPP): Job Progress Attributes	3381
IPP-E-T	Internet Printing Protocol (IPP): Job and Printer Set Operations	3380
IGMP	Internet Group Management Protocol, Version 3	3376
-----	Layer Two Tunneling Protocol "L2TP" Management Information Base	3371
-----	Cryptographic Message Syntax (CMS) Algorithms	3370
-----	The 'go' URI Scheme for the Common Name Resolution Protocol	3368
-----	Common Name Resolution Protocol (CNRP)	3367
-----	Real-time Facsimile (T.38) - image/t38 MIME Sub-type Registration	3362
-----	Dynamic Host Configuration Protocol (DHCP-for-IPv4) Option for Session Initiation Protocol (SIP) Servers	3361
-----	Layer Two Tunneling Protocol (L2TP) Over ATM Adaptation Layer 5 (AAL5)	3355
-----	Small Computer Systems Interface protocol over the Internet (iSCSI) Requirements and Design Considerations	3347
MOBILEIPSU	IP Mobility Support for IPv4	3344
-----	The Application Exchange (APEX) Option Party Pack, Part Deux!	3342
-----	The Application Exchange (APEX) Access Service	3341
-----	The Application Exchange Core	3340
-----	Date and Time on the Internet: Timestamps	3339
-----	Class Extensions for PPP over Asynchronous Transfer Mode Adaptation Layer 2	3337
-----	PPP Over Asynchronous Transfer Mode Adaptation Layer 2 (AAL2)	3336
-----	MIME-based Secure Peer-to-Peer Business Data Interchange over the Internet	3335
-----	Signaling System 7 (SS7) Message Transfer Part 2 (MTP2) - User Adaptation Layer	3331
-----	Security Mechanism Agreement for the Session Initiation Protocol (SIP)	3329
-----	Session Initiation Protocol (SIP) Extension Header Field for Registering Non-Adjacent Contacts	3327
-----	The Reason Header Field for the Session Initiation Protocol (SIP)	3326
-----	A Privacy Mechanism for the Session Initiation Protocol (SIP)	3323
-----	Signaling Compression (SigComp) - Extended Operations	3321
-----	Signaling Compression (SigComp)	3320
-----	Dynamic Host Configuration Protocol (DHCPv6) Options for Session Initiation Protocol (SIP) Servers	3319
-----	Dynamic Host Configuration Protocol for IPv6 (DHCPv6)	3315

-----	Integration of Resource Management and Session Initiation Protocol (SIP)	3312
-----	The Session Initiation Protocol (SIP) UPDATE Method	3311
-----	Layer Two Tunneling Protocol (L2TP) Differentiated Services Extension	3308
-----	Allocation Guidelines for IPv6 Multicast Addresses	3307
-----	Unicast-Prefix-based IPv6 Multicast Addresses	3306
-----	Layer Two Tunneling Protocol (L2TP): ATM access network extensions	3301
-----	Content Negotiation for Messaging Services based on Email	3297
-----	Named Subordinate References in Lightweight Directory Access Protocol (LDAP) Directories	3296
-----	Definitions of Managed Objects for the General Switch Management Protocol (GSMP)	3295
-----	General Switch Management Protocol (GSMP) Packet Encapsulations for Asynchronous Transfer Mode (ATM), Ethernet and Transmission Control Protocol (TCP)	3293
-----	General Switch Management Protocol (GSMP) V3	3292
-----	Management Information Base for the Differentiated Services Architecture	3289
-----	Remote Monitoring MIB Extensions for Differentiated Services	3287
-----	The VCDIFF Generic Differencing and Compression Data Format	3284
-----	An Internet Attribute Certificate Profile for Authorization	3281
-----	Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile	3280
-----	Algorithms and Identifiers for the Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile	3279
-----	Compressed Data Content Type for Cryptographic Message Syntax (CMS)	3274
-----	Remote Network Monitoring Management Information Base for High Capacity Networks	3273
-----	Multi-Protocol Label Switching (MPLS) Support of Differentiated Services	3270
-----	Advanced Encryption Standard (AES) Ciphersuites for Transport Layer Security (TLS)	3268
SIP	Session Initiation Protocol (SIP)-Specific Event Notification	3265
SIP	An Offer/Answer Model with Session Description Protocol (SDP)	3264
SIP	Session Initiation Protocol (SIP): Locating SIP Servers	3263
SIP	Reliability of Provisional Responses in Session Initiation Protocol (SIP)	3262

SIP	SIP: Session Initiation Protocol	3261
-----	The DOCSIS (Data-Over-Cable Service Interface Specifications) Device Class DHCP (Dynamic Host Configuration Protocol) Relay Agent Information Sub-option	3256
-----	Extending Point-to-Point Protocol (PPP) over Synchronous Optical Network/Synchronous Digital Hierarchy (SONET/SDH) with virtual concatenation, high order and low order payloads	3255
-----	Versioning Extensions to WebDAV (Web Distributed Authoring and Versioning)	3253
-----	An Expedited Forwarding PHB (Per-Hop Behavior)	3246
-----	Robust Header Compression (ROHC) over PPP	3241
-----	Definitions of Managed Objects for Scheduling Management Operations	3231
-----	Instance Digests in HTTP	3230
-----	Delta encoding in HTTP	3229
-----	DNSSEC and IPv6 A6 aware server/resolver message size requirements	3226
-----	Indicating Resolver Support of DNSSEC	3225
SLP	Vendor Extensions for Service Location Protocol, Version 2	3224
-----	Telephony Routing over IP (TRIP)	3219
-----	LSP Modification Using CR-LDP	3214
-----	Constraint-Based LSP Setup using LDP	3212
-----	RSVP-TE: Extensions to RSVP for LSP Tunnels	3209
-----	SMTP Service Extension for Secure SMTP over Transport Layer Security	3207
-----	The SYS and AUTH POP Response Codes	3206
-----	MIME media types for ISUP and QSIG Objects	3204
-----	DHCP reconfigure extension	3203
-----	Definitions of Managed Objects for Frame Relay Service Level Definitions	3202
-----	Definitions of Managed Objects for Circuit to Interface Translation	3201
-----	Reliable Delivery for syslog	3195
-----	Securing L2TP using IPsec	3193
-----	RTP Payload Format for 12-bit DAT Audio and 20- and 24-bit Linear Sampled Audio	3190
-----	RTP Payload Format for DV (IEC 61834) Video	3189
-----	Reuse of CMS Content Encryption Keys	3185
-----	Identity Representation for RSVP	3182
-----	Signaled Preemption Priority Policy Element	3181
-----	Aggregation of RSVP for IPv4 and IPv6 Reservations	3175
IPCOMP	IP Payload Compression Protocol (IPComp)	3173
-----	The Addition of Explicit Congestion Notification (ECN) to IP	3168

-----	Definitions of Managed Objects for the Delegation of Management Scripts	3165
-----	RADIUS and IPv6	3162
TSA	Internet X.509 Public Key Infrastructure Time-Stamp Protocol (TSP)	3161
PIB	Structure of Policy Provisioning Information (SPPI)	3159
MIME-PGP	MIME Security with OpenPGP	3156
-----	PPP Multiplexing	3153
-----	Transmission of IPv6 Packets over IEEE 1394 Networks	3146
-----	L2TP Disconnect Cause Information	3145
-----	Remote Monitoring MIB Extensions for Interface Parameters Monitoring	3144
-----	Per Hop Behavior Identification Codes	3140
-----	The Congestion Manager	3124
-----	Extensions to IPv6 Neighbor Discovery for Inverse Discovery Specification	3122
-----	Authentication for DHCP Messages	3118
-----	Mobile IP Vendor/Organization-Specific Extensions	3115
-----	Service Location Protocol Modifications for IPv6	3111
-----	RSA/SHA-1 SIGs and RSA KEYS in the Domain Name System (DNS)	3110
-----	Conventions for the use of the Session Description Protocol (SDP) for ATM Bearer Connections	3108
SDP	Carrying Label Information in BGP-4	3107
OSPF-NSSA	The OSPF Not-So-Stubby Area (NSSA) Option	3101
RSVP	RSVP Cryptographic Authentication -- Updated Message Type Value	3097
-----	RObust Header Compression (ROHC): Framework and four profiles	3095
COPS-PR	COPS Usage for Policy Provisioning (COPS-PR)	3084
-----	Mapping the BEEP Core onto TCP	3081
BEEP	The Blocks Extensible Exchange Protocol Core	3080
-----	A Link-Layer Tunneling Mechanism for Unidirectional Links	3077
-----	DHC Load Balancing Algorithm	3074
L2TP-FR	Layer Two Tunneling Protocol (L2TP) over Frame Relay	3070
-----	An Anycast Prefix for 6to4 Relay Routers	3068
-----	LDAP Password Modify Extended Operation	3062
CIM	Policy Core Information Model -- Version 1 Specification	3060
SLPv2	Attribute List Extension for the Service Location Protocol	3059
-----	Connection of IPv6 Domains via IPv4 Clouds	3056
-----	Management Information Base for the PINT Services Architecture	3055
-----	TN3270E Service Location and Session Balancing	3049
-----	RTP Payload Format for ITU-T Recommendation G.722.1	3047
-----	DHCP Relay Agent Information Option	3046

