Network Working Group Request for Comments: 3000 Obsoletes: 2900

STD: 1 Category: Standards Track Internet Engineering Task Force

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Internet Official Protocol Standards

Status of this Memo

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Abstract

This memo contains a snapshot of the state of standardization of protocols used in the Internet as of October 25, 2001. It lists official protocol standards and Best Current Practice RFCs; it is not a complete index to the RFC series. The latest version of this memo is designated STD 1.

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1. Overview

This memo contains a snapshot of the state of standardization of protocols used in the Internet, as determined by the Internet Engineering Task Force (IETF). It is a October 25, 2001 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 the IETF process or are submitted individually via electronic mail. Further information about the RFC series is contained in section 2.1, RFC 2026 and at http://www.rfc-editor.org.

This memo is published by the RFC Editor for the IESG and IAB 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 - 3.6 of this memo contain the lists of protocols in each stage of standardization - Standard, Draft Standard, Proposed Standard, Experimental, Historic, 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 RFCs are not included. This memo lists the current standards track, Best Current Practice, Experimental, and Historic protocols; it is not a complete index to RFCs.

2. Resources

This section contains important contact information, for reference.

2.1. Internet-Related Organizations

Internet Architecture Board (IAB) Contact: www.iab.org

Internet Engineering Task Force (IETF) Contact: www.ietf.org

Internet Research Task Force (IRTF) Contact: www.irtf.org

Internet Assigned Numbers Authority (IANA) Contact: www.iana.org

2.2. Request for Comments Editor (RFC Editor) Web Pages

The RFC Editor maintains the official repository of all RFCs and indexes to them. The RFC Editor web site is:

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

At this URL, a user can:

(a) Obtain the current "Internet Official Protocol Standards" list. See:

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

This hyper-linked listing is updated daily.

(b) Retrieve the latest version of this STD 1 memo. See:

http://www.rfc-editor.org/go.html, and select STD and "1".

(c) Retrieve text of any RFC. See:

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

(d) Search for RFCs by category. See:

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

(e) Search the RFC index for document number, author, title, and/or keywords, and retrieve the text of any matching documents. See:

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

RFC information can also be retrieved using FTP or email.

2.3 Retrieval using FTP

RFC-related files may be copied via FTP from the FTP.RFC-EDITOR.ORG computer using the FTP username "anonymous" and password "name@host.domain". An FTP user can:

(a) Retrieve the latest version of this STD 1 memo.

File: "in-notes/std/std1.txt"

(b) Retrieve text of any RFC.

File: "in-notes/rfcnnnn.txt" will retrieve the ASCII version. Some RFCs also have secondary Postscript and/or PDF versions, available from File: "in-notes/rfcnnnn.ps" and/or "in-notes/rfcnnnn.pdf", respectively.

Here "nnnn" is a 1-4 digit RFC number, with no leading zeros.

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2.4 Search and Retrieval Using Email

To use the RFC Editor's email-based RFC-INFO service, send a request to:

RFC-INFO@RFC-EDITOR.ORG

In the message body, include your information request. For example, the following message bodies may be used.

(a) To retrieve the latest version of this STD 1 memo:

Retrieve: STD Doc-ID: STD0001

(b) To retrieve ASCII text of any RFC:

Retrieve: RFC Doc-ID: RFCnnnn

Here "nnnn" must be filled with leading zeros to 4 digits.

(c) The RFC-INFO@RFC-EDITOR.ORG server provides other capabilities, e.g., search and retrieval based on author, title, and/or keyword. For more information, send the following message body to the server:

help: help

The server will email back the results.

3. Current Technical Specifications

3.1. Standard Protocols Ordered by STD

Mnemonic	Title	RFC#	STD#
	Internet Official Protocol Standards	3000	1*
	Assigned Numbers	1700	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.]		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
TELNET	Telnet Option Specifications	855	8
FTP	File Transfer Protocol	959	9
SMTP	Simple Mail Transfer Protocol	821	10
SMTP-SIZE	SMTP Service Extension for Message Size Declaration	1870	10
MAIL	Standard for the format of ARPA Internet text messages	822	11
NTP	[Reserved for Network Time Protocol (NTP). See RFC 305.1		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.]		14
SNMP	Simple Network Management Protocol (SNMP)	1157	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
EGP	[Was Exterior Gateway Protocol (RFC 904). Now Historic.]		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
ЕСНО	Echo Protocol	862	20

