Request for Comments Summary
RFC Numbers 1200-1299

Status of This Memo

This RFC is a slightly annotated list of the 100 RFCs from RFC 1200 through RFCs 1299. This is a status report on these RFCs. This memo provides information for the Internet community. It does not specify an Internet standard of any kind. Distribution of this memo is unlimited.

Note

Many RFCs, but not all, are Proposed Standards, Draft Standards, or Standards. Since the status of these RFCs may change during the standards processing, we note here only that they are on the standards track. Please see the latest edition of "Internet Official Protocol Standards" for the current state and status of these RFCs. In the following, RFCs on the standards track are marked [STANDARDS-TRACK].

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This memo.

1298  Wormley  Feb 92  SNMP over IPX

This memo defines a convention for encapsulating Simple Network Management Protocol (SNMP) packets over the transport mechanism provided via the Internetwork Packet Exchange (IPX) protocol. This memo provides information for the Internet community. It does not specify an Internet standard.
This document explores competing uses, architectures, and desirable features of integrated internal trouble ticket systems for Network and other Operations Centers. This memo provides information for the Internet community. It does not specify an Internet standard.

This document illustrates the growth of the Internet by examination of entries in the Domain Name System (DNS) and pre-DNS host tables. This memo provides information for the Internet community. It does not specify an Internet standard.

This RFC is a near-verbatim copy of a document, known as NADF-265, which has been produced by the North American Directory Forum (NADF). This memo provides information for the Internet community. It does not specify an Internet standard.

This memo describes an encapsulation method for carrying network interconnect traffic over a Frame Relay backbone. It covers aspects of both Bridging and Routing. [STANDARDS-TRACK]

This memo describes additions to ARP that will allow a station to request a protocol address corresponding to a given hardware address. [STANDARDS-TRACK]
1292  Lang    Jan 92   A Catalog of Available X.500 Implementations

The goal of this document is to provide information regarding the availability and capability of implementations of X.500. This memo provides information for the Internet community. It does not specify an Internet standard.

1291  Aggarwal  Dec 91   Mid-Level Networks Potential Technical Services

This document proposes a set of technical services that each Internet mid-level network can offer within the mid-level network itself and to its peer networks. This RFC provides information for the Internet community. It does not specify an Internet standard.

1290  Martin   Dec 91   There’s Gold in them thar Networks! or Searching for Treasure in all the Wrong Places

This paper will present some of the "gold nuggets" of information and file repositories on the network that could be of use to end users. This RFC provides information for the Internet community. It does not specify an Internet standard.

1289  Saperia  Dec 91   DECnet Phase IV MIB Extensions

This memo is an extension to the SNMP MIB. This memo defines a set of DECnet Phase IV extensions that have been created for the Internet MIB. [STANDARDS-TRACK]

1288  Zimmerman  Dec 91   The Finger User Informational Protocol

This memo describes the Finger user information protocol. This is a simple protocol which provides an interface to a remote user information program. [STANDARDS-TRACK]

1287  Clark    Dec 91   Towards the Future Internet Architecture

This informational RFC discusses important directions for possible future evolution of the Internet architecture, and suggests steps towards the desired goals. This memo provides information for the Internet community. It does not specify an Internet standard.
1286  Decker  Dec 91  Definitions of Managed Objects for Bridges

This memo defines a portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP based internets. In particular it defines objects for managing bridges based on the IEEE 802.1d draft standard between Local Area Network (LAN) segments. This memo is an extension to the SNMP MIB. [STANDARDS-TRACK]

1285  Case  Jan 92  FDDI Management Information Base

This memo defines a portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing devices which implement the FDDI. [STANDARDS-TRACK]

1284  Cook  Dec 91  Definitions of Managed Objects for the Ethernet-like Interface Types

This memo defines a portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing ethernet-like objects. [STANDARDS-TRACK]

1283  Rose  Dec 91  SNMP over OSI

This memo describes mappings from the SNMP onto both the COTS and the CLTS. This memo defines an Experimental Protocol for the Internet community. It does not specify an Internet Standard.