-----	Enhancing TCP's Loss Recovery Using Limited Transmit	3042
-----	VCID Notification over ATM link for LDP	3038
-----	MPLS using LDP and ATM VC Switching	3035
-----	Use of Label Switching on Frame Relay Networks Specification	3034
-----	The Assignment of the Information Field and Protocol Identifier in the Q.2941 Generic Identifier and Q.2957 User-to-user Signaling for the Internet Protocol	3033
-----	MPLS Label Stack Encoding	3032
MPLS	Multiprotocol Label Switching Architecture	3031
-----	SMTP Service Extensions for Transmission of Large and Binary MIME Messages	3030
-----	Reverse Tunneling for Mobile IP, revised	3024
-----	XML Media Types	3023
-----	Using 31-Bit Prefixes on IPv4 Point-to-Point Links	3021
-----	Definitions of Managed Objects for Monitoring and Controlling the UNI/NNI Multilink Frame Relay Function	3020
-----	IP Version 6 Management Information Base for The Multicast Listener Discovery Protocol	3019
-----	XML DTD for Roaming Access Phone Book	3017
-----	RTP Payload Format for MPEG-4 Audio/Visual Streams	3016
-----	Notification Log MIB	3014
-----	The IPv4 Subnet Selection Option for DHCP	3011
-----	Secure Domain Name System (DNS) Dynamic Update	3007
-----	Integrated Services in the Presence of Compressible Flows	3006
-----	The User Class Option for DHCP	3004
-----	The audio/mpeg Media Type	3003
-----	Specification of the Null Service Type	2997
-----	Format of the RSVP DCLASS Object	2996
-----	Computing TCP's Retransmission Timer	2988
-----	Registration of Charset and Languages Media Features Tags	2987
-----	Use of the CAST-128 Encryption Algorithm in CMS	2984
-----	Distributed Management Expression MIB	2982
-----	Event MIB	2981
-----	The SIP INFO Method	2976
-----	IMAP4 ID extension	2971
-----	HTTP State Management Mechanism	2965
-----	RSVP Refresh Overhead Reduction Extensions	2961
-----	Real-Time Transport Protocol Management Information Base	2959
-----	Definitions of Managed Objects for Monitoring and Controlling the Frame Relay/ATM PVC Service Interworking Function	2955

FR-MIB	Definitions of Managed Objects for Frame Relay Service	2954
-----	Telnet Encryption: CAST-128 64 bit Cipher Feedback	2950
-----	Telnet Encryption: CAST-128 64 bit Output Feedback	2949
-----	Telnet Encryption: DES3 64 bit Output Feedback	2948
-----	Telnet Encryption: DES3 64 bit Cipher Feedback	2947
-----	Telnet Data Encryption Option	2946
-----	The SRP Authentication and Key Exchange System	2945
-----	Telnet Authentication: SRP	2944
-----	TELNET Authentication Using DSA	2943
-----	Telnet Authentication: Kerberos Version 5	2942
TOPT-AUTH	Telnet Authentication Option	2941
-----	Definitions of Managed Objects for Common Open Policy Service (COPS) Protocol Clients	2940
-----	Identifying Composite Media Features	2938
-----	The Name Service Search Option for DHCP	2937
IOTP-HTTP	Internet Open Trading Protocol (IOTP) HTTP Supplement	2935
-----	Internet Group Management Protocol MIB	2933
-----	DNS Request and Transaction Signatures ( SIG(0)s )	2931
TKEY-RR	Secret Key Establishment for DNS (TKEY RR)	2930
-----	List-Id: A Structured Field and Namespace for the Identification of Mailing Lists	2919
-----	Route Refresh Capability for BGP-4	2918
-----	MIME Content Types in Media Feature Expressions	2913
-----	Indicating Media Features for MIME Content	2912
IPP-M-S	Internet Printing Protocol/1.1: Model and Semantics	2911
IPP-E-T	Internet Printing Protocol/1.1: Encoding and Transport	2910
-----	MADCAP Multicast Scope Nesting State Option	2907
-----	Router Renumbering for IPv6	2894
-----	LDAP Control Extension for Server Side Sorting of Search Results	2891
-----	Key and Sequence Number Extensions to GRE	2890
SACK	An Extension to the Selective Acknowledgement (SACK) Option for TCP	2883
-----	Content Feature Schema for Internet Fax (V2)	2879
-----	Diffie-Hellman Proof-of-Possession Algorithms	2875
-----	TCP Processing of the IPv4 Precedence Field	2873
-----	Application and Sub Application Identity Policy Element for Use with RSVP	2872
-----	The Inverted Stack Table Extension to the Interfaces Group MIB	2864
-----	RTP Payload Format for Real-Time Pointers	2862
-----	The Use of HMAC-RIPEMD-160-96 within ESP and AH	2857
-----	Textual Conventions for Additional High Capacity Data Types	2856
-----	DHCP for IEEE 1394	2855



-----	Generic Security Service API Version 2 : Java Bindings	2853
-----	Deliver By SMTP Service Extension	2852
LDIF	The LDAP Data Interchange Format (LDIF) - Technical Specification	2849
-----	The PINT Service Protocol: Extensions to SIP and SDP for IP Access to Telephone Call Services	2848
LIPKEY	LIPKEY - A Low Infrastructure Public Key Mechanism Using SPKM	2847
-----	GSTN Address Element Extensions in E-mail Services	2846
TSIG	Secret Key Transaction Authentication for DNS (TSIG)	2845
GSN	IP and ARP over HIPPI-6400 (GSN)	2835
-----	ARP and IP Broadcast over HIPPI-800	2834
-----	Using Digest Authentication as a SASL Mechanism	2831
MAIL	Internet Message Format	2822
-----	Upgrading to TLS Within HTTP/1.1	2817
-----	Integrated Service Mappings on IEEE 802 Networks	2815
-----	SBM (Subnet Bandwidth Manager): A Protocol for RSVP-based Admission Control over IEEE 802-style networks	2814
-----	Certificate Management Messages over CMS	2797
-----	Mobile IP Network Access Identifier Extension for IPv4	2794
-----	Mail Monitoring MIB	2789
-----	Network Services Monitoring MIB	2788
-----	Definitions of Managed Objects for the Virtual Router Redundancy Protocol	2787
GRE	Generic Routing Encapsulation (GRE)	2784
DNS-SRV	A DNS RR for specifying the location of services (DNS SRV)	2782
MZAP	Multicast-Scope Zone Announcement Protocol (MZAP)	2776
RPSL	Routing Policy System Replication	2769
SIIT	Stateless IP/ICMP Translation Algorithm (SIIT)	2765
-----	RSVP Extensions for Policy Control	2750
-----	COPS usage for RSVP	2749
COPS	The COPS (Common Open Policy Service) Protocol	2748
-----	RSVP Cryptographic Authentication	2747
-----	RSVP Operation Over IP Tunnels	2746
-----	RSVP Diagnostic Messages	2745
-----	Generic Security Service API Version 2 : C-bindings	2744
-----	Generic Security Service Application Program Interface Version 2, Update 1	2743
-----	OSPF for IPv6	2740
-----	Calendar Attributes for vCard and LDAP	2739
-----	Corrections to "A Syntax for Describing Media Feature Sets"	2738
-----	NHRP Support for Virtual Private Networks	2735
-----	IPv4 over IEEE 1394	2734

MADCAP	Multicast Address Dynamic Client Allocation Protocol (MADCAP)	2730
-----	The Transmission of IP Over the Vertical Blanking Interval of a Television Signal	2728
-----	PGP Authentication for RIPE Database Updates	2726
-----	Routing Policy System Security	2725
-----	Traffic Flow Measurement: Meter MIB	2720
TLS	Addition of Kerberos Cipher Suites to Transport Layer Security (TLS)	2712
-----	IPv6 Router Alert Option	2711
MLD-IPv6	Multicast Listener Discovery (MLD) for IPv6	2710
-----	Integrated Services Mappings for Low Speed Networks	2688
-----	PPP in a Real-time Oriented HDLC-like Framing	2687
-----	The Multi-Class Extension to Multi-Link PPP	2686
VPNI	Virtual Private Networks Identifier	2685
-----	Multiprotocol Encapsulation over ATM Adaptation Layer 5	2684
-----	A Round-trip Delay Metric for IPPM	2681
-----	A One-way Packet Loss Metric for IPPM	2680
-----	A One-way Delay Metric for IPPM	2679
IPPM-MET	IPPM Metrics for Measuring Connectivity	2678
NHRP-MIB	Definitions of Managed Objects for the NBMA Next Hop Resolution Protocol (NHRP)	2677
-----	IPv6 Jumbograms	2675
-----	Non-Terminal DNS Name Redirection	2672
EDNS0	Extension Mechanisms for DNS (EDNS0)	2671
-----	Definitions of Managed Objects for the ADSL Lines	2662
L2TP	Layer Two Tunneling Protocol "L2TP"	2661
-----	RTP Payload Format for PureVoice(tm) Audio	2658
-----	CIP Transport Protocols	2653
-----	MIME Object Definitions for the Common Indexing Protocol (CIP)	2652
CIP	The Architecture of the Common Indexing Protocol (CIP)	2651
ODMR-SMTP	ON-DEMAND MAIL RELAY (ODMR) SMTP with Dynamic IP Addresses	2645
-----	Internationalization of the File Transfer Protocol	2640
-----	Enhanced Security Services for S/MIME	2634
-----	Diffie-Hellman Key Agreement Method	2631
-----	NFS Version 2 and Version 3 Security Issues and the NFS Protocol's Use of RPCSEC_GSS and Kerberos V5	2623
RPSL	Routing Policy Specification Language (RPSL)	2622
-----	PPP over SONET/SDH	2615
-----	DHCP Options for Service Location Protocol	2610
-----	Service Templates and Service: Schemes	2609
-----	Service Location Protocol, Version 2	2608
-----	Directory Server Monitoring MIB	2605
-----	ILMI-Based Server Discovery for NHRP	2603