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RFC 3000	Internet Standards N	ovember	2001
DISCARD CHARGEN QUOTE USERS DAYTIME TIME TOPT-BIN TOPT-ECHO TOPT-SUPP TOPT-STAT TOPT-TIM TOPT-EXTOP TFTP	Discard Protocol Character Generator Protocol Quote of the Day Protocol Active users Daytime Protocol Time Protocol Telnet Binary Transmission Telnet Echo Option Telnet Suppress Go Ahead Option Telnet Status Option Telnet Timing Mark Option Telnet Extended Options: List Option The TFTP Protocol (Revision 2)	863 864 865 866 867 868 856 857 858 859 860 861 1350	23 24 25 26 27
RIP1	[Was Routing Information Protocol (RIP). Replace by STD 56.]	d	34
TP-TCP	ISO transport services on top of the TCP:	1006	35
IP-FDDI ARP	Version 3 Transmission of IP and ARP over FDDI Networks Ethernet Address Resolution Protocol: Or convertinetwork protocol addresses to 48.bit Ethernet	1390 ng 826	36 37
RARP IP-ARPA	address for transmission on Ethernet hardware Reverse Address Resolution Protocol [Was BBN Report 1822 (IMP/Host Interface). Now Historic.]	903	38 39
IP-WB	Host Access Protocol specification	907	40
IP-E	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 HYPERchanne Protocol specification	1: 1044	45
IP-ARC IP-SLIP	Transmitting IP traffic over ARCNET networks Nonstandard for transmission of IP datagrams over serial lines: SLIP	1201 1055	46 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
ETHER-MIB	Definitions of Managed Objects for the Ethernet- like Interface Types	1643	50
PPP	The Point-to-Point Protocol (PPP)	1661	51
PPP-HDLC	PPP in HDLC-like Framing	1662	51
IP-SMDS	Transmission of IP datagrams over the SMDS Servic		52
POP3	Post Office Protocol - Version 3	1939	53
OSPF2	OSPF Version 2	2328	54
		_020	

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RFC 3000	Internet Standards	November	2001
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	2578	58
	2 (SMIv2)		
CONV-MIB	Textual Conventions for SMIv2	2579	58
CONF-MIB	Conformance Statements for SMIv2	2580	58
RMON-MIB	Remote Network Monitoring Management Information	n 2819	59
	Base		
SMTP-Pipe	SMTP Service Extension for Command Pipelining	2920	60
ONE-PASS	A One-Time Password System	2289	61

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3.2. Standard Protocols Ordered by RFC

Mnemonic	Title	STD#	# RFC#
	Internet Official Protocol Standards	1*	3000*
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
	Assigned Numbers	2	1700
PPP-HDLC	PPP in HDLC-like Framing	51	1662
PPP	The Point-to-Point Protocol (PPP)	51	1661
ETHER-MIB	Definitions of Managed Objects for the Ethernet-	50	1643
	like Interface Types		
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	17	1213
	of TCP/IP-based internets:MIB-II		
Concise-MI	Concise MIB definitions	16	1212
IP-SMDS	Transmission of IP datagrams over the SMDS Service	52	1209
IP-ARC	Transmitting IP traffic over ARCNET networks	46	1201
SNMP	Simple Network Management Protocol (SNMP)	15	1157
SMI	Structure and identification of management	16	1155
	information for TCP/IP-based internets		
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	48	1088
	over NetBIOS networks		
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

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RFC 3000	Internet Standards N	Novembe:	r 2001
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 services 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	Reverse Address Resolution Protocol	38	903
IP-EE	Standard for the transmission of IP datagrams over experimental Ethernet networks	42	895
IP-E	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
TOPT-EXTOP	Telnet Extended Options: List Option	32	861
TOPT-TIM	Telnet Timing Mark Option	31	860
TOPT-STAT	Telnet Status Option	30	859
TOPT-SUPP	Telnet Suppress Go Ahead Option	29	858
TOPT-ECHO	Telnet Echo Option	28	857
TOPT-BIN	Telnet Binary Transmission	27	856
TELNET	Telnet Option Specifications	8	855
TELNET	Telnet Protocol Specification	8	854
ARP	Ethernet Address Resolution Protocol: Or convertine network protocol addresses to 48.bit Ethernet address for transmission on Ethernet hardware	.ng 37	826
MAIL	Standard for the format of ARPA Internet text messages	11	822
SMTP TCP	Simple Mail Transfer Protocol Transmission Control Protocol	10 7	821 793

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ICMP	Internet Control Message Protocol	5	792
IP	Internet Protocol	5	791
UDP	User Datagram Protocol	6	768

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

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3.3. Draft Standard Protocols