1282  Kantor  Dec 91  BSD Rlogin

This memo documents an existing protocol and common implementation that is extensively used on the Internet. This memo provides information for the Internet community. It does not specify an Internet standard.

1281  Pethia  Nov 91  Guidelines for the Secure Operation of the Internet

The purpose of this document is to provide a set of guidelines to aid in the secure operation of the Internet. This memo provides information for the Internet community. It does not specify an Internet standard.
This memo describes the state of standardization of protocols used in the Internet as determined by the Internet Activities Board (IAB). This memo provides information for the Internet community. It does not specify an Internet standard.

This RFC considers X.500 in relation to Internet and UK Domains. This memo defines an Experimental Protocol for the Internet community. It does not specify an Internet standard.

There are a number of environments where a simple string encoding of Presentation Address is desirable. This specification defines such a representation. This memo provides information for the Internet community. It does not specify an Internet standard.

This document defines a new network address format, and rules for using some existing network address formats. [STANDARDS-TRACK]

Some requirements on extensions to X.500 are described in the RFC[HK91b], in order to build an Internet Directory using X.500(1988). This document specifies a set of solutions to the problems raised. [STANDARDS-TRACK]
This RFC considers certain deficiencies of the 1988 X.500 standard, which need to be addressed before an effective open Internet Directory can be established using these protocols and services [CCI88]. This memo provides information for the Internet community. It does not specify an Internet standard.

This document suggests an X.500 Directory Schema, or Naming Architecture, for use in the COSINE and Internet X.500 pilots. [STANDARDS-TRACK]

This memo describes plans to carry out a longitudinal measurement study of changes in service-level reachability in the global TCP/IP Internet. This memo provides information for the Internet community. It does not specify an Internet standard.

This document provides background information for the "Internet Accounting Architecture". This memo provides information for the Internet community. It does not specify an Internet standard.

This memo defines a portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing remote network monitoring devices. [STANDARDS-TRACK]
1270  Kastenholz  Oct 91  SNMP Communications Services

This document discusses various issues to be considered when determining the underlying communications services to be used by an SNMP implementation. This memo provides information for the Internet community. It does not specify an Internet standard.

1269  Willis      Oct 91  Definitions of Managed Objects for the Border Gateway Protocol (Version 3)

This memo defines a portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing the Border Gateway Protocol. [STANDARDS-TRACK]

1268  Rekhter    Oct 91  Application of the Border Gateway Protocol in the Internet

This document describes the usage of the BGP in the Internet. [STANDARDS-TRACK]

1267  Lougheed   Oct 91  A Border Gateway Protocol 3 (BGP-3)

This memo, together with its companion document, "Application of the Border Gateway Protocol in the Internet", define an inter-autonomous system routing protocol for the Internet. [STANDARDS-TRACK]

1266  Rekhter    Oct 91  Experience with the BGP Protocol

The purpose of this memo is to document how the requirements for advancing a routing protocol to Draft Standard have been satisfied by Border Gateway Protocol (BGP). This memo provides information for the Internet community. It does not specify an Internet standard.

1265  Rekhter    Oct 91  BGP Protocol Analysis

This report summarizes the key feature of BGP, and analyzes the protocol with respect to scaling and performance. This memo provides information for the Internet community. It does not specify an Internet standard.
1264 Hinden Oct 91 Internet Engineering Task Force
Internet Routing Protocol Standardization Criteria

This informational RFC presents procedures for creating and documenting Internet standards on routing protocols. These procedures have been established by the Internet Activities Board (IAB) in consultation with the Internet Engineering Steering Group (IESG). This memo provides information for the Internet community. It does not specify an Internet standard.

1263 O’Malley Oct 91 TCP Extensions Considered Harmful

This RFC comments on recent proposals to extend TCP. It argues that the backward compatible extensions proposed in RFC’s 1072 and 1185 should not be pursued, and proposes an alternative way to evolve the Internet protocol suite. This memo provides information for the Internet community. It does not specify an Internet standard.