-----	ILMI-Based Server Discovery for MARS	2602
-----	ILMI-Based Server Discovery for ATMARP	2601
-----	Assured Forwarding PHB Group	2597
-----	Using TLS with IMAP, POP3 and ACAP	2595
-----	Definitions of Managed Objects for WWW Services	2594
-----	Transmission of IPv6 Packets over Frame Relay Networks Specification	2590
LDAPv3	Lightweight Directory Access Protocol (v3): Extensions for Dynamic Directory Services	2589
-----	Internet X.509 Public Key Infrastructure Operational Protocols: FTP and HTTP	2585
-----	Definitions of Managed Objects for APPN/HPR in IP Networks	2584
TCP-CC	TCP Congestion Control	2581
APP-MIB	Application Management MIB	2564
-----	DHCP Option to Disable Stateless Auto-Configuration in IPv4 Clients	2563
TN3270E-RT	Definitions of Protocol and Managed Objects for TN3270E Response Time Collection Using SMIV2 (TN3270E-RT-MIB)	2562
-----	Base Definitions of Managed Objects for TN3270E Using SMIV2	2561
PKIX	X.509 Internet Public Key Infrastructure Online Certificate Status Protocol - OCSP	2560
MHTML	MIME Encapsulation of Aggregate Documents, such as HTML (MHTML)	2557
-----	Use of BGP-4 Multiprotocol Extensions for IPv6 Inter-Domain Routing	2545
DHK-DNS	Storage of Diffie-Hellman Keys in the Domain Name System (DNS)	2539
-----	DSA KEYS and SIGs in the Domain Name System (DNS)	2536
-----	Media Features for Display, Print, and Fax	2534
-----	A Syntax for Describing Media Feature Sets	2533
-----	Extended Facsimile Using Internet Mail	2532
-----	Indicating Supported Media Features Using Extensions to DSN and MDN	2530
-----	Transmission of IPv6 over IPv4 Domains without Explicit Tunnels	2529
-----	Reserved IPv6 Subnet Anycast Addresses	2526
ATM-MIBMAN	Definitions of Managed Objects for ATM Management	2515
ATM-TC-OID	Definitions of Textual Conventions and OBJECT-IDENTITIES for ATM Management	2514
-----	Managed Objects for Controlling the Collection and Storage of Accounting Information for Connection-Oriented Networks	2513
-----	Accounting Information for ATM Networks	2512
-----	Compressing IP/UDP/RTP Headers for Low-Speed Serial Links	2508

-----	IP Header Compression	2507
-----	Transmission of IPv6 Packets over ARCnet Networks	2497
-----	Definitions of Managed Objects for the DS0 and DS0 Bundle Interface Type	2494
IPv6ATMNET	IPv6 over ATM Networks	2492
IPv6-NBMA	IPv6 over Non-Broadcast Multiple Access (NBMA) networks	2491
-----	DHCP Option for The Open Group's User Authentication Protocol	2485
-----	PPP LCP Internationalization Configuration Option	2484
-----	Gateways and MIME Security Multiparts	2480
-----	Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers	2474
-----	Generic Packet Tunneling in IPv6 Specification	2473
-----	Transmission of IPv6 Packets over Token Ring Networks	2470
-----	Transmission of IPv6 Packets over FDDI Networks	2467
-----	Transmission of IPv6 Packets over Ethernet Networks	2464
EBN-MIB	Definitions of Managed Objects for Extended Border Node	2457
-----	Definitions of Managed Objects for APPN TRAPS	2456
APPN-MIB	Definitions of Managed Objects for APPN	2455
-----	The ESP CBC-Mode Cipher Algorithms	2451
POP3-EXT	POP3 Extension Mechanism	2449
IMIP	iCalendar Message-Based Interoperability Protocol (iMIP)	2447
ITIP	iCalendar Transport-Independent Interoperability Protocol (iTIP) Scheduling Events, BusyTime, To-dos and Journal Entries	2446
ICALNDAR	Internet Calendaring and Scheduling Core Object Specification (iCalendar)	2445
OTP-SASL	The One-Time-Password SASL Mechanism	2444
-----	BGP Route Flap Damping	2439
-----	RTP Payload Format for JPEG-compressed Video	2435
-----	RTP Payload Format for BT.656 Video Encoding	2431
-----	FTP Extensions for IPv6 and NATs	2428
MIME-VCARD	vCard MIME Directory Profile	2426
TXT-DIR	A MIME Content-Type for Directory Information	2425
3DESE	The PPP Triple-DES Encryption Protocol (3DESE)	2420
DESE-bis	The PPP DES Encryption Protocol, Version 2 (DESE-bis)	2419
-----	Definitions of Managed Objects for Multicast over UNI 3.0/3.1 based ATM Networks	2417
-----	The NULL Encryption Algorithm and Its Use With IPsec	2410
ESPDES-CBC	The ESP DES-CBC Cipher Algorithm With Explicit IV	2405
-----	The Use of HMAC-SHA-1-96 within ESP and AH	2404
-----	The Use of HMAC-MD5-96 within ESP and AH	2403
DATA-URL	The "data" URL scheme	2397
CIDMID-URL	Content-ID and Message-ID Uniform Resource Locators	2392

-----	Feature negotiation mechanism for the File Transfer Protocol	2389
-----	Returning Values from Forms: multipart/form-data	2388
MIME-RELAT	The MIME Multipart/Related Content-type	2387
-----	Protection of BGP Sessions via the TCP MD5 Signature Option	2385
POP-URL	POP URL Scheme	2384
-----	Interoperation of Controlled-Load Service and Guaranteed Service with ATM	2381
-----	RSVP over ATM Implementation Requirements	2380
TIPV3	Transaction Internet Protocol Version 3.0	2371
OSPF-LSA	The OSPF Opaque LSA Option	2370
-----	The Use of URLs as Meta-Syntax for Core Mail List Commands and their Transport through Message Header Fields	2369
URLMAILTO	The mailto URL scheme	2368
PPP-AAL	PPP Over AAL5	2364
PPP-FUNI	PPP Over FUNI	2363
IMAP4NAME	IMAP4 Namespace	2342
NHRP-SCSP	A Distributed NHRP Service Using SCSP	2335
SCSP	Server Cache Synchronization Protocol (SCSP)	2334
-----	NHRP Protocol Applicability Statement	2333
NHRP	NBMA Next Hop Resolution Protocol (NHRP)	2332
UNI-SIG	ATM Signalling Support for IP over ATM - UNI Signalling 4.0 Update	2331
RTSP	Real Time Streaming Protocol (RTSP)	2326
IPOA-MIB	Definitions of Managed Objects for Classical IP and ARP Over ATM Using SMIPv2 (IPOA-MIB)	2320
DNS-NCACHE	Negative Caching of DNS Queries (DNS NCACHE)	2308
OR-ADD	Representing the O/R Address hierarchy in the X.500 Directory Information Tree	2294
SUBTABLE	Representing Tables and Subtrees in the X.500 Directory	2293
-----	Mobile-IPv4 Configuration Option for PPP IPCP	2290
SLM-APP	Definitions of System-Level Managed Objects for Applications	2287
-----	Definitions of Managed Objects for IEEE 802.12 Repeater Devices	2266
RTP-MPEG	RTP Payload Format for MPEG1/MPEG2 Video	2250
-----	Using Domains in LDAP/X.500 Distinguished Names	2247
ACAP	ACAP -- Application Configuration Access Protocol	2244
OTP-ER	OTP Extended Responses	2243
NETWAREIP	NetWare/IP Domain Name and Information	2242
DHCP-NDS	DHCP Options for Novell Directory Services	2241
HPR-MIB	Definitions of Managed Objects for HPR using SMIPv2	2238
DLUR-MIB	Definitions of Managed Objects for DLUR using SMIPv2	2232
MIME-EXT	MIME Parameter Value and Encoded Word Extensions: Character Sets, Languages, and Continuations	2231

FTPSECEXT	FTP Security Extensions	2228
-----	Simple Hit-Metering and Usage-Limiting for HTTP	2227
-----	IP Broadcast over ATM Networks	2226
IP-ATM	Classical IP and ARP over ATM	2225
IMAP4LOGIN	IMAP4 Login Referrals	2221
-----	A Common Schema for the Internet White Pages Service	2218
-----	General Characterization Parameters for Integrated Service Network Elements	2215
-----	Integrated Services Management Information Base	2214
-----	Guaranteed Service Extensions using SMIPv2	
-----	Integrated Services Management Information Base using SMIPv2	2213
GQOS	Specification of Guaranteed Quality of Service	2212
-----	Specification of the Controlled-Load Network Element Service	2211
RSVP-IS	The Use of RSVP with IETF Integrated Services	2210
RSVP-IPSEC	RSVP Extensions for IPSEC Data Flows	2207
RSVP-MIB	RSVP Management Information Base using SMIPv2	2206
RSVP	Resource ReSerVation Protocol (RSVP) -- Version 1 Functional Specification	2205
RPCSEC-GSS	RPCSEC_GSS Protocol Specification	2203
RTP-RAD	RTP Payload for Redundant Audio Data	2198
IMAPPOPAU	IMAP/POP AUTHorize Extension for Simple Challenge/Response	2195
IMAP4MAIL	IMAP4 Mailbox Referrals	2193
-----	Communicating Presentation Information in Internet Messages: The Content-Disposition Header Field	2183
DNS-CLAR	Clarifications to the DNS Specification	2181
IMAP4-IDLE	IMAP4 IDLE command	2177
SLP	Service Location Protocol	2165
-----	Use of an X.500/LDAP directory to support MIXER address mapping	2164
DNS-MCGAM	Using the Internet DNS to Distribute MIXER Conformant Global Address Mapping (MCGAM)	2163
-----	Carrying PostScript in X.400 and MIME	2160
-----	A MIME Body Part for FAX	2159
-----	X.400 Image Body Parts	2158
-----	Mapping between X.400 and RFC-822/MIME Message Bodies	2157
MIXER	MIXER (Mime Internet X.400 Enhanced Relay): Mapping between X.400 and RFC 822/MIME	2156
MAIL-SERV	Mailbox Names for Common Services, Roles and Functions	2142
URN-SYNTAX	URN Syntax	2141
DNS-UPDATE	Dynamic Updates in the Domain Name System (DNS UPDATE)	2136
DC-MIB	Dial Control Management Information Base using SMIPv2	2128
ISDN-MIB	ISDN Management Information Base using SMIPv2	2127
ITOT	ISO Transport Service on top of TCP (ITOT)	2126