Mnemonic	Title	RFC#
RADIUS	Remote Authentication Dial In User Service (RADIUS)	2865
INTERGRMIB	The Interfaces Group MIB	2863
	Host Resources MIB	2790
	HTTP Authentication: Basic and Digest Access	2617
	Authentication	
HTTP	Hypertext Transfer Protocol HTTP/1.1	2616
VACM-SNMP	View-based Access Control Model (VACM) for	2575
HOM ONIMPITO	the Simple Network Management Protocol (SNMP)	0574
USM-SNMPV3	User-based Security Model (USM) for version	2574
CNIMD ADD	3 of the Simple Network Management Protocol (SNMPv3)	2573
SNMP-APP MPD-SNMP	SNMP Applications Message Processing and Dispatching for the	2573
MED-SIMME	Simple Network Management Protocol (SNMP)	2312
ARCH-SNMP	An Architecture for Describing SNMP Management	2571
mon birn	Frameworks	2571
ICMPv6	Internet Control Message Protocol (ICMPv6)	2463
	for the Internet Protocol Version 6 (IPv6)	
	Specification	
IPV6-AUTO	IPv6 Stateless Address Autoconfiguration	2462
IPV6-ND	Neighbor Discovery for IP Version 6 (IPv6)	2461
IPV6	Internet Protocol, Version 6 (IPv6) Specification	2460
URI-GEN	Uniform Resource Identifiers (URI): Generic Syntax	2396
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
UTF-8	UTF-8, a transformation format of ISO 10646	2279
	DHCP Options and BOOTP Vendor Extensions	2132
DHCP	Dynamic Host Configuration Protocol	2131
FRAME-MIB	Management Information Base for Frame Relay	2115
IP-HIPPI	DTEs Using SMIv2 IP over HIPPI	2067
MIME-CONF	Multipurpose Internet Mail Extensions (MIME)	2049
HIM COM	Part Five: Conformance Criteria and Examples	2045
MIME-MSG	MIME (Multipurpose Internet Mail Extensions)	2047
	Part Three: Message Header Extensions for	
	Non-ASCII Text	
MIME-MEDIA	Multipurpose Internet Mail Extensions (MIME)	2046
	Part Two: Media Types	
MIME	Multipurpose Internet Mail Extensions (MIME)	2045
	Part One: Format of Internet Message Bodies	
PPP-CHAP	PPP Challenge Handshake Authentication Protocol (CHAP)	1994
PPP-MP	The PPP Multilink Protocol (MP)	1990

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PPP-LINK	PPP Link Quality Monitoring	1989
SNMPv2-MIB	Management Information Base for Version 2	1907
	of the Simple Network Management Protocol (SNMPv2)	
TRANS-MIB	Transport Mappings for Version 2 of the Simple	1906
000 110	Network Management Protocol (SNMPv2)	1005
OPS-MIB	Protocol Operations for Version 2 of the Simple Network Management Protocol (SNMPv2)	1905
CON-MD5	The Content-MD5 Header Field	1864
OSPF-MIB	OSPF Version 2 Management Information Base	1850
XDR	XDR: External Data Representation Standard	1832
	The String Representation of Standard Attribute	1778
	Syntaxes	1 7 7 7
BGP-4-APP	Lightweight Directory Access Protocol Application of the Border Gateway Protocol	1777 1772
DGF -4-AFF	in the Internet	1112
BGP-4	A Border Gateway Protocol 4 (BGP-4)	1771
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-	1660
	printer-like Hardware Devices using SMIv2	
	Definitions of Managed Objects for RS-232-	1659
	like Hardware Devices using SMIv2 Definitions of Managed Objects for Character	1658
	Stream Devices using SMIv2	1030
BGP-4-MIB	Definitions of Managed Objects for the Fourth	1657
	Version of the Border Gateway Protocol (BGP-4) using SMIv2	
	SMTP Service Extension for 8bit-MIMEtransport	1652
OSI-NSAP	Guidelines for OSI NSAP Allocation in the Internet	1629
	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
	Definitions of Managed Objects for Bridges	1493
IP-X.25	Multiprotocol Interconnect on X.25 and ISDN	1356
	in the Packet Mode	
NTPV3	Network Time Protocol (Version 3) Specification, Implementation	1305
FINGER	The Finger User Information Protocol	1288
IP-MTU	Path MTU discovery	1191
	Proposed Standard for the Transmission of	1188
	IP Datagrams over FDDI Networks	

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TOPT-LINE Telnet Linemode Option 1184
NICNAME NICNAME/WHOIS 954
BOOTP Bootstrap Protocol 951

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

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3.4. Proposed Standard Protocols