1262 IAB Oct 91 Guidelines for Internet Measurement Activities

This RFC represents IAB guidance for researchers considering measurement experiments on the Internet. This memo provides information for the Internet community. It does not specify an Internet standard.

1261 Williamson Sept 91 Transition of NIC Services

This memo outlines the transition of NIC Services. This memo provides information for the Internet community. It does not specify an Internet standard.

1260 Never issued.

1259 Kapor Sept 91 Building The Open Road:
The NREN As Test-Bed For The National Public Network

This memo discusses the background and importance of NREN. This memo provides information for the Internet community. It does not specify an Internet standard.
1258  Kantor    Sept 91    BSD Rlogin

The rlogin facility provides a remote-echoed, locally flow-controlled virtual terminal with proper flushing of output. This memo documents an existing protocol and common implementation that is extensively used on the Internet. This memo provides information for the Internet community. It does not specify an Internet standard.

1257  Partridge Sept 91 Isochronous Applications Do Not Require Jitter-Controlled Networks

This memo argues that jitter control is not required for networks to support isochronous applications. This memo provides information for the Internet community. It does not specify an Internet standard.

1256  Deering  Sept 91  ICMP Router Discovery Messages

This document specifies an extension of the Internet Control Message Protocol (ICMP) to enable hosts attached to multicast or broadcast networks to discover the IP addresses of their neighboring routers. [STANDARDS-TRACK]

1255  N.A.D.F. Sept 91 A Naming Scheme for c=US

This memo documents the NADF’s agreement as to how entries are named in the public portions of the North American Directory. This memo provides information for the Internet community. It does not specify an Internet standard.

1254  Mankin Aug 91 Gateway Congestion Control Survey

The purpose of this paper is to present a review of the congestion control approaches, as a way of encouraging new discussion and experimentation. Included in the survey are Source Quench, Random Drop, Congestion Indication (DEC Bit), and Fair Queueing.

1253  Baker Aug 91 OSPF Version 2 Management Information Base

This memo defines a portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing OSPF Version 2. [STANDARDS-TRACK]
This memo defines a portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing OSPF Version 2. [STANDARDS-TRACK]

This FYI RFC contains biographical information about members of the Internet Activities Board (IAB), the Internet Engineering Steering Group (IESG) of the Internet Engineering Task Force (IETF), and the the Internet Research Steering Group (IRSG) of the Internet Research Task Force (IRTF). This memo provides information for the Internet community. It does not specify an Internet standard. [FYI 9]

This memo describes the state of standardization of protocols used in the Internet as determined by the Internet Activities Board (IAB). This memo provides information for the Internet community. It does not specify an Internet standard.

This RFC defines a mechanism by which TCP/UDP based clients can access OSI Directory Service without the overhead of the ISO transport and presentation protocols required to implement full-blown DAP. This memo provides information for the Internet community. It does not specify any standard.

This memo defines an experimental portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP-based internets. In particular, it defines objects for managing OSPF Version 2. [STANDARDS-TRACK]

This memo documents version 2 of the OSPF protocol. OSPF is a link-state based routing protocol. [STANDARDS-TRACK]
1246  Moy    Jul 91  Experience with the OSPF protocol

This report documents experience with OSPF V2. This includes reports on
interoperability testing, field experience, simulations and the current
state of OSPF implementations. This memo provides information for the
Internet community. It does not specify any Internet standard.

1245  Moy    Jul 91  OSPF protocol analysis

This report attempts to summarize the key features of OSPF V2. It also
attempts to analyze how the protocol will perform and scale in the
Internet. This memo provides information for the Internet community. It
does not specify any Internet standard.