BAP-BACP	The PPP Bandwidth Allocation Protocol (BAP) / The PPP Bandwidth Allocation Control Protocol (BACP)	2125
VEMMI-URL	VEMMI URL Specification	2122
ROUT-ALERT	IP Router Alert Option	2113
802.3-MIB	Definitions of Managed Objects for IEEE 802.3 Repeater Devices using SMIV2	2108
PPP-NBFCP	The PPP NetBIOS Frames Control Protocol (NBFCP)	2097
RIP-TRIG	Triggered Extensions to RIP to Support Demand Circuits	2091
IMAP4-LIT	IMAP4 non-synchronizing literals	2088
IMAP4-QUO	IMAP4 QUOTA extension	2087
HMAC-MD5	HMAC-MD5 IP Authentication with Replay Prevention	2085
RIPNG-IPV6	RIPng for IPv6	2080
URI-ATT	Definition of an X.500 Attribute Type and an Object Class to Hold Uniform Resource Identifiers (URIs)	2079
MIME-MODEL	The Model Primary Content Type for Multipurpose Internet Mail Extensions	2077
URLZ39.50	Uniform Resource Locators for Z39.50	2056
SNANAU-APP	Definitions of Managed Objects for APPC using SMIV2	2051
PPP-SNACP	The PPP SNA Control Protocol (SNACP)	2043
SMTP-ENH	SMTP Service Extension for Returning Enhanced Error Codes	2034
RTP-CELLB	RTP Payload Format of Sun's CellB Video Encoding	2029
SPKM	The Simple Public-Key GSS-API Mechanism (SPKM)	2025
DLSW-MIB	Definitions of Managed Objects for Data Link Switching using SMIV2	2024
MULTI-UNI	Support for Multicast over UNI 3.0/3.1 based ATM Networks	2022
802.12-MIB	IEEE 802.12 Interface MIB	2020
TCP-ACK	TCP Selective Acknowledgment Options	2018
URL-ACC	Definition of the URL MIME External-Body Access-Type	2017
MIME-PGP	MIME Security with Pretty Good Privacy (PGP)	2015
MOBILEIPMI	The Definitions of Managed Objects for IP Mobility Support using SMIV2	2006
-----	Applicability Statement for IP Mobility Support	2005
MINI-IP	Minimal Encapsulation within IP	2004
IPENCAPIP	IP Encapsulation within IP	2003
BGP-COMM	BGP Communities Attribute	1997
DNS-NOTIFY	A Mechanism for Prompt Notification of Zone Changes (DNS NOTIFY)	1996
DNS-IZT	Incremental Zone Transfer in DNS	1995
SMTP-ETRN	SMTP Service Extension for Remote Message Queue Starting	1985
SNA	Serial Number Arithmetic	1982
PPP-FRAME	PPP in Frame Relay	1973
PPP-ECP	The PPP Encryption Control Protocol (ECP)	1968
GSSAPI-KER	The Kerberos Version 5 GSS-API Mechanism	1964
PPP-CCP	The PPP Compression Control Protocol (CCP)	1962

GSSAPI-SOC	GSS-API Authentication Method for SOCKS Version 5	1961
AUTH-SOCKS	Username/Password Authentication for SOCKS V5	1929
SOCKSV5	SOCKS Protocol Version 5	1928
MIME-Encyp	Security Multiparts for MIME: Multipart/Signed and Multipart/Encrypted	1847
-----	Binding Protocols for ONC RPC Version 2	1833
RPC	RPC: Remote Procedure Call Protocol Specification Version 2	1831
-----	The ESP DES-CBC Transform	1829
-----	Requirements for IP Version 4 Routers	1812
OSPF-DC	Extending OSPF to Support Demand Circuits	1793
MIME-EDI	MIME Encapsulation of EDI Objects	1767
ATM	ATM Signaling Support for IP over ATM	1755
IPNG	The Recommendation for the IP Next Generation Protocol	1752
MacMIME	MIME Encapsulation of Macintosh Files - MacMIME	1740
IMAP4-AUTH	IMAP4 Authentication Mechanisms	1731
RDBMS-MIB	Relational Database Management System (RDBMS) Management Information Base (MIB) using SMIV2	1697
PPP-TRANS	PPP Reliable Transmission	1663
PPP-ISDN	PPP over ISDN	1618
PPP-X25	PPP in X.25	1598
RIP-DC	Extensions to RIP to Support Demand Circuits	1582
TOPT-ENVIR	Telnet Environment Option	1572
PPP-LCP	PPP LCP Extensions	1570
PPP/IPMIB	The Definitions of Managed Objects for the IP Network Control Protocol of the Point-to-Point Protocol	1473
PPP/SECMIB	The Definitions of Managed Objects for the Security Protocols of the Point-to-Point Protocol	1472
PPP/LCPMIB	The Definitions of Managed Objects for the Link Control Protocol of the Point-to-Point Protocol	1471
SNMP-IPX	SNMP over IPX	1420
IDENT	Identification Protocol	1413
SNMP-X.25	SNMP MIB Extension for the X.25 Packet Layer	1382
SNMP-LAPB	SNMP MIB Extension for X.25 LAPB	1381
PPP-OSINLC	The PPP OSI Network Layer Control Protocol (OSINLCP)	1377
TOPT-RFC	Telnet Remote Flow Control Option	1372
PPP-IPCP	The PPP Internet Protocol Control Protocol (IPCP)	1332
TCP-EXT	TCP Extensions for High Performance	1323
-----	Encoding Network Addresses to Support Operation over Non-OSI Lower Layers	1277
ICMP-ROUT	ICMP Router Discovery Messages	1256
IS-IS	Use of OSI IS-IS for routing in TCP/IP and dual environments	1195
IP-CMPRS	Compressing TCP/IP Headers for Low-Speed Serial Links	1144
TOPT-XDL	Telnet X display location option	1096
TOPT-TERM	Telnet terminal-type option	1091



TOPT-TS	Telnet terminal speed option	1079
TOPT-NAWS	Telnet window size option	1073
TOPT-X.3	Telnet X.3 PAD option	1053
TOPT-DATA	Telnet Data Entry Terminal option: DODIIS implementation	1043
TOPT-3270	Telnet 3270 regime option	1041
TOPT-TLN	Telnet terminal location number option	946
TOPT-OM	Output marking Telnet option	933
TOPT-TACAC	TACACS user identification Telnet option	927
TOPT-EOR	Telnet end of record option	885
TOPT-SNDL	Telnet send-location option	779
TOPT-SUPO	Telnet SUPDUP-Output option	749
TOPT-SUP	Telnet SUPDUP option	736
TOPT-BYTE	Revised Telnet byte macro option	735
TOPT-LOGO	Telnet logout option	727
TOPT-REM	Remote Controlled Transmission and Echoing Telnet option	726
TOPT-EXT	Telnet extended ASCII option	698

### 3.5. Best Current Practice Ordered by BCP

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

Mnemonic	Title	RFC#	BCP#
-----	-----	-----	-----
-----	Variance for The PPP Compression Control Protocol and The PPP Encryption Control Protocol	1915	3
-----	An Appeal to the Internet Community to Return Unused IP Networks (Prefixes) to the IANA	1917	4
-----	Address Allocation for Private Internets	1918	5
-----	Guidelines for creation, selection, and registration of an Autonomous System (AS)	1930	6
-----	Implications of Various Address Allocation Policies for Internet Routing	2008	7
-----	IRTF Research Group Guidelines and Procedures	2014	8
-----	The Internet Standards Process -- Revision 3	2026	9
-----	IAB and IESG Selection, Confirmation, and Recall Process: Operation of the Nominating and Recall Committees	3777	10
-----	The Organizations Involved in the IETF Standards Process	2028	11
-----	Internet Registry IP Allocation Guidelines	2050	12
-----	Media Type Specifications and Registration Procedures	4288*	13
-----	Multipurpose Internet Mail Extensions (MIME) Part Four: Registration Procedures	4289*	13

-----	Key words for use in RFCs to Indicate Requirement Levels	2119	14
-----	Deployment of the Internet White Pages Service	2148	15
-----	Selection and Operation of Secondary DNS Servers	2182	16
-----	Use of DNS Aliases for Network Services	2219	17
-----	IETF Policy on Character Sets and Languages	2277	18
-----	IANA Charset Registration Procedures	2978	19
-----	Classless IN-ADDR.ARPA delegation	2317	20
-----	Expectations for Computer Security Incident Response	2350	21
-----	Guide for Internet Standards Writers	2360	22
-----	Administratively Scoped IP Multicast	2365	23
-----	RSVP over ATM Implementation Guidelines	2379	24
-----	IETF Working Group Guidelines and Procedures	2418	25
-----	Guidelines for Writing an IANA Considerations Section in RFCs	2434	26
-----	Advancement of MIB specifications on the IETF Standards Track	2438	27
-----	Enhancing TCP Over Satellite Channels using Standard Mechanisms	2488	28
-----	Anti-Spam Recommendations for SMTP MTAs	2505	30
-----	Media Feature Tag Registration Procedure	2506	31
-----	Reserved Top Level DNS Names	2606	32
-----	Changing the Default for Directed Broadcasts in Routers	2644	34
-----	Guidelines for Writers of RTP Payload Format Specifications	2736	36
-----	IANA Allocation Guidelines For Values In the Internet Protocol and Related Headers	2780	37
-----	Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing	2827	38
-----	Charter of the Internet Architecture Board (IAB)	2850	39
-----	Root Name Server Operational Requirements	2870	40
-----	Congestion Control Principles	2914	41
-----	Domain Name System (DNS) IANA Considerations	2929	42
-----	Procedures and IANA Guidelines for Definition of New DHCP Options and Message Types	2939	43
-----	Use of HTTP State Management	2964	44
-----	IETF Discussion List Charter	3005	45
-----	Recommended Internet Service Provider Security Services and Procedures	3013	46
-----	Tags for Identifying Languages	4646*	47
-----	Matching of Language Tags	4647*	47
-----	End-to-end Performance Implications of Slow Links	3150	48
-----	End-to-end Performance Implications of Links with Errors	3155	50

-----	IANA Guidelines for IPv4 Multicast Address Assignments	3171	51
-----	Management Guidelines & Operational Requirements for the Address and Routing Parameter Area Domain ("arpa")	3172	52
-----	GLOP Addressing in 233/8	3180	53
-----	IETF Guidelines for Conduct	3184	54
-----	Guidelines for Evidence Collection and Archiving	3227	55
-----	On the use of HTTP as a Substrate	3205	56
-----	IANA Considerations for IPv4 Internet Group Management Protocol (IGMP)	3228	57
-----	Defining the IETF	3233	58
-----	A Transient Prefix for Identifying Profiles under Development by the Working Groups of the Internet Engineering Task Force	3349	59
-----	Inappropriate TCP Resets Considered Harmful	3360	60
-----	Strong Security Requirements for Internet Engineering Task Force Standard Protocols	3365	61
-----	Advice to link designers on link Automatic Repeat reQuest (ARQ)	3366	62
-----	Session Initiation Protocol for Telephones (SIP-T): Context and Architectures	3372	63
-----	Internet Assigned Numbers Authority (IANA) Considerations for the Lightweight Directory Access Protocol (LDAP)	4520*	64
-----	Dynamic Delegation Discovery System (DDDS) Part Five: URI.ARPA Assignment Procedures	3405	65
-----	Uniform Resource Names (URN) Namespace Definition Mechanisms	3406	66
-----	Change Process for the Session Initiation Protocol (SIP)	3427	67
-----	Layer Two Tunneling Protocol (L2TP) Internet Assigned Numbers Authority (IANA) Considerations Update	3438	68
-----	TCP Performance Implications of Network Path Asymmetry	3449	69
-----	Guidelines for the Use of Extensible Markup Language (XML) within IETF Protocols	3470	70
-----	TCP over Second (2.5G) and Third (3G) Generation Wireless Networks	3481	71
-----	Guidelines for Writing RFC Text on Security Considerations	3552	72
-----	An IETF URN Sub-namespace for Registered Protocol Parameters	3553	73
-----	Coexistence between Version 1, Version 2, and Version 3 of the Internet-standard Network Management Framework	3584	74

-----	Session Initiation Protocol (SIP) Basic Call Flow Examples	3665	75
-----	Session Initiation Protocol (SIP) Public Switched Telephone Network (PSTN) Call Flows	3666	76
-----	IETF ISOC Board of Trustee Appointment Procedures	3677	77
-----	IETF Rights in Contributions	3978*	78
-----	RFC 3978 Update to Recognize the IETF Trust	4748*	78
-----	Intellectual Property Rights in IETF Technology	3979*	79
-----	Clarification of the Third Party Disclosure Procedure in RFC 3979	4879*	79
-----	Delegation of E.F.F.3.IP6.ARPA	3681	80
-----	The IETF XML Registry	3688	81
-----	Assigning Experimental and Testing Numbers Considered Useful	3692	82
-----	A Practice for Revoking Posting Rights to IETF Mailing Lists	3683	83
-----	Ingress Filtering for Multihomed Networks	3704	84
-----	Best Current Practices for Third Party Call Control (3pcc) in the Session Initiation Protocol (SIP)	3725	85
-----	Determining Strengths For Public Keys Used For Exchanging Symmetric Keys	3766	86
-----	Use of Interior Gateway Protocol (IGP) Metric as a second MPLS Traffic Engineering (TE) Metric	3785	87
-----	IANA Considerations for the Point-to-Point Protocol (PPP)	3818	88
-----	Advice for Internet Subnetwork Designers	3819	89
-----	Registration Procedures for Message Header Fields	3864*	90
-----	DNS IPv6 Transport Operational Guidelines	3901*	91
-----	The IESG and RFC Editor Documents: Procedures	3932*	92
-----	A Model for IETF Process Experiments	3933*	93
-----	Updates to RFC 2418 Regarding the Management of IETF Mailing Lists	3934*	94
-----	A Mission Statement for the IETF	3935*	95
-----	Procedures for Modifying the Resource reSerVation Protocol (RSVP)	3936*	96
-----	Clarifying when Standards Track Documents may Refer Normatively to Documents at a Lower Level	3967*	97
-----	Handling Normative References to Standards-Track Documents	4897*	97
-----	The Internet Assigned Number Authority (IANA) Header Field Parameter Registry for the Session Initiation Protocol (SIP)	3968*	98
-----	The Internet Assigned Number Authority (IANA) Uniform Resource Identifier (URI) Parameter Registry for the Session Initiation Protocol (SIP)	3969*	99
-----	Early IANA Allocation of Standards Track Code Points	4020*	100

-----	Structure of the IETF Administrative Support Activity (IASA)	4071*	101
-----	BCP 101 Update for IPR Trust	4371*	101
-----	IAB Processes for Management of IETF Liaison Relationships	4052*	102
-----	Procedures for Handling Liaison Statements to and from the IETF	4053*	103
-----	Terminology for Describing Internet Connectivity	4084*	104
-----	Embedding Globally-Routable Internet Addresses Considered Harmful	4085*	105
-----	Randomness Requirements for Security	4086*	106
-----	Guidelines for Cryptographic Key Management	4107*	107
-----	IP Performance Metrics (IPPM) Metrics Registry	4148*	108
-----	Deprecation of "ip6.int"	4159*	109
-----	Tunneling Multiplexed Compressed RTP (TCRTP)	4170*	110
-----	Guidelines for Authors and Reviewers of MIB Documents	4181*	111
-----	RFC 4181 Update to Recognize the IETF Trust	4841*	111
-----	Prioritized Treatment of Specific OSPF Version 2 Packets and Congestion Avoidance	4222*	112
-----	The IETF Administrative Oversight Committee (IAOC) Member Selection Guidelines and Process	4333*	113
-----	BGP Communities for Data Collection	4384*	114
-----	Guidelines and Registration Procedures for New URI Schemes	4395*	115
-----	IANA Allocations for Pseudowire Edge to Edge Emulation (PWE3)	4446*	116
-----	Interworking between the Session Initiation Protocol (SIP) and QSIG	4497*	117
-----	Considerations for Lightweight Directory Access Protocol (LDAP) Extensions	4521*	118
-----	Session Initiation Protocol (SIP) Call Control - Conferencing for User Agents	4579*	119
-----	Source-Specific Protocol Independent Multicast in 232/8	4608*	120
-----	Multicast Source Discovery Protocol (MSDP) Deployment Scenarios	4611*	121
CIDR-STRA	Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan	4632*	122
-----	Observed DNS Resolution Misbehavior	4697*	123
-----	Specifying Alternate Semantics for the Explicit Congestion Notification (ECN) Field	4774*	124
-----	Procedures for Protocol Extensions and Variations	4775*	125
-----	Operation of Anycast Services	4786*	126
-----	Network Address Translation (NAT) Behavioral Requirements for Unicast UDP	4787*	127
-----	Avoiding Equal Cost Multipath Treatment in MPLS Networks	4928*	128

-----	Change Process for Multiprotocol Label Switching (MPLS) and Generalized MPLS (GMPLS) Protocols and Procedures	4929*	129
-----	IANA Considerations for OSPF	4940*	130
-----	Symmetric RTP / RTP Control Protocol (RTCP)	4961*	131
-----	Guidance for Authentication, Authorization, and Accounting (AAA) Key Management	4962*	132
-----	Specifying New Congestion Control Algorithms	5033*	133
-----	Email Submission Operations: Access and Accountability Requirements	5068*	134
-----	IP Multicast Requirements for a Network Address Translator (NAT) and a Network Address Port Translator (NAPT)	5135*	135

### 3.6. Best Current Practice Ordered by RFC

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

Mnemonic	Title	BCP#	RFC#
-----	-----	-----	-----
-----	IP Multicast Requirements for a Network Address Translator (NAT) and a Network Address Port Translator (NAPT)	135	5135*
-----	Email Submission Operations: Access and Accountability Requirements	134	5068*
-----	Specifying New Congestion Control Algorithms	133	5033*
-----	Guidance for Authentication, Authorization, and Accounting (AAA) Key Management	132	4962*
-----	Symmetric RTP / RTP Control Protocol (RTCP)	131	4961*
-----	IANA Considerations for OSPF	130	4940*
-----	Change Process for Multiprotocol Label Switching (MPLS) and Generalized MPLS (GMPLS) Protocols and Procedures	129	4929*
-----	Avoiding Equal Cost Multipath Treatment in MPLS Networks	128	4928*
-----	Handling Normative References to Standards-Track Documents	97	4897*
-----	Clarification of the Third Party Disclosure Procedure in RFC 3979	79	4879*
-----	RFC 4181 Update to Recognize the IETF Trust	111	4841*
-----	Network Address Translation (NAT) Behavioral Requirements for Unicast UDP	127	4787*
-----	Operation of Anycast Services	126	4786*
-----	Procedures for Protocol Extensions and Variations	125	4775*
-----	Specifying Alternate Semantics for the Explicit Congestion Notification (ECN) Field	124	4774*
-----	RFC 3978 Update to Recognize the IETF Trust	78	4748*

-----	Observed DNS Resolution Misbehavior	123 4697*
-----	Matching of Language Tags	47 4647*
-----	Tags for Identifying Languages	47 4646*
CIDR-STRA	Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan	122 4632*
-----	Multicast Source Discovery Protocol (MSDP) Deployment Scenarios	121 4611*
-----	Source-Specific Protocol Independent Multicast in 232/8	120 4608*
-----	Session Initiation Protocol (SIP) Call Control - Conferencing for User Agents	119 4579*
-----	Considerations for Lightweight Directory Access Protocol (LDAP) Extensions	118 4521*
-----	Internet Assigned Numbers Authority (IANA) Considerations for the Lightweight Directory Access Protocol (LDAP)	64 4520*
-----	Interworking between the Session Initiation Protocol (SIP) and QSIG	117 4497*
-----	IANA Allocations for Pseudowire Edge to Edge Emulation (PWE3)	116 4446*
-----	Guidelines and Registration Procedures for New URI Schemes	115 4395*
-----	BGP Communities for Data Collection	114 4384*
-----	BCP 101 Update for IPR Trust	101 4371*
-----	The IETF Administrative Oversight Committee (IAOC) Member Selection Guidelines and Process	113 4333*
-----	Multipurpose Internet Mail Extensions (MIME) Part Four: Registration Procedures	13 4289*
-----	Media Type Specifications and Registration Procedures	13 4288*
-----	Prioritized Treatment of Specific OSPF Version 2 Packets and Congestion Avoidance	112 4222*
-----	Guidelines for Authors and Reviewers of MIB Documents	111 4181*
-----	Tunneling Multiplexed Compressed RTP (TCRTP)	110 4170*
-----	Deprecation of "ip6.int"	109 4159*
-----	IP Performance Metrics (IPPM) Metrics Registry	108 4148*
-----	Guidelines for Cryptographic Key Management	107 4107*
-----	Randomness Requirements for Security	106 4086*
-----	Embedding Globally-Routable Internet Addresses Considered Harmful	105 4085*
-----	Terminology for Describing Internet Connectivity	104 4084*
-----	Structure of the IETF Administrative Support Activity (IASA)	101 4071*
-----	Procedures for Handling Liaison Statements to and from the IETF	103 4053*
-----	IAB Processes for Management of IETF Liaison Relationships	102 4052*

-----	Early IANA Allocation of Standards Track Code Points	100	4020*
-----	Intellectual Property Rights in IETF Technology	79	3979*
-----	IETF Rights in Contributions	78	3978*
-----	The Internet Assigned Number Authority (IANA) Uniform Resource Identifier (URI) Parameter Registry for the Session Initiation Protocol (SIP)	99	3969*
-----	The Internet Assigned Number Authority (IANA) Header Field Parameter Registry for the Session Initiation Protocol (SIP)	98	3968*
-----	Clarifying when Standards Track Documents may Refer Normatively to Documents at a Lower Level	97	3967*
-----	Procedures for Modifying the Resource reSerVation Protocol (RSVP)	96	3936*
-----	A Mission Statement for the IETF	95	3935*
-----	Updates to RFC 2418 Regarding the Management of IETF Mailing Lists	94	3934*
-----	A Model for IETF Process Experiments	93	3933*
-----	The IESG and RFC Editor Documents: Procedures	92	3932*
-----	DNS IPv6 Transport Operational Guidelines	91	3901*
-----	Registration Procedures for Message Header Fields	90	3864*
-----	Advice for Internet Subnetwork Designers	89	3819
-----	IANA Considerations for the Point-to-Point Protocol (PPP)	88	3818
-----	Use of Interior Gateway Protocol (IGP) Metric as a second MPLS Traffic Engineering (TE) Metric	87	3785
-----	IAB and IESG Selection, Confirmation, and Recall Process: Operation of the Nominating and Recall Committees	10	3777
-----	Determining Strengths For Public Keys Used For Exchanging Symmetric Keys	86	3766
-----	Best Current Practices for Third Party Call Control (3pcc) in the Session Initiation Protocol (SIP)	85	3725
-----	Ingress Filtering for Multihomed Networks	84	3704
-----	Assigning Experimental and Testing Numbers Considered Useful	82	3692
-----	The IETF XML Registry	81	3688
-----	A Practice for Revoking Posting Rights to IETF Mailing Lists	83	3683
-----	Delegation of E.F.F.3.IP6.ARPA	80	3681
-----	IETF ISOC Board of Trustee Appointment Procedures	77	3677
-----	Session Initiation Protocol (SIP) Public Switched Telephone Network (PSTN) Call Flows	76	3666
-----	Session Initiation Protocol (SIP) Basic Call Flow Examples	75	3665



-----	Coexistence between Version 1, Version 2, and Version 3 of the Internet-standard Network Management Framework	74 3584
-----	An IETF URN Sub-namespace for Registered Protocol Parameters	73 3553
-----	Guidelines for Writing RFC Text on Security Considerations	72 3552
-----	TCP over Second (2.5G) and Third (3G) Generation Wireless Networks	71 3481
-----	Guidelines for the Use of Extensible Markup Language (XML) within IETF Protocols	70 3470
-----	TCP Performance Implications of Network Path Asymmetry	69 3449
-----	Layer Two Tunneling Protocol (L2TP) Internet Assigned Numbers Authority (IANA) Considerations Update	68 3438
-----	Change Process for the Session Initiation Protocol (SIP)	67 3427
-----	Uniform Resource Names (URN) Namespace Definition Mechanisms	66 3406
-----	Dynamic Delegation Discovery System (DDDS) Part Five: URI.ARPA Assignment Procedures	65 3405
-----	Session Initiation Protocol for Telephones (SIP-T): Context and Architectures	63 3372
-----	Advice to link designers on link Automatic Repeat reQuest (ARQ)	62 3366
-----	Strong Security Requirements for Internet Engineering Task Force Standard Protocols	61 3365
-----	Inappropriate TCP Resets Considered Harmful	60 3360
-----	A Transient Prefix for Identifying Profiles under Development by the Working Groups of the Internet Engineering Task Force	59 3349
-----	Defining the IETF	58 3233
-----	IANA Considerations for IPv4 Internet Group Management Protocol (IGMP)	57 3228
-----	Guidelines for Evidence Collection and Archiving	55 3227
-----	On the use of HTTP as a Substrate	56 3205
-----	IETF Guidelines for Conduct	54 3184
-----	GLOP Addressing in 233/8	53 3180
-----	Management Guidelines & Operational Requirements for the Address and Routing Parameter Area Domain ("arpa")	52 3172
-----	IANA Guidelines for IPv4 Multicast Address Assignments	51 3171
-----	End-to-end Performance Implications of Links with Errors	50 3155
-----	End-to-end Performance Implications of Slow Links	48 3150

-----	Recommended Internet Service Provider Security Services and Procedures	46	3013
-----	IETF Discussion List Charter	45	3005
-----	IANA Charset Registration Procedures	19	2978
-----	Use of HTTP State Management	44	2964
-----	Procedures and IANA Guidelines for Definition of New DHCP Options and Message Types	43	2939
-----	Domain Name System (DNS) IANA Considerations	42	2929
-----	Congestion Control Principles	41	2914
-----	Root Name Server Operational Requirements	40	2870
-----	Charter of the Internet Architecture Board (IAB)	39	2850
-----	Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing	38	2827
-----	IANA Allocation Guidelines For Values In the Internet Protocol and Related Headers	37	2780
-----	Guidelines for Writers of RTP Payload Format Specifications	36	2736
-----	Changing the Default for Directed Broadcasts in Routers	34	2644
-----	Reserved Top Level DNS Names	32	2606
-----	Media Feature Tag Registration Procedure	31	2506
-----	Anti-Spam Recommendations for SMTP MTAs	30	2505
-----	Enhancing TCP Over Satellite Channels using Standard Mechanisms	28	2488
-----	Advancement of MIB specifications on the IETF Standards Track	27	2438
-----	Guidelines for Writing an IANA Considerations Section in RFCs	26	2434
-----	IETF Working Group Guidelines and Procedures	25	2418
-----	RSVP over ATM Implementation Guidelines	24	2379
-----	Administratively Scoped IP Multicast	23	2365
-----	Guide for Internet Standards Writers	22	2360
-----	Expectations for Computer Security Incident Response	21	2350
-----	Classless IN-ADDR.ARPA delegation	20	2317
-----	IETF Policy on Character Sets and Languages	18	2277
-----	Use of DNS Aliases for Network Services	17	2219
-----	Selection and Operation of Secondary DNS Servers	16	2182
-----	Deployment of the Internet White Pages Service	15	2148
-----	Key words for use in RFCs to Indicate Requirement Levels	14	2119
-----	Internet Registry IP Allocation Guidelines	12	2050
-----	The Organizations Involved in the IETF Standards Process	11	2028
-----	The Internet Standards Process -- Revision 3	9	2026
-----	IRTF Research Group Guidelines and Procedures	8	2014