Mnemonic	Title	RFC#
	Reuse of CMS Content Encryption Keys	3185*
	Aggregation of RSVP for IPv4 and IPv6 Reservations	3175*
IPCOMP	IP Payload Compression Protocol (IPComp)	3173*
	The Addition of Explicit Congestion Notification	3168*
	(ECN) to IP	0100
	Definitions of Managed Objects for the Delegation of Management Scripts	3165*
	RADIUS and IPv6	3162*
TSA	<pre>Internet X.509 Public Key Infrastructure Time-Stamp Protocol (TSP)</pre>	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	3144*
	Parameters Monitoring	
	Per Hop Behavior Identification Codes	3140
	The Congestion Manager	3124
	Extensions to IPv6 Neighbor Discovery for Inverse Discovery Specification	3122
	A More Loss-Tolerant RTP Payload Format for MP3 Audio	3119
	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	3110
	System (DNS)	
	Conventions for the use of the Session Description Protocol (SDP) for ATM Bearer Connections	3108
SDP	Carrying Label Information in BGP-4	3107
RSVP	RSVP Cryptographic Authentication Updated Message	3097
	Type Value	
	RObust Header Compression (ROHC): Framework and four profiles	3095
	DNS Security Extension Clarification on Zone Status	3090
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
	XML-Signature Syntax and Processing	3075
	DHC Load Balancing Algorithm	3074
L2TP-FR	Layer Two Tunneling Protocol (L2TP) over Frame Relay	3070
	An Anycast Prefix for 6to4 Relay Routers	3068
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RFC 3000	Internet Standards Novemb	er 2001
BGP-ASC	Autonomous System Confederations for BGP	3065
	LDAP Password Modify Extended Operation	3062
CIM	Policy Core Information Model Version 1	3060
CI D0	Specification	2050
SLPv2	Attribute List Extension for the Service Location Protocol	3059
	ISDN Q.921-User Adaptation Layer	3057
	Connection of IPv6 Domains via IPv4 Clouds	3056
	Management Information Base for the PINT Services	3055
	Architecture	3000
	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
	Privacy Extensions for Stateless Address	3041
	Autoconfiguration in IPv6	
	Internet X.509 Public Key Infrastructure Qualified	3039
	Certificates Profile	
	VCID Notification over ATM link for LDP	3038
	LDP Specification	3036
	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	3033
	Identifier in the Q.2941 Generic Identifier	3033
	and Q.2957 User-to-user Signaling for the Internet	
	Protocol	
	MPLS Label Stack Encoding	3032
MPLS	Multiprotocol Label Switching Architecture	3031
	SMTP Service Extensions for Transmission of Large	3030
	and Binary MIME Messages	
	Sieve: A Mail Filtering Language	3028
	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	3020
	Controlling the UNI/NNI Multilink Frame Relay	
	Function ID Vargion 6 Management Information Rage for The	3019
	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
MEGACO	Megaco Protocol Version 1.0	3015
	Notification Log MIB	3014
	Mobile IPv4 Challenge/Response Extensions	3012
	The IPv4 Subnet Selection Option for DHCP	3011
NFSv4	NFS version 4 Protocol	3010
	Registration of parityfec MIME types	3009

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DNSSEC	Domain Name System Security (DNSSEC) Signing Authority Secure Domain Name System (DNS) Dynamic Update Integrated Services in the Presence of Compressible	3008 3007 3006
	Flows	
	The User Class Option for DHCP	3004
	The audio/mpeg Media Type	3003
	Specification of the Null Service Type	2997 2996
	Format of the RSVP DCLASS Object Computing TCP's Retransmission Timer	2996
	Registration of Charset and Languages Media Features	2987
	Tags	2301
	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
	Stream Control Transmission Protocol	2960
	Real-Time Transport Protocol Management Information	2959
	Base Definitions of Managed Objects for Monitoring and	2955
	Controlling the Frame Relay/ATM PVC Service	2933
	Interworking Function	
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 2940
	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
	IPv4 Multicast Routing MIB	2932
	DNS Request and Transaction Signatures (SIG(0)s)	2931
TKEY-RR	Secret Key Establishment for DNS (TKEY RR)	2930
	Definitions of Managed Objects for Remote Ping,	2925
	Traceroute, and Lookup Operations	
	List-Id: A Structured Field and Namespace for the	2919
	Identification of Mailing Lists	