1244  Holbrook Jul 91  Site Security Handbook

This FYI RFC is a first attempt at providing Internet users guidance on
how to deal with security issues in the Internet. This FYI RFC provides
information for the Internet community. It does not specify an Internet
standard. [FYI 8]

1243  Waldbusser Jul 91  AppleTalk Management Information Base

This memo defines objects for managing AppleTalk objects for use with
the SNMP protocol. [STANDARDS-TRACK]

1242  Bradner Jul 91  Benchmarking Terminology for Network
       Interconnection Devices

This memo discusses and defines a number of terms that are used in
describing performance benchmarking tests and the results of such tests.
This memo provides information for the Internet community. It does not
specify an Internet standard.

1241  Woodburn Jul 91  A Scheme for an Internet Encapsulation
       Protocol: Version 1

This memo defines an Experimental Protocol for the Internet community.
It does not specify an Internet standard.
This document describes a protocol for running OSI Connectionless service on UDP. [STANDARDS-TRACK]

This memo specifically updates RFC 1229, RFC 1230, RFC 1231, RFC 1232 and RFC 1233 with new codes. [STANDARDS-TRACK]

This memo defines an experimental portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP-based internets. This is an Experimental Protocol for the Internet community. It does not specify an Internet standard.

This paper provides guidelines for allocating NSAPs in the Internet. [STANDARDS-TRACK]

This memo defines a standard way of converting IP addresses to CCITT X.121 addresses and is the recommended standard for use on the Internet, specifically for the Defense Data Network (DDN). This memo provides information for the Internet community. It does not specify an Internet standard.

This memo describes the Coherent File Distribution Protocol (CFDP). This is an Experimental Protocol for the Internet community. It does not specify an Internet standard.
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<tbody>
<tr>
<td>1234</td>
<td>Tunneling IPX Traffic through IP Networks</td>
<td>Provan</td>
<td>Jun 91</td>
<td>This memo describes a method of encapsulating IPX datagrams within UDP packets so that IPX traffic can travel across an IP internet. [STANDARDS-TRACK]</td>
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<tr>
<td>1233</td>
<td>Definitions of Managed Objects for the DS3 Interface Type</td>
<td>Cox</td>
<td>May 91</td>
<td>This memo defines objects for managing DS3 Interface objects for use with the SNMP protocol. [STANDARDS-TRACK]</td>
</tr>
<tr>
<td>1234</td>
<td>Definitions of Managed Objects for the DS1 Interface Type</td>
<td>Baker</td>
<td>May 91</td>
<td>This memo defines objects for managing DS1 Interface objects for use with the SNMP protocol. [STANDARDS-TRACK]</td>
</tr>
<tr>
<td>1231</td>
<td>IEEE 802.5 Token Ring MIB</td>
<td>McCloghrie</td>
<td>May 91</td>
<td>This memo defines an experimental portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP-based internets. In particular, this memo defines managed objects used for managing subnetworks which use the IEEE 802.5 Token Ring technology described in 802.5 Token Ring Access Method and Physical Layer Specifications, IEEE Standard 802.5-1989. [STANDARDS-TRACK]</td>
</tr>
<tr>
<td>1230</td>
<td>IEEE 802.4 Token Bus MIB</td>
<td>McCloghrie</td>
<td>May 91</td>
<td>This memo defines an experimental portion of the Management Information Base (MIB) for use with network management protocols in TCP/IP-based internets. In particular, this memo defines managed objects used for managing subnetworks which use the IEEE 802.4 Token Bus technology described in 802.4 Token-Passing Bus Access Method and Physical Layer Specifications, IEEE Standard 802.4. [STANDARDS-TRACK]</td>
</tr>
<tr>
<td>1229</td>
<td>Extensions to the Generic-Interface MIB</td>
<td>McCloghrie</td>
<td>May 91</td>
<td>This RFC contains definitions of managed objects used as experimental extensions to the generic interfaces structure of MIB-II. [STANDARDS-TRACK]</td>
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</table>
1228 Carpenter May 91 Simple Network Management Protocol Distributed Program Interface

This RFC describes a protocol that International Business Machines Corporation (IBM) has been implementing in most of its SNMP agents to allow dynamic extension of supported MIBs. This is an Experimental Protocol for the Internet community. It does not specify an Internet standard.