-----	Implications of Various Address Allocation Policies for Internet Routing	7 2008
-----	Guidelines for creation, selection, and registration of an Autonomous System (AS)	6 1930
-----	Address Allocation for Private Internets	5 1918
-----	An Appeal to the Internet Community to Return Unused IP Networks (Prefixes) to the IANA	4 1917
-----	Variance for The PPP Compression Control Protocol and The PPP Encryption Control Protocol	3 1915

### 3.7. Experimental Protocols

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

Mnemonic	Title	RFC#
-----	-----	-----
-----	Experiment in Exploratory Group Formation within the Internet Engineering Task Force (IETF)	5111*
-----	The Extensible Authentication Protocol-Internet Key Exchange Protocol version 2 (EAP-IKEv2) Method	5106*
-----	Using OpenPGP Keys for Transport Layer Security (TLS) Authentication	5081*
-----	Explicit Multicast (Xcast) Concepts and Options	5058*
-----	Bundle Protocol Specification	5050*
-----	IPv6 Router Advertisement Option for DNS Configuration	5006*
-----	Mobile IPv4 Fast Handovers	4988*
-----	OSPF-xTE: Experimental Extension to OSPF for Traffic Engineering	4973*
-----	DNS Security (DNSSEC) Opt-In	4956*
-----	Atom License Extension	4946*
-----	Abstract Syntax Notation X (ASN.X) Representation of Encoding Instructions for the XML Encoding Rules (XER)	4914*
-----	Abstract Syntax Notation X (ASN.X) Representation of Encoding Instructions for the Generic String Encoding Rules (GSER)	4913*
-----	Abstract Syntax Notation X (ASN.X)	4912*
-----	Encoding Instructions for the Robust XML Encoding Rules (RXER)	4911*
-----	Robust XML Encoding Rules (RXER) for Abstract Syntax Notation One (ASN.1)	4910*
-----	Multi-homing for small scale fixed network Using Mobile IP and NEMO	4908*
-----	Low-Latency Handoffs in Mobile IPv4	4881*
-----	Mobile IPv4 Regional Registration	4857*
-----	An IPv6 Prefix for Overlay Routable Cryptographic Hash Identifiers (ORCHID)	4843*

-----	TCP Friendly Rate Control (TFRC): The Small-Packet (SP) Variant	4828*
-----	OSPF Link-Local Signaling	4813*
-----	Quick-Start for TCP and IP	4782*
-----	The Intrusion Detection Exchange Protocol (IDXP)	4767*
-----	The Intrusion Detection Message Exchange Format (IDMEF)	4765*
-----	The EAP-PSK Protocol: A Pre-Shared Key Extensible Authentication Protocol (EAP) Method	4764*
-----	Multiple Authentication Exchanges in the Internet Key Exchange (IKEv2) Protocol	4739*
-----	The Dynamic Source Routing Protocol (DSR) for Mobile Ad Hoc Networks for IPv4	4728*
-----	Netnews Administration System (NAS)	4707*
-----	IETF Operational Notes	4693*
-----	TCP-Friendly Multicast Congestion Control (TFMCC): Protocol Specification	4654*
-----	Improving the Robustness of TCP to Non-Congestion Events	4653*
-----	Experiment in Long-Term Suspensions From Internet Engineering Task Force (IETF) Mailing Lists	4633*
-----	Multicast Source Discovery Protocol (MSDP) MIB	4624*
-----	IPv6 Node Information Queries	4620*
-----	NEC's Simple Middlebox Configuration (SIMCO) Protocol Version 3.0	4540*
-----	The Lightweight Directory Access Protocol (LDAP) Content Synchronization Operation	4533*
-----	Lightweight Directory Access Protocol (LDAP) Turn Operation	4531*
-----	The Managed Object Aggregation MIB	4498*
-----	Repeated Authentication in Internet Key Exchange (IKEv2) Protocol	4478*
-----	Derivation of DNS Name Predecessor and Successor	4471*
-----	Web Distributed Authoring and Versioning (WebDAV) Redirect Reference Resources	4437*
-----	Selectively Reliable Multicast Protocol (SRMP)	4410*
-----	Sender Policy Framework (SPF) for Authorizing Use of Domains in E-Mail, Version 1	4408*
-----	Purported Responsible Address in E-Mail Messages	4407*
-----	Sender ID: Authenticating E-Mail	4406*
-----	SMTP Service Extension for Indicating the Responsible Submitter of an E-Mail Message	4405*
-----	Neighbor Discovery Proxies (ND Proxy)	4389*
-----	Internet X.509 Public Key Infrastructure Repository Locator Service	4386*
-----	Calendar Access Protocol (CAP)	4324*
-----	Datatypes for Web Distributed Authoring and Versioning (WebDAV) Properties	4316*

ISATAP	Intra-Site Automatic Tunnel Addressing Protocol (ISATAP)	4214*
-----	Hierarchical Mobile IPv6 Mobility Management (HMIPv6)	4140*
-----	Forward RTO-Recovery (F-RTO): An Algorithm for Detecting Spurious Retransmission Timeouts with TCP and the Stream Control Transmission Protocol (SCTP)	4138*
-----	Russian Dolls Bandwidth Constraints Model for Diffserv-aware MPLS Traffic Engineering	4127*
-----	Max Allocation with Reservation Bandwidth Constraints Model for Diffserv-aware MPLS Traffic Engineering & Performance Comparisons	4126*
-----	Maximum Allocation Bandwidth Constraints Model for Diffserv-aware MPLS Traffic Engineering	4125*
-----	Fast Handovers for Mobile IPv6	4068*
-----	Context Transfer Protocol (CXTTP)	4067*
-----	Candidate Access Router Discovery (CARD)	4066*
-----	Instructions for Seamoby and Experimental Mobility Protocol IANA Allocations	4065*
-----	BinaryTime: An Alternate Format for Representing Date and Time in ASN.1	4049*
-----	Extensions to Support Efficient Carrying of Multicast Traffic in Layer-2 Tunneling Protocol (L2TP)	4045*
-----	Maximum Transmission Unit Signalling Extensions for the Label Distribution Protocol	3988*
-----	Protocol Independent Multicast - Dense Mode (PIM-DM): Protocol Specification (Revised)	3973*
-----	Real-time Transport Protocol (RTP) Payload Format for internet Low Bit Rate Codec (iLBC) Speech	3952*
-----	Internet Low Bit Rate Codec (iLBC)	3951*
-----	Negative-Acknowledgment (NACK)-Oriented Reliable Multicast (NORM) Building Blocks	3941*
-----	Negative-acknowledgment (NACK)-Oriented Reliable Multicast (NORM) Protocol	3940*
-----	Alternative Decision Making Processes for Consensus-Blocked Decisions in the IETF	3929*
-----	FLUTE - File Delivery over Unidirectional Transport	3926*
DNS-SRV	Remote Service Discovery in the Service Location Protocol (SLP) via DNS SRV	3832
-----	Next Generation Structure of Management Information (SMIng) Mappings to the Simple Network Management Protocol (SNMP)	3781
-----	SMIng - Next Generation Structure of Management Information	3780
-----	Limited Slow-Start for TCP with Large Congestion Windows	3742
-----	Wave and Equation Based Rate Control (WEBRC) Building Block	3738

-----	Using TCP Duplicate Selective Acknowledgement (DSACKs) and Stream Control Transmission Protocol (SCTP) Duplicate Transmission Sequence Numbers (TSNs) to Detect Spurious Retransmissions	3708
-----	Compact Forward Error Correction (FEC) Schemes	3695
-----	Topology Dissemination Based on Reverse-Path Forwarding (TBRPF)	3684
-----	Domain Administrative Data in Lightweight Directory Access Protocol (LDAP)	3663
-----	The Mailbox Update (MUPDATE) Distributed Mailbox Database Protocol	3656
-----	HighSpeed TCP for Large Congestion Windows	3649
-----	Optimized Link State Routing Protocol (OLSR)	3626
-----	Multicast Source Discovery Protocol (MSDP)	3618
-----	Ad hoc On-Demand Distance Vector (AODV) Routing	3561
-----	Robust Explicit Congestion Notification (ECN) Signaling with Nonces	3540
-----	Using Extensible Markup Language-Remote Procedure Calling (XML-RPC) in Blocks Extensible Exchange Protocol (BEEP)	3529
-----	Mesh-enhanced Service Location Protocol (mSLP)	3528
-----	The Eifel Detection Algorithm for TCP	3522
-----	TCP Congestion Control with Appropriate Byte Counting (ABC)	3465
-----	Layered Coding Transport (LCT) Building Block	3451
-----	Asynchronous Layered Coding (ALC) Protocol Instantiation	3450
-----	Simple Network Management Protocol Over Transmission Control Protocol Transport Mapping	3430
-----	Select and Sort Extensions for the Service Location Protocol (SLP)	3421
-----	The Application Exchange (APEX) Presence Service	3343
-----	Dual Stack Hosts Using "Bump-in-the-API" (BIA)	3338
-----	Policy-Based Accounting	3334
-----	PGM Reliable Transport Protocol Specification	3208
-----	Domain Security Services using S/MIME	3183
SMX	Script MIB Extensibility Protocol Version 1.1	3179
-----	ISO/IEC 9798-3 Authentication SASL Mechanism	3163
-----	Electronic Signature Policies	3125
-----	A DNS RR Type for Lists of Address Prefixes (APL RR)	3123
-----	Finding an RSIP Server with SLP	3105
-----	RSIP Support for End-to-end IPsec	3104
-----	Realm Specific IP: Protocol Specification	3103
-----	Realm Specific IP: Framework	3102
-----	OpenLDAP Root Service An experimental LDAP referral service	3088
-----	Notification and Subscription for SLP	3082
-----	MPLS Loop Prevention Mechanism	3063