KFC 3000	internet Standards Novemb	er 2001
	Route Refresh Capability for BGP-4	2918
	E.164 number and DNS	2916
NAPTR	The Naming Authority Pointer (NAPTR) DNS Resource Record	2915
	MIME Content Types in Media Feature Expressions	2913
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	The ESP DES-CBC Transform	1829
	IP Authentication using Keyed MD5	1828
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URL	Relative Uniform Resource Locators	1808
CLDAP	Connection-less Lightweight X.500 Directory Access	1798
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OSPF-DC	Extending OSPF to Support Demand Circuits	1793
OSI-Dir	Using the OSI Directory to Achieve User Friendly	1781
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MIME-EDI	MIME Encapsulation of EDI Objects	1767
XNSCP	The PPP XNS IDP Control Protocol (XNSCP)	1764
BVCP	The PPP Banyan Vines Control Protocol (BVCP)	1763
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Print-MIB	Printer MIB	1759
ATM	ATM Signaling Support for IP over ATM	1755
IPNG	The Recommendation for the IP Next Generation Protocol	1752
802.5-SSR	IEEE 802.5 Station Source Routing MIB using SMIv2	1749
SDLCSMIv2	Definitions of Managed Objects for SNA Data Link	1747
0011111	Control (SDLC) using SMIv2	
AT MID	-	1712
AT-MIB	AppleTalk Management Information Base II	1742
MacMIME	MIME Encapsulation of Macintosh Files - MacMIME	1740
URL	Uniform Resource Locators (URL)	1738
POP3-AUTH	POP3 AUTHentication command	1734
IMAP4-AUTH	IMAP4 Authentication Mechanisms	1731
RDBMS-MIB	Relational Database Management System (RDBMS)	1697
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MODEM-MIB	Modem Management Information Base (MIB) using SMIv2	1696
TMUX	Transport Multiplexing Protocol (TMux)	1692
SNANAU-MIB	Definitions of Managed Objects for SNA NAUs using	1666
	SMIv2	
PPP-TRANS	PPP Reliable Transmission	1663
	Postmaster Convention for X.400 Operations	1648
UPS-MIB	UPS Management Information Base	1628
PPP-ISDN	PPP over ISDN	1618
DNS-R-MIB	DNS Resolver MIB Extensions	1612
DNS-S-MIB	DNS Server MIB Extensions	1611
PPP-X25	PPP in X.25	1598
OSPF-NSSA	The OSPF NSSA Option	1587
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	Multicast Extensions to OSPF	1584
RIP-DC	Extensions to RIP to Support Demand Circuits	1582
	Telnet Environment Option	1572
PPP-LCP	PPP LCP Extensions	1570
CIPX	Compressing IPX Headers Over WAN Media (CIPX)	1553
IPXCP	The PPP Internetworking Packet Exchange Control Protocol (IPXCP)	1552
SRB-MIB	Definitions of Managed Objects for Source Routing Bridges	1525
CIDR-STRA	Classless Inter-Domain Routing (CIDR): an Address Assignment and Aggregation Strategy	1519
CIDR-ARCH	An Architecture for IP Address Allocation with CIDR	1518
CIDR	Applicability Statement for the Implementation of Classless Inter-Domain Routing (CIDR)	1517
	Definitions of Managed Objects for IEEE 802.3 Medium Attachment Units (MAUs)	1515
	Token Ring Extensions to the Remote Network Monitoring MIB	1513
FDDI-MIB	FDDI Management Information Base	1512
KERBEROS	The Kerberos Network Authentication Service (V5)	1510
	X.400 Use of Extended Character Sets	1502
HARPOON	Rules for downgrading messages from X.400/88 to	1496
	X.400/84 when MIME content-types are present in the messages	
Equiv	Equivalences between 1988 X.400 and RFC-822 Message Bodies	1494
IDPR	<pre>Inter-Domain Policy Routing Protocol Specification: Version 1</pre>	1479
IDPR-ARCH	An Architecture for Inter-Domain Policy Routing	1478
PPP/Bridge	The Definitions of Managed Objects for the Bridge	1474
	Network Control Protocol of the Point-to-Point Protocol	
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
IP-TR-MC	IP Multicast over Token-Ring Local Area Networks	1469
X25-MIB	SNMP MIB extension for Multiprotocol Interconnect over X.25	1461
SNMPv2	Introduction to version 2 of the Internet-standard Network Management Framework	1441
PEM-KEY	Privacy Enhancement for Internet Electronic Mail: Part IV	1424
PEM-ALG	Privacy Enhancement for Internet Electronic Mail: Part III	1423

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PEM-CKM	Privacy Enhancement for Internet Electronic Mail: Part II	1422
PEM-ENC	Privacy Enhancement for Internet Electronic Mail: Part I	1421
SNMP-IPX	SNMP over IPX	1420
SNMP-AT	SNMP over AppleTalk	1419
SNMP-OSI	SNMP over OSI	1418
FTP	FTP-FTAM Gateway Specification	1415
IDENT-MIB	Identification MIB	1414
IDENT	Identification Protocol	1413
	Default Route Advertisement In BGP2 and BGP3 Version	1397
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SNMP-X.25	SNMP MIB Extension for the X.25 Packet Layer	1382
SNMP-LAPB	SNMP MIB Extension for X.25 LAPB	1381
PPP-ATCP	The PPP AppleTalk Control Protocol (ATCP)	1378
PPP-OSINLC	The PPP OSI Network Layer Control Protocol (OSINLCP)	1377
TOPT-RFC	Telnet Remote Flow Control Option	1372
	Applicability Statement for OSPF	1370
PPP-IPCP	The PPP Internet Protocol Control Protocol (IPCP)	1332
	X.400 1988 to 1984 downgrading	1328
TCP-EXT	TCP Extensions for High Performance	1323
NETFAX	A File Format for the Exchange of Images in the	1314
	Internet	
FDDI-MIB	FDDI Management Information Base	1285
	Encoding Network Addresses to Support Operation	1277
	over Non-OSI Lower Layers	
	Replication and Distributed Operations extensions	1276
	to provide an Internet Directory using X.500	
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BGP-MIB	Definitions of Managed Objects for the Border Gateway Protocol: Version 3	1269
ICMP-ROUT	ICMP Router Discovery Messages	1256
STD-MIBs	Reassignment of experimental MIBs to standard MIBs	1239
IPX-IP	Tunneling IPX traffic through IP networks	1234
IS-IS	Use of OSI IS-IS for routing in TCP/IP and dual	1195
	environments	
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
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TOPT-DATA	Telnet Data Entry Terminal option: DODIIS	1043
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TOPT-3270	Telnet 3270 regime option	1041
NNTP	Network News Transfer Protocol	977
TOPT-TLN	Telnet terminal location number option	946
TOPT-OM	Output marking Telnet option	933

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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 Telm	et 726	
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TOPT-EXT	Telnet extended ASCII option	698	

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3.5. Best Current Practice by BCP

Mnemonic	Title	RFC#	BCP#
	Best Current Practices	1818	1
	Addendum to RFC 1602 Variance Procedure	1871	2
	Variance for The PPP Connection Control Protocol	1915	3
	and The PPP Encryption Control Protocol		
	An Appeal to the Internet Community to Return	1917	4
	Unused IP Networks (Prefixes) to the IANA		
	Address Allocation for Private Internets	1918	5
	Guidelines for creation, selection, and	1930	6
	registration of an Autonomous System (AS)		
	Implications of Various Address Allocation	2008	7
	Policies for Internet Routing		
	IRTF Research Group Guidelines and Procedures	2014	8
	The Internet Standards Process Revision 3	2026	9
	IAB and IESG Selection, Confirmation, and Recall	2727	10
	Process: Operation of the Nominating and Recall		
	Committees		
	The Organizations Involved in the IETF Standards	2028	11
	Process		
	Internet Registry IP Allocation Guidelines	2050	12
	Multipurpose Internet Mail Extensions (MIME) Part	2048	13
	Four: Registration Procedures		
	Key words for use in RFCs to Indicate Requirement	2119	14
	Levels		
	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	2350	21
	Response		
	Guide for Internet Standards Writers	2360	22
	Administratively Scoped IP Multicast	2365	23
	RSVP over ATM Implementation Guidelines	2379	
	IETF Working Group Guidelines and Procedures	2418	25
	Guidelines for Writing an IANA Considerations	2434	26
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	Procedure for Defining New DHCP Options	2489	29
	Anti-Spam Recommendations for SMTP MTAs	2505	30
	Media Feature Tag Registration Procedure	2506	31
	Reserved Top Level DNS Names	2606	32
	URN Namespace Definition Mechanisms	2611	33
	Changing the Default for Directed Broadcasts in Routers	2644	34
	Registration Procedures for URL Scheme Names	2717	35
	Guidelines for Writers of RTP Payload Format	2736	36
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	Network Ingress Filtering: Defeating Denial of	2827	38
	Service Attacks which employ IP Source Address		
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	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
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	New DHCP Options and Message Types		
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	Recommended Internet Service Provider Security	3013	46
	Services and Procedures		
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	End-to-end Performance Implications of Slow Links	3150	48*
	Delegation of IP6.ARPA	3152	49*
	End-to-end Performance Implications of Links with	3155	50*
	Errors		
	IANA Guidelines for IPv4 Multicast Address	3171	51*
	Assignments		
	Management Guidelines & Operational Requirements	3172	52*
	for the Address and Routing Parameter Area		
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	GLOP Addressing in 233/8	3180	53*
	IETF Guidelines for Conduct	3184	54*

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Management Guidelines & Operational Requirements for the Address and Routing Parameter Area Domain ("arpa") IANA Guidelines for IPv4 Multicast Address Assignments End-to-end Performance Implications of Links with Errors Delegation of IP6.ARPA End-to-end Performance Implications of Slow Links 48 3 Tags for the Identification of Languages Recommended Internet Service Provider Security Services and Procedures IETF Discussion List Charter IANA Charset Registration Procedures Use of HTTP State Management Procedures and IANA Guidelines for Definition of New DHCP Options and Message Types	184*
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RFC	3000	Internet Standards	Novembe	er 2001
		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	
		Deployment of the Internet White Pages Service		2148
		Key words for use in RFCs to Indicate Requirement Levels	14	2119
		Internet Registry IP Allocation Guidelines	12	2050
		Multipurpose Internet Mail Extensions (MIME) Part Four: Registration Procedures	13	2048
		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 Connection Control Protocol and The PPP Encryption Control Protocol	3	1915
		Addendum to RFC 1602 Variance Procedure	2	1871
		Best Current Practices	1	1818

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3.7. Experimental Protocols

Mnemonic	Title	RFC#
SMX	Script MIB Extensibility Protocol Version 1.1	3179*
	A DNS RR Type for Lists of Address Prefixes (APL RR)	3123*
	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
	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
	GLOP Addressing in 233/8	2770
	Sampling of the Group Membership in RTP	2762
	Definitions of Managed Objects for Service Level	2758
	Agreements Performance Monitoring	
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
	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
	The NewReno Modification to TCP's Fast Recovery Algorithm	2582
	Mapping between LPD and IPP Protocols	2569

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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
		2523
	Photuris: Session-Key Management Protocol	2522
ICMP-SEC	ICMP Security Failures Messages	
	NHRP with Mobile NHCs	2520
	URI Resolution Services Necessary for URN Resolution	2483
	IPv6 Testing Address Allocation	2471
MARS-SCSP	A Distributed MARS Service Using SCSP	2443
TCP-WIN	Increasing TCP's Initial Window	2414
PIM-SM	Protocol Independent Multicast-Sparse Mode	2362
	PIM-SM): Protocol Specification	
	Domain Names and Company Name Retrieval	2345
RTP-MPEG	RTP Payload Format for Bundled MPEG	2343
	Intra-LIS IP multicast among routers over ATM	2337
	using Sparse Mode PIM	
	The Safe Response Header Field	2310
LDAP-NIS	An Approach for Using LDAP as a Network Information	2307
	Service	
HTTP-RVSA	HTTP Remote Variant Selection Algorithm RVSA/1.0	2296
TCN-HTTP	Transparent Content Negotiation in HTTP	2295
TOPT-COMPO		2217
	Core Based Trees (CBT) Multicast Routing Architecture	2201
	Core Based Trees (CBT version 2) Multicast Routing	2189
	A Trivial Convention for using HTTP in URN Resolution	2169
	Resolution of Uniform Resource Identifiers using	2168
	the Domain Name System	2100
MAP-MAIL	MaXIM-11 - Mapping between X.400 / Internet mail	2162
MAR -MAIL	and Mail-11 mail	2102
MIME-ODA	A MIME Body Part for ODA	2161
		2151
OSPF-DIG	OSPF with Digital Signatures	
IP-SCSI	Encapsulating IP with the Small Computer System Interface	2143
V EOO NAME		2120
	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 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	1986
	for Radio Links using Enhanced Trivial File	
	Transfer Protocol (ETFTP)	
BGP-RR	BGP Route Reflection An alternative to full mesh IBGP	1966
SMKD	Scalable Multicast Key Distribution	1949

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RFC 3000	Internet Standards	November	2001
SNMPV2SM SNMPV2AI SNMPV2CB	User-based Security Model for SNMPv2 An Administrative Infrastructure for SNMPv2 Introduction to Community-based SNMPv2	-	1910 1909 1901
DNS-LOC	OSI NSAPs and IPv6 A Means for Expressing Location Information in the Domain Name System		1888 1876
SGML-MT CONT-MT	SGML Media Types Message/External-Body Content-ID Access Type	-	1874 1873
UNARP BGP-IDRP	ARP Extension - UNARP A BGP/IDRP Route Server alternative to a full mesh routing		1868 1863
ESP3DES	The ESP Triple DES Transform SMTP 521 Reply Code	-	1851 1846
ST2	SMTP Service Extension for Checkpoint/Restart Internet Stream Protocol Version 2 (ST2) Protocol Specification - Version ST2+		1845 1819
	Communicating Presentation Information in Internet Messages: The Content-Disposition Header		1806
	Schema Publishing in X.500 Directory MHS use of the X.500 Directory to support MHS Rou Class A Subnet Experiment	uting 1	1804 1801 1797
TCP/IPXMIB	TCP/IPX Connection Mib Specification TCP And UDP Over IPX Networks With Fixed Path MTU	-	1792 1791
ICMP-DM CLNP-MULT OSPF-OVFL	ICMP Domain Name Messages Host Group Extensions for CLNP Multicasting OSPF Database Overflow	-	1788 1768 1765
RWP NARP	Remote Write Protocol - Version 1.0 NBMA Address Resolution Protocol (NARP)	-	1756 1735
TCP-POS	DNS Encoding of Geographical Location An Extension to TCP: Partial Order Service T/TCP TCP Extensions for Transactions Function	-	1712 1693
T/TCP MIME-UNI	Specification Using Unicode with MIME		1644 1641
	FTP Operation Over Big Address Records (FOOBAR) Charting Networks in the X.500 Directory	-	1639 1609
X500-DIR SNMP-DPI	Representing IP Information in the X.500 Director Simple Network Management Protocol Distributed Protocol Interface Version 2.0	_	1608 1592
CLNP-TUBA REM-PRINT	Use of ISO CLNP in TUBA Environments Principles of Operation for the TPC.INT Subdomain Remote Printing Technical Procedures		1561 1528
DASS EHF-MAIL	DASS - Distributed Authentication Security Service Encoding Header Field for Internet Messages		1507 1505
RAP TP-IX	RAP: Internet Route Access Protocol TP/IX: The Next Internet		1476 1475

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Internet Standards

RFC 3000

LDP

RDP

November 2001

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Routing Coordination for X.400 MHS Services Within 1465 a Multi Protocol / Multi Network Environment Table Format V3 for Static Routing Using the Domain Name System To Store Arbitrary 1464 String Attributes IRCP Internet Relay Chat Protocol 1459 SIFT/UFT: Sender-Initiated/Unsolicited File Transfer SIFT 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 RMCP Remote Mail Checking Protocol 1383 1339 MSP2 Message Send Protocol 2
DSLCP Dynamically Switched Link Control Protocol
----- X.500 and Domains 1312 1307 1279 IN-ENCAP Scheme for an internet encapsulation protocol: 1241 Version 1 CLNS-MIB CLNS MIB for use with Connectionless Network Protocol 1238 (ISO 8473) and End System to Intermediate System (ISO 9542) 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 Message Posting Protocol (MPP) MPP SNMP-BULK Bulk Table Retrieval with the SNMP 1187 DNS-RR New DNS RR Definitions 1183 Interactive Mail Access Protocol: Version 2 IMAP2 1176 NTP-OSI Network Time Protocol (NTP) over the OSI Remote 1165 Operations Service DMF-MAIL Digest message format 1153 RDP Version 2 of the Reliable Data Protocol (RDP) 1151 ----- Standard for the transmission of IP datagrams 1149 on avian carriers TCP-ACO TCP alternate checksum options 1146 ---- The Q Method of Implementing TELNET Option Negotiation 1143 IP-DVMRP Distance Vector Multicast Routing Protocol
VMTP VMTP: Versatile Message Transaction Protocol 1075 1045 COOKIE-JAR Distributed-protocol authentication scheme 1004 NETBLT: A bulk data transfer protocol 998 Internet Reliable Transaction Protocol functional IRTP 938

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and interface specification

Loader Debugger Protocol

Reliable Data Protocol

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3.8. Historic Protocols

Mnemonic	Title	RFC#
IP-MAC	IP Authentication using Keyed SHA1 with Interleaved Padding (IP-MAC)	2841
L2F	Cisco Layer Two Forwarding (Protocol) "L2F"	2341
IPV6-UNI	An IPv6 Provider-Based Unicast Address Format	2073
HTML-INT	Internationalization of the Hypertext Markup Language	2070
	A Proposed Extension to HTML : Client-Side Image Maps	1980
HTML-TBL	HTML Tables	1942
IPV6-Addr	IP Version 6 Addressing Architecture	1884
	Form-based File Upload in HTML	1867
HTML	Hypertext Markup Language - 2.0	1866
BGP4-IDRP	BGP4/IDRP for IPOSPF Interaction	1745*
	Definitions of Managed Objects for the Ethernet- like Interface Types	1623
	Manager-to-Manager Management Information Base	1451
	Party MIB for version 2 of the Simple Network Management Protocol (SNMPv2)	1447
	Security Protocols for version 2 of the Simple Network Management Protocol (SNMPv2)	1446
	Administrative Model for version 2 of the Simple Network Management Protocol (SNMPv2)	1445
TOPT-ENVIR	Telnet Environment Option	1408
BGP-OSPF	BGP OSPF Interaction	1403*
SNMP-PARTY	Definitions of Managed Objects for Administration of SNMP Parties	1353
SNMP-SEC	SNMP Security Protocols	1352
SNMP-ADMIN	SNMP Administrative Model	1351
	Application of the Border Gateway Protocol in the Internet	1268
BGP3	Border Gateway Protocol 3 (BGP-3)	1267
OSI-UDP	OSI connectionless transport services on top of UDP: Version 1	1240
802.4-MIP	IEEE 802.4 Token Bus MIB	1230
SNMP-MUX	SNMP MUX protocol and MIB	1227
	OSI internet management: Management Information Base	1214
IMAP3	Interactive Mail Access Protocol: Version 3	1203
CMOT	Common Management Information Services and Protocols for the Internet (CMOT and CMIP)	1189
	Application of the Border Gateway Protocol in the Internet	1164
BGP	Border Gateway Protocol (BGP)	1163
MIB-I	Management Information Base for network management of TCP/IP-based internets	1156
	Mapping between full RFC 822 and RFC 822 with restricted encoding	1137

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	Part III - algorithms, modes, and identifiers	1111
	Privacy enhancement for Internet electronic mail: Part II - certificate-based key management	1114
	Privacy enhancement for Internet electronic mail:	1113
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	procedures	
IPSO	U.S. Department of Defense Security Options for	1108
	the Internet Protocol	
RIP	Routing Information Protocol	1058
	Standard for the transmission of IP datagrams	1051
	and ARP packets over ARCNET networks	
SUN-RPC	RPC: Remote Procedure Call Protocol specification	1050
CONTENT	Content-type header field for Internet messages	1049
NFILE	NFILE - a file access protocol	1037
SGMP	Simple Gateway Monitoring Protocol	1028
HEMS	High-level Entity Management System (HEMS)	1021
STATSRV	Requirements for Internet gateways Statistics server	1009 996
HOSTNAME	Hostname Server	953
POP2	Post Office Protocol: Version 2	937
HFEP	Proposed Host-Front End Protocol	929
RATP	Reliable Asynchronous Transfer Protocol (RATP)	916
THINWIRE	Thinwire protocol for connecting personal computers	914
	to the Internet	
SFTP	Simple File Transfer Protocol	913
EGP	Exterior Gateway Protocol formal specification	904
HMP	Host Monitoring Protocol	869
GGP	DARPA Internet gateway	823
RTELNET	Remote User Telnet service	818
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TOPT-OCRD	Telnet output carriage-return disposition option	652
NETED	NETED: A Common Editor for the ARPA Network	569
RJE	Remote Job Entry Protocol	407

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

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4. Security Coniderations

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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