1227 Rose May 91 SNMP MUX Protocol and MIB

This memo suggests a mechanism by which a user process may associate itself with the local SNMP agent on a host, in order to implement portions of the MIB. This mechanism would be local to the host. This is an Experimental Protocol for the Internet community. It does not specify an Internet standard.

1226 Kantor May 91 Internet Protocol Encapsulation of AX.25 Frame

This memo describes a method for the encapsulation of AX.25 (the Amateur Packet-Radio Link-Layer Protocol) frames within IP packets. This technique is an Experimental Protocol for the Internet community. It does not specify an Internet standard.

1225 Rose May 91 Post Office Protocol - Version 3

This memo suggests a simple method for workstations to dynamically access mail from a mailbox server. [STANDARDS-TRACK]

1224 Steinberg May 91 Techniques for Managing Asynchronously Generated Alerts

This memo defines common mechanisms for managing asynchronously produced alerts in a manner consistent with current network management protocols. This memo specifies an Experimental Protocol for the Internet community. It does not specify an Internet standard.
1223 Halpern May 91 OSI CLNS and LLC1 Protocols on Network Systems HYPERchannel

The intent of this document is to provide a complete discussion of the protocols and techniques used to transmit OSI CLNS and LLC1 datagrams (and any associated higher level protocols) on Network Systems Corporation’s HYPERchannel equipment. This memo provides information for the Internet community. It does not specify an Internet standard.

1222 Braun May 91 Advancing the NSFNET Routing Architecture

This RFC suggests improvements in the NSFNET routing architecture to accommodate a more flexible interface to the Backbone clients. This memo provides information for the Internet community. It does not specify an Internet standard.

1221 Edmond Apr 91 Host Access Protocol (HAP) Specification - Version 2

This memo describes the Host Access Protocol implemented in the Terrestrial Wideband Network (TWBNET). This memo provides information for the Internet community. It does not specify an Internet standard.

1220 Baker Apr 91 Point-to-Point Protocol Extensions for Bridging

This document defines an extension of the Internet Point-to-Point Protocol (PPP) described in RFC 1171, targeting the use of Point-to-Point lines for Remote Bridging. [STANDARDS-TRACK]

1219 Tsuchiya Apr 91 On the Assignment of Subnet Numbers

This memo suggests a new procedure for assigning subnet numbers. Use of this assignment technique within a network would be a purely local matter, and would not effect other networks. This memo provides information for the Internet community. It does not specify an Internet standard.
1218  N.A.D.F.  Apr 91  A Naming Scheme for c=US

This RFC is a near-verbatim copy of a document, known as NADF-123, which has been produced by the North American Directory Forum (NADF). As a part of its charter, the NADF must reach agreement as to how entries are named in the public portions of the North American Directory. This memo provides information for the Internet community. It does not specify an Internet standard.

1217  Cerf  Apr 91  Memo from the Consortium for Slow Commotion Research (CSCR)

This RFC is in response to RFC 1216, "Gigabit Network Economics and Paradigm Shifts". This memo provides information for the Internet community. It does not specify an Internet standard.

1216  P.R.A.I.  Apr 91  Gigabit Network Economics and Paradigm Shifts

This memo proposes a new standard paradigm for the Internet Activities Board (IAB) standardization track. [STANDARDS-TRACK]

1215  Rose  Mar 91  A Convention for Defining Traps for use with the SNMP

This memo suggests a straight-forward approach towards defining traps used with the SNMP. This memo provides information for the Internet community. It does not specify any standard.

