                    Request for Comments Summary

                     RFC Numbers 1500 - 1599

Status of This Memo

   This RFC is a slightly annotated list of the 100 RFCs from RFC 1500
   through RFCs 1599. 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].

RFC   Author   Date   Title
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1599   Kennedy   Jan 96   Requests For Comments Summary

This memo.

1598   Simpson   Mar 94   PPP in X.25

The Point-to-Point Protocol (PPP) provides a standard method for
transporting multi-protocol datagrams over point-to-point links. This
document describes the use of X.25 for framing PPP encapsulated packets.
[STANDARDS-TRACK]

1597   Rekhter   Mar 94   Address Allocation for Private Internets

This RFC describes methods to preserve IP address space by not
allocating globally unique IP addresses to hosts private to an
enterprise while still permitting full network layer connectivity
between all hosts inside an enterprise as well as between all public
hosts of different enterprises. This memo provides information for the
Internet community. This memo does not specify an Internet standard of
any kind.

1296   Brown   Mar 94   Definitions of Managed Objects
                                 for Frame Relay Service

This memo defines an extension to the Management Information Base (MIB)
for use with network management protocols in TCP/IP-based internets. In
particular, it defines objects for managing the Frame Relay Service.
[STANDARDS-TRACK]

1295   Brown   Mar 94   Definitions of Managed Objects
                                 for the SONET/SDH Interface Type

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 Synchronous Optical
Network/Synchronous Digital Hierarchy (SONET/SDH) objects. This
document is a companion document with Definitions of Managed Objects for
the DS1/E1 and DS3/E3 Interface Types, RFC1406 and RFC1407. This memo
provides information for the Internet community. This memo does not
specify an Internet standard of any kind.

1594   Marine   Mar 94   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.
This memo does not specify an Internet standard of any kind. [FYI 4]

1593   McKenzie   Mar 94   SNA APPN Node MIB

This RFC describes IBM's SNMP support for SNA Advanced Peer-to-Peer
Networking (APPN) nodes. This memo provides information for the
Internet community. This memo does not specify an Internet standard of
any kind.

1592   Wijnen   Mar 94   Simple Network Management Protocol

This RFC describes version 2.0 of 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 memo defines
an Experimental Protocol for the Internet community. This memo does not
specify an Internet standard of any kind.

1591   Postel   Mar 94   Domain Name System Structure and
                                 Delegation

This memo provides some information on the structure of the names in the
Domain Name System (DNS), specifically the top-level domain names; and
on the administration of domains. This memo provides information for the
Internet community. This memo does not specify an Internet standard of
any kind.

1590   Postel   Mar 94   Media Type Registration Procedure

Several questions have been raised about the requirements and
administrative procedure for registering MIME content-type and subtypes,
and the use of these Media Types for other applications. This document
addresses these issues and specifies a procedure for the registration of
new Media Types (content-type/subtypes). It also generalizes the scope
of use of these Media Types to make it appropriate to use the same
registrations and specifications with other applications. This memo
provides information for the Internet community. This memo does not
specify an Internet standard of any kind.

1589   Mills   Mar 94   A Kernel Model for Precision Timekeeping

This memorandum describes an engineering model which implements a
precision time-of-day function for a generic operating system. The model
is based on the principles of disciplined oscillators and phase-lock
loops (PLL) often found in the engineering literature. This memo
provides information for the Internet community. This memo does not
specify an Internet standard of any kind.

1588   Postel   Feb 94   White Pages Meeting Report

This report describes the results of a meeting held at the November IETF
(Internet Engineering Task Force) in Houston, TX, on November 2, 1993,
to discuss the future of and approaches to a white pages directory
services for the Internet. This memo provides information for the
Internet community. This memo does not specify an Internet standard of
any kind.

1587   Coltun   Mar 94   The OSPF NSSA Option

This document describes a new optional type of OSPF area, somewhat
humorously referred to as a "not-so-stubby" area (or NSSA). NSSAs are
similar to the existing OSPF stub area configuration option but have the
additional capability of importing AS external routes in a limited
fashion. [STANDARDS-TRACK]

1586   deSouza   Mar 94   Guidelines for Running OSPF
                              Over Frame Relay Networks

This memo specifies guidelines for implementors and users of the Open
Shortest Path First (OSPF) routing protocol to bring about improvements
in how the protocol runs over frame relay networks. This memo provides
information for the Internet community. