

Network Working Group
Request for Comments: 2199
Category: Informational

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ISI
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Request for Comments Summary

RFC Numbers 2100-2199

Status of This Memo

This RFC is a slightly annotated list of the 100 RFCs from RFC 2100 through RFCs 2199. 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.

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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].

RFC	Author	Date	Title
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2199	Ramos	Jan 98	Request for Comments Summary

This memo.

2198	Perkins	Sep 97	RTP Payload for Redundant Audio Data
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This document describes a payload format for use with the real-time transport protocol (RTP), version 2, for encoding redundant audio data. [STANDARDS-TRACK]

2197 Freed Sep 97 SMTP Service Extension
 for Command Pipelining

This memo defines an extension to the SMTP service whereby a server can indicate the extent of its ability to accept multiple commands in a single TCP send operation. [STANDARDS-TRACK]

2196 Fraser Sep 97 Site Security Handbook

This handbook is a guide to developing computer security policies and procedures for sites that have systems on the Internet. The purpose of this handbook is to provide practical guidance to administrators trying to secure their information and services. The subjects covered include policy content and formation, a broad range of technical system and network security topics, and security incident response. This memo provides information for the Internet community. It does not specify an Internet standard of any kind.

2195 Klensin Sep 97 IMAP/POP AUTHorize Extension for Simple
 Challenge/Response

This specification provides a simple challenge-response authentication protocol that is suitable for use with IMAP4. [STANDARDS TRACK]

2194 Aboba Sep 97 Review of Roaming Implementations

This document reviews the design and functionality of existing roaming implementations. Examples of cases where roaming capability might be required include ISP "confederations" and ISP-provided corporate network access support. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2193 Gahrns Sep 97 IMAP4 Mailbox Referrals

Mailbox referrals allow clients to seamlessly access mailboxes that are distributed across several IMAP4 servers. [STANDARDS-TRACK]

2192 Newman Sep 97 IMAP URL Scheme

This document defines a URL scheme for referencing objects on an IMAP server. [STANDARDS-TRACK]

2191 Armitage Sep 97 VENUS - Very Extensive Non-Unicast Service

This document focuses exclusively on the problems associated with extending the MARS model to cover multiple clusters or clusters spanning more than one subnet. It describes a hypothetical solution, dubbed "Very Extensive NonUnicast Service" (VENUS), and shows how complex such a service would be. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2190 Zhu Sep 97 RTP Payload Format for H.263 Video Streams

This document specifies the payload format for encapsulating an H.263 bitstream in the Real-Time Transport Protocol (RTP). [STANDARDS TRACK]

2189 Ballardie Sep 97 Core Based Trees (CBT version 2)
 Multicast Routing

This document describes the Core Based Tree (CBT version 2) network layer multicast routing protocol. CBT builds a shared multicast distribution tree per group, and is suited to inter- and intra-domain multicast routing. This memo defines an Experimental Protocol for the Internet community.

2188 Banan Sep 97 AT&T/Neda's Efficient Short Remote
 Operations (ESRO) Protocol
 Specification Version 1.2

This document specifies the service model, the notation and protocol for Efficient Short Remote Operations (ESRO). This memo provides information for the Internet community. It does not specify an Internet standard of any kind.

2187 Wessels Sep 97 Application of Internet Cache Protocol
 (ICP), version 2

This document describes the application of ICPv2 (Internet Cache Protocol version 2, RFC2186) to Web caching. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2186 Wessels Sep 97 Internet Cache Protocol (ICP), version 2

This document describes version 2 of the Internet Cache Protocol (ICPv2) as currently implemented in two World-Wide Web proxy cache packages. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2185 Callon Sep 97 Routing Aspects Of IPv6 Transition

This document gives an overview of the routing aspects of the IPv6 transition. It is based on the protocols defined in the document "Transition Mechanisms for IPv6 Hosts and Routers." Readers should be familiar with the transition mechanisms before reading this document. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2184 Freed Aug 97 MIME Parameter Value and Encoded Word
 Extensions:Character Sets, Languages,
 and Continuations

This memo defines extensions to the RFC 2045 media type and RFC 2183 disposition parameter value mechanisms. [STANDARDS-TRACK]

2183 Troost Aug 97 Communicating Presentation Information
 in Internet Messages: The Content-
 Disposition Header Field

This memo provides a mechanism whereby messages conforming to the MIME specifications [RFC 2045, RFC 2046, RFC 2047, RFC 2048, RFC 2049] can convey presentational information. It specifies the "Content-Disposition" header field, which is optional and valid for any MIME entity ("message" or "body part"). [STANDARDS-TRACK]