1214  Labarre  Apr 91  OSI Internet Management: Management Information Base

This RFC documents a MIB for use with CMIP, either over pure OSI stacks or with the CMIP over TCP specification. It redefines objects comprised by the second revision of the Management Information Base for Network Management of TCP/IP-based internets: MIB-II so as to conform to the OSI structure of management information. [STANDARDS-TRACK]

Kennedy  Informational  [Page 16]
1213 McCloghrie Mar 91 Management Information Base for Network Management of TCP/IP-based internets: MIB-II

This memo defines the second version of the Management Information Base (MIB-II) for use with network management protocols in TCP/IP-based internets. [STANDARDS-TRACK]

1212 Rose Mar 91 Concise MIB Definitions

This memo describes a straight-forward approach toward producing concise, yet descriptive, MIB modules. This memo defines a format for producing MIB modules. [STANDARDS-TRACK]

1211 Westine Mar 91 Problems with the Maintenance of Large Mailing Lists

This RFC discusses problems with maintaining large mailing lists, especially the processing of error reports. This memo provides information for the Internet community. It does not specify an Internet standard.

1210 Cerf Mar 91 Network and Infrastructure User Requirements for Transatlantic Research Collaboration

This report complements a shorter printed version which appeared in a summary report of all the committees which met in Brussels and Washington last July, 1990. This memo provides information for the Internet community. It does not specify an Internet standard.

1209 Piscitello Mar 91 The Transmission of IP Datagrams over the SMDS Service

This memo defines a protocol for the transmission of IP and ARP packets over a Switched Multi-megabit Data Service Network configured as a logical IP subnetwork. [STANDARDS-TRACK]
1208 Jacobsen Mar 91 A Glossary of Networking Terms

This RFC is a glossary adapted from "The INTEROP Pocket Glossary of Networking Terms" distributed at Interop '90. This memo provides information for the Internet community. It does not specify an Internet standard.

1207 Malkin Feb 91 FYI on Questions and Answers
Answers to Commonly asked "Experienced Internet User" Questions

This FYI RFC is one of two FYI’s called, "Questions and Answers" (Q/A), produced by the User Services Working Group of the Internet Engineering Task Force (IETF). The goal is to document the most commonly asked questions and answers in the Internet. This memo provides information for the Internet community. It does not specify any standard.

1206 Malkin Feb 91 FYI on Questions and Answers
Answers to Commonly asked "New Internet User" Questions

This FYI RFC is one of two FYI’s called, "Questions and Answers" (Q/A). The goal is to document the most commonly asked questions and answers in the Internet. This memo provides information for the Internet community. It does not specify any standard. [FYI 4]

1205 Chmielewski Feb 91 5250 Telnet Interface

This RFC is being distributed in order to document the interface to the IBM 5250 Telnet implementation. This memo provides information for the Internet community. It does not specify any standard.

1204 Yeh Feb 91 Message Posting Protocol (MPP)

This memo describes a protocol for posting messages from workstations (e.g., PCs) to a mail service host. This RFC specifies an Experimental Protocol for the Internet community. It does not specify any standard.
1203 Rice Feb 91 Interactive Mail Access Protocol - Version 3

This RFC suggests a method for workstations to access mail dynamically from a mailbox server ("repository"). The following document is a modified version of RFC 1064, the definition of the IMAP2 protocol. This RFC specifies an Experimental Protocol for the Internet community. It does not specify any standard.

1202 Rose Feb 91 Directory Assistance Service

This document defines a mechanism by which a user-interface may access a textual DAP-like interface over a TCP/IP connection. This is a local mechanism. This memo provides information for the Internet community. It does not specify any standard.

1201 Provan Feb 91 Transmitting IP Traffic over ARCNET Networks

This memo defines a protocol for the transmission of IP and ARP packets over the ARCnet Local Area Network. This memo specifies a method of encapsulating Internet Protocol (IP) and Address Resolution Protocol (ARP) datagrams for transmission across ARCNET using the "ARCNET Packet Header Definition Standard". [STANDARDS-TRACK]

1200 IAB Apr 91 IAB Official Protocol Standards

This memo describes the state of standardization of protocols used in the Internet as determined by the Internet Activities Board (IAB). An overview of the standards procedures is presented first, followed by discussions of the standardization process and the RFC document series, then the explanation of the terms is presented, the lists of protocols in each stage of standardization follows, and finally pointers to references and contacts for further information.
Security Considerations

Security issues are not discussed in this memo.

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