-----	Internet X.509 Public Key Infrastructure Data Validation and Certification Server Protocols	3029
-----	Unified Memory Space Protocol Specification	3018
SAP	Session Announcement Protocol	2974
-----	Protocol Independent Multicast MIB for IPv4	2934
MASC	The Multicast Address-Set Claim (MASC) Protocol	2909
-----	Generic AAA Architecture	2903
-----	DNS Extensions to Support IPv6 Address Aggregation and Renumbering	2874
-----	TCP Congestion Window Validation	2861
TSWTCM	A Time Sliding Window Three Colour Marker (TSWTCM)	2859
-----	OSPF over ATM and Proxy-PAR	2844
PPP-SDL	PPP over Simple Data Link (SDL) using SONET/SDH with ATM-like framing	2823
-----	Diffie-Helman USM Key Management Information Base and Textual Convention	2786
-----	An HTTP Extension Framework	2774
-----	Encryption using KEA and SKIPJACK	2773
-----	Sampling of the Group Membership in RTP	2762
-----	Definitions of Managed Objects for Service Level Agreements Performance Monitoring	2758
HTCP	Hyper Text Caching Protocol (HTCP/0.0)	2756
-----	RTFM: New Attributes for Traffic Flow Measurement	2724
-----	PPP EAP TLS Authentication Protocol	2716
-----	SPKI Certificate Theory	2693
-----	SPKI Requirements	2692
-----	QoS Routing Mechanisms and OSPF Extensions	2676
DNS	Binary Labels in the Domain Name System	2673
-----	The Secure HyperText Transfer Protocol	2660
-----	Security Extensions For HTML	2659
-----	LDAPv2 Client vs. the Index Mesh	2657
-----	Registration Procedures for SOIF Template Types	2656
-----	CIP Index Object Format for SOIF Objects	2655
-----	A Tagged Index Object for use in the Common Indexing Protocol	2654
-----	An LDAP Control and Schema for Holding Operation Signatures	2649
-----	Mapping between LPD and IPP Protocols	2569
IPP-RAT	Rationale for the Structure of the Model and Protocol for the Internet Printing Protocol	2568
IPP-DG	Design Goals for an Internet Printing Protocol	2567
DNS-INFO	Detached Domain Name System (DNS) Information	2540
PHOTURIS-E	Photuris: Extended Schemes and Attributes	2523
PHOTURIS-S	Photuris: Session-Key Management Protocol	2522
ICMP-SEC	ICMP Security Failures Messages	2521
NHRP-MNHCS	NHRP with Mobile NHCs	2520
-----	URI Resolution Services Necessary for URN Resolution	2483
MARS-SCSP	A Distributed MARS Service Using SCSP	2443

-----	Domain Names and Company Name Retrieval	2345
RTP-MPEG	RTP Payload Format for Bundled MPEG	2343
-----	Intra-LIS IP multicast among routers over ATM using Sparse Mode PIM	2337
-----	The Safe Response Header Field	2310
LDAP-NIS	An Approach for Using LDAP as a Network Information Service	2307
HTTP-RVSA	HTTP Remote Variant Selection Algorithm -- RVSA/1.0	2296
TCN-HTTP	Transparent Content Negotiation in HTTP	2295
TOPT-COMPO	Telnet Com Port Control Option	2217
-----	A Trivial Convention for using HTTP in URN Resolution	2169
MAP-MAIL	MaXIM-11 - Mapping between X.400 / Internet mail and Mail-11 mail	2162
MIME-ODA	A MIME Body Part for ODA	2161
OSPF-DIG	OSPF with Digital Signatures	2154
IP-SCSI	Encapsulating IP with the Small Computer System Interface	2143
X.500-NAME	Managing the X.500 Root Naming Context	2120
GKMP-ARCH	Group Key Management Protocol (GKMP) Architecture	2094
GKMP-SPEC	Group Key Management Protocol (GKMP) Specification	2093
TFTP-MULTI	TFTP Multicast Option	2090
IP-Echo	IP Echo Host Service	2075
TOPT-CHARS	TELNET CHARSET Option	2066
URAS	Uniform Resource Agents (URAs)	2016
GPS-AR	GPS-Based Addressing and Routing	2009
ETFTP	Experiments with a Simple File Transfer Protocol for Radio Links using Enhanced Trivial File Transfer Protocol (ETFTP)	1986
SMKD	Scalable Multicast Key Distribution	1949
DNS-LOC	A Means for Expressing Location Information in the Domain Name System	1876
SGML-MT	SGML Media Types	1874
CONT-MT	Message/External-Body Content-ID Access Type	1873
UNARP	ARP Extension - UNARP	1868
ESP3DES	The ESP Triple DES Transform	1851
-----	SMTP 521 Reply Code	1846
-----	SMTP Service Extension for Checkpoint/Restart	1845
-----	Communicating Presentation Information in Internet Messages: The Content-Disposition Header	1806
-----	Schema Publishing in X.500 Directory	1804
-----	MHS use of the X.500 Directory to support MHS Routing	1801
-----	Class A Subnet Experiment	1797
TCP/IPXMIB	TCP/IPX Connection Mib Specification	1792
-----	TCP And UDP Over IPX Networks With Fixed Path MTU	1791
ICMP-DM	ICMP Domain Name Messages	1788
CLNP-MULT	Host Group Extensions for CLNP Multicasting	1768
OSPF-OVFL	OSPF Database Overflow	1765
RWP	Remote Write Protocol - Version 1.0	1756



NARP	NBMA Address Resolution Protocol (NARP)	1735
DNS-ENCODE	DNS Encoding of Geographical Location	1712
TCP-POS	An Extension to TCP : Partial Order Service	1693
T/TCP	T/TCP -- TCP Extensions for Transactions Functional Specification	1644
MIME-UNI	Using Unicode with MIME	1641
FOOBAR	FTP Operation Over Big Address Records (FOOBAR)	1639
X500-CHART	Charting Networks in the X.500 Directory	1609
X500-DIR	Representing IP Information in the X.500 Directory	1608
SNMP-DPI	Simple Network Management Protocol Distributed Protocol Interface Version 2.0	1592
CLNP-TUBA	Use of ISO CLNP in TUBA Environments	1561
REM-PRINT	Principles of Operation for the TPC.INT Subdomain: Remote Printing -- Technical Procedures	1528
DASS	DASS - Distributed Authentication Security Service	1507
EHF-MAIL	Encoding Header Field for Internet Messages	1505
RAP	RAP: Internet Route Access Protocol	1476
TP-IX	TP/IX: The Next Internet	1475
-----	Routing Coordination for X.400 MHS Services Within a Multi Protocol / Multi Network Environment Table Format V3 for Static Routing	1465
-----	Using the Domain Name System To Store Arbitrary String Attributes	1464
IRCP	Internet Relay Chat Protocol	1459
SIFT	SIFT/UFT: Sender-Initiated/Unsolicited File Transfer	1440
DIR-ARP	Directed ARP	1433
TEL-SPX	Telnet Authentication: SPX	1412
TEL-KER	Telnet Authentication: Kerberos Version 4	1411
TRACE-IP	Traceroute Using an IP Option	1393
DNS-IP	An Experiment in DNS Based IP Routing	1383
RMCP	Remote Mail Checking Protocol	1339
MSP2	Message Send Protocol 2	1312
DSLCP	Dynamically Switched Link Control Protocol	1307
-----	X.500 and Domains	1279
IN-ENCAP	Scheme for an internet encapsulation protocol: Version 1	1241
CLNS-MIB	CLNS MIB for use with Connectionless Network Protocol (ISO 8473) and End System to Intermediate System (ISO 9542)	1238
CFDP	Coherent File Distribution Protocol	1235
IP-AX.25	Internet protocol encapsulation of AX.25 frames	1226
ALERTS	Techniques for managing asynchronously generated alerts	1224
MPP	Message Posting Protocol (MPP)	1204
SNMP-BULK	Bulk Table Retrieval with the SNMP	1187
DNS-RR	New DNS RR Definitions	1183
IMAP2	Interactive Mail Access Protocol: Version 2	1176

NTP-OSI	Network Time Protocol (NTP) over the OSI Remote Operations Service	1165
DMF-MAIL	Digest message format	1153
RDP	Version 2 of the Reliable Data Protocol (RDP)	1151
-----	Standard for the transmission of IP datagrams on avian carriers	1149
TCP-ACO	TCP alternate checksum options	1146
-----	The Q Method of Implementing TELNET Option Negotiation	1143
IP-DVMRP	Distance Vector Multicast Routing Protocol	1075
VMTP	VMTP: Versatile Message Transaction Protocol	1045
COOKIE-JAR	Distributed-protocol authentication scheme	1004
NETBLT	NETBLT: A bulk data transfer protocol	998
IRTP	Internet Reliable Transaction Protocol functional and interface specification	938
LDP	Loader Debugger Protocol	909
RDP	Reliable Data Protocol	908
RLP	Resource Location Protocol	887

#### 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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