2182 Elz Jul 97 Selection and Operation of Secondary
 DNS Servers

This document discusses the selection of secondary servers for DNS zones. The number of servers appropriate for a zone is also discussed, and some general secondary server maintenance issues considered. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2181 Elz Jul 97 Clarifications to the DNS Specification

This document considers some areas that have been identified as problems with the specification of the Domain Name System, and proposes remedies for the defects identified. [STANDARDS TRACK]

2180 Gahrns Jul 97 IMAP4 Multi-Accessed Mailbox Practice

The behavior described in this document reflects the practice of some existing servers or behavior that the consensus of the IMAP mailing list has deemed to be reasonable. The behavior described within this document is believed to be [RFC-2060] compliant. However, this document is not meant to define IMAP4 compliance, nor is it an exhaustive list of valid IMAP4 behavior. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2179 Gwinn Jul 97 Network Security For Trade Shows

This document is designed to assist vendors and other participants in trade shows, such as Networld+Interop, in designing effective protection against network and system attacks by unauthorized individuals. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2178 Moy Jul 97 OSPF Version 2

This document considers some areas that have been identified as problems with the specification of the Domain Name System, and proposes remedies for the defects identified. [STANDARDS TRACK]

2177 Leiba Jun 97 IMAP4 IDLE command

This document specifies the syntax of an IDLE command, which will allow a client to tell the server that it's ready to accept such real-time updates. [STANDARDS-TRACK]

2176 Murakami Jun 97 IPv4 over MAPOS Version 1

This memo documents a mechanism for supporting Version 4 of the Internet Protocol (IPv4) on Version 1 of the Multiple Access Protocol over SONET/SDH. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2175 Murakami Jun 97 SONET/SDH with 16 Bit Addressing

This memo documents MAPOS 16, a multiple access protocol for transmission of network-protocol datagrams, encapsulated in HDLC frames with 16 bit addressing, over SONET/SDH. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2174 Murakami Jun 97 A MAPOS version 1 Extension -
Switch-Switch Protocol

This memo documents a MAPOS (Multiple Access Protocol over SONET/SDH) version 1 extension, Switch Switch Protocol which provides dynamic routing for unicast, broadcast, and multicast. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2173 Murakami Jun 97 A MAPOS version 1 Extension - Node
Switch Protocol

This document describes a MAPOS extension, Node Switch Protocol, for automatic node address assignment. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2172 Maruyama Jun 97 MAPOS Version 1 Assigned Numbers

This memo documents the parameters used in the Multiple Access Protocol over SONET/SDH Version 1. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2167 Williamson Jun 97 Referral Whois (RWhois) Protocol V1.5

This memo describes Version 1.5 of the client/server interaction of RWhois. RWhois provides a distributed system for the discovery, retrieval, and maintenance of directory information. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2166 Bryant Jun 97 APPN Implementer's Workshop
 Closed Pages Document

This document specifies a set of extensions to RFC 1795 designed to improve the scalability of DLSw clarifications to RFC 1795 in the light of the implementation experience to-date. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2165 Veizades Jun 97 Service Location Protocol

The Service Location Protocol provides a scalable framework for the discovery and selection of network services. Using this protocol, computers using the Internet no longer need so much static configuration of network services for network based applications. This is especially important as computers become more portable, and users less tolerant or able to fulfill the demands of network system administration.
[STANDARDS-TRACK]

2164 Kille Jan 98 Use of an X.500/LDAP directory to
 support MIXER address mapping

This specification defines how to represent and maintain these mappings (MIXER Conformant Global Address Mappings of MCGAMs) in an X.500 or LDAP directory. [STANDARDS-TRACK]

2163 Allocchio Jan 98 Using the Internet DNS to Distribute
 MIXER Conformant Global Address
 Mapping (MCGAM)

This memo is the complete technical specification to store in the Internet Domain Name System (DNS) the mapping information (MCGAM) needed by MIXER conformant e-mail gateways and other tools to map RFC822 domain names into X.400 O/R names and vice versa. [STANDARDS-TRACK]

2162 Allocchio Jan 98 MaXIM-11 - Mapping between X.400 /
 Internet mail and Mail-11 mail

The standard referred shortly into this document as "X.400" relates to the ISO/IEC 10021 - CCITT 1984, 1988 and 1992 X.400 Series Recommendations covering the Message Oriented Text Interchange Service (MOTIS). This document covers the Inter Personal Messaging System (IPMS) only. This memo defines an Experimental Protocol for the Internet community.

2161 Alvestrand Jan 98 A MIME Body Part for ODA

This document contains the definitions, originally contained in RFC 1495 and RFC 1341, on how to carry ODA in MIME, and how to translate it to its X.400 representation. This memo defines an Experimental Protocol for the Internet community.

2160 Alvestrand Jan 98 Carrying PostScript in X.400 and MIME

This document describes methods for carrying PostScript information in the two standard mail systems MIME and X.400, and the conversion between them. [STANDARDS-TRACK]

2159 Alvestrand Jan 98 A MIME Body Part for FAX

This document contains the definitions, originally contained in RFC 1494, on how to carry CCITT G3Fax in MIME, and how to translate it to its X.400 representation. [STANDARDS-TRACK]

2158 Alvestrand Jan 98 X.400 Image Body Parts

This document contains the body parts defined in RFC 1495 for carrying image formats that were originally defined in MIME through an X.400 system. [STANDARDS-TRACK]

2157 Alvestrand Jan 98 Mapping between X.400 and RFC-822/MIME
 Message Bodies

This document defines how to map body parts of X.400 messages into MIME entities and vice versa, including the handling of multipart messages and forwarded messages. [STANDARDS-TRACK]

2152 Goldsmith May 97 A Mail-Safe Transformation Format
 of Unicode

This document describes a transformation format of Unicode that contains only 7-bit ASCII octets and is intended to be readable by humans in the limiting case that the document consists of characters from the US-ASCII repertoire. It also specifies how this transformation format is used in the context of MIME and RFC 1641, "Using Unicode with MIME". This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2151 Kessler Jun 97 A Primer On Internet and TCP/IP Tools
 and Utilities

This memo is an introductory guide to many of the most commonly-available TCP/IP and Internet tools and utilities. It also describes discussion lists accessible from the Internet, ways to obtain Internet and TCP/IP documents, and some resources that help users weave their way through the Internet. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2150 Max Oct 97 Humanities and Arts: Sharing Center
 Stage on the Internet

The purpose of this document is to provide members of the Arts and Humanities communities with an introduction to the Internet as a valuable tool, resource, and medium for the creation, presentation, and preservation of Arts and Humanities-based content. This memo provides information for the Internet community. It does not specify an Internet standard of any kind.

2149 Talpade May 97 Multicast Server Architectures for
 MARS-based ATM multicasting

This memo provides details on the design and implementation of an MCS, building on the core mechanisms defined in RFC 2022. It also provides a mechanism for using multiple MCSs per group for providing fault tolerance. This approach can be used with RFC 2022 based MARS server and clients, without needing any change in their functionality. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

- 2148 Alvestrand Sep 97 Deployment of the Internet White Pages Service

This document describes the way in which the Internet White Pages Service is best exploited using today's experience, today's protocols, today's products and today's procedures. This document specifies an Internet Best Current Practices for the Internet Community, and requests discussion and suggestions for improvements.

- 2147 Borman May 97 TCP and UDP over IPv6 Jumbograms

IPv6 supports datagrams larger than 65535 bytes long, often referred to as jumbograms, through use of the Jumbo Payload hop-by-hop option. The UDP protocol has a 16-bit length field that keeps it from being able to make use of jumbograms, and though TCP does not have a length field, both the MSS option and the Urgent field are constrained by 16-bits. This document describes some simple changes that can be made to allow TCP and UDP to make use of IPv6 jumbograms. [STANDARDS-TRACK]

- 2146 FNC May 97 U.S. Government Internet Domain Names

This memo provides an update and clarification to RFC 1816. This document describes the registration policies for the top-level domain ".GOV". The purpose of the domain is to provide naming conventions that identify US Federal government agencies in order to facilitate access to their electronic resources. This memo provides guidance for registrations by Federal Agencies that avoids name duplication and facilitates responsiveness to the public. It restricts registrations to coincide with the approved structure of the US government and the advice of its Chief Information Officers. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

- 2145 Mogul May 97 Use and Interpretation of HTTP Version Numbers

HTTP request and response messages include an HTTP protocol version number. Some confusion exists concerning the proper use and interpretation of HTTP version numbers, and concerning interoperability of HTTP implementations of different protocol versions. This document is an attempt to clarify the situation. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2134 ISOC BOT Apr 97 ARTICLES OF INCORPORATION
 OF INTERNET SOCIETY

These are the articles of incorporation of the Internet Society. They are published for the information of the IETF community at the request of the poisson working group. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2133 Gilligan Apr 97 Basic Socket Interface Extensions
 for IPv6

This memo defines a set of extensions to the socket interface to support the larger address size and new features of IPv6. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2132 Alexander Mar 97 DHCP Options and BOOTP Vendor
 Extensions

This document specifies the current set of DHCP options. Future options will be specified in separate RFCs. The current list of valid options is also available in <ftp://ftp.isi.edu/in-notes/iana/assignments>.
[STANDARDS-TRACK]

2131 Droms Mar 97 Dynamic Host Configuration Protocol

The Dynamic Host Configuration Protocol (DHCP) provides a framework for passing configuration information to hosts on a TCPIP network. DHCP is based on the Bootstrap Protocol (BOOTP), adding the capability of automatic allocation of reusable network addresses and additional configuration options. [STANDARDS-TRACK]

2130 Weider Apr 97 The Report of the IAB Character Set
 Workshop held 29 February - 1 March,
 1996

This report details the conclusions of an IAB-sponsored invitational workshop held 29 February - 1 March, 1996, to discuss the use of character sets on the Internet. It motivates the need to have character set handling in Internet protocols which transmit text, provides a conceptual framework for specifying character sets, recommends the use of MIME tagging for transmitted text, recommends a default character set *without* stating that there is no need for other character sets, and

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| 2125 | Richards | Mar 97 | The PPP Bandwidth Allocation Protocol (BAP), The PPP Bandwidth Allocation Control Protocol (BACP) |
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This document proposes a method to manage the dynamic bandwidth allocation of implementations supporting the PPP multilink protocol. This is done by defining the Bandwidth Allocation Protocol (BAP), as well as its associated control protocol, the Bandwidth Allocation Control Protocol (BACP). [STANDARDS-TRACK]

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| 2124 | Amsden | Mar 97 | Cabletron's Light-weight Flow Admission Protocol Specification |
|------|--------|--------|--|

This document specifies the protocol between the switch Connection Control Entity (CCE) and the external FAS. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

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| 2123 | Brownlee | Mar 97 | Traffic Flow Measurement: Experiences with NeTraMet |
|------|----------|--------|---|

This memo records experiences in implementing and using the Traffic Flow Measurement Architecture and Meter MIB. It discusses the implementation of NeTraMet (a traffic meter) and NeMaC (a combined manager and meter reader), considers the writing of meter rule sets and gives some guidance on setting up a traffic flow measurement system using NeTraMet. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

- 2122 Mavrakis Mar 97 VEMMI URL Specification

A new URL scheme, "vemmi" is defined. VEMMI is a new international standard for on-line multimedia services, that is both an ITU-T (International Telecommunications Union, ex. CCITT) International Standard (T.107) and an European Standard (ETSI European Telecommunications Standard Institute) standard (ETS 300 382, obsoleted by ETS 300 709). [STANDARDS-TRACK]

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| 2121 | Armitage | Mar 97 | Issues affecting MARS Cluster Size |
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This document provides a qualitative look at the issues constraining a MARS Cluster's size, including the impact of VC limits in switches and NICs, geographical distribution of cluster members, and the use of VC

Mesh or MCS modes to support multicast groups. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2120 Chadwick Mar 97 Managing the X.500 Root Naming Context

This document describes the use of 1993 ISO X.500 Standard protocols for managing the root context. Whilst the ASN.1 is compatible with that of the X.500 Standard, the actual settings of the parameters are supplementary to that of the X.500 Standard. This memo defines an Experimental Protocol for the Internet community.

2119 Bradner Mar 97 Key words for use in RFCs to Indicate Requirement Levels

In many standards track documents several words are used to signify the requirements in the specification. These words are often capitalized. This document defines these words as they should be interpreted in IETF documents. This document specifies an Internet Best Current Practices for the Internet Community, and requests discussion and suggestions for improvements.

2118 Pall Mar 97 Microsoft Point-To-Point Compression (MPPC) Protocol

This document describes the use of the Microsoft Point to Point Compression protocol (also referred to as MPPC in this document) for compressing PPP encapsulated packets. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2117 Estrin Jun 97 Protocol Independent Multicast-Sparse Mode (PIM-SM): Protocol Specification

This document describes a protocol for efficiently routing to multicast groups that may span wide-area (and inter-domain) internets. This memo defines an Experimental Protocol for the Internet community.

2102 Ramanathan Feb 97 Multicast Support for Nimrod :
 Challenges and Solution Approaches

Nimrod does not specify a particular solution for multicasting. Rather, Nimrod may use any of a number of emerging multicast techniques. We identify the requirements that Nimrod has of a solution for multicast support. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2101 Carpenter Feb 97 IPv4 Address Behaviour Today

The main purpose of this note is to clarify the current interpretation of the 32-bit IP version 4 address space, whose significance has changed substantially since it was originally defined. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

2100 Ashworth Apr 97 The Naming of Hosts

This RFC is a commentary on the difficulty of deciding upon an acceptably distinctive hostname for one's computer, a problem which grows in direct proportion to the logarithmically increasing size of the Internet. This memo provides information for the Internet community. This memo does not specify an Internet standard of any kind.

Security Considerations

Security issues are not discussed in this memo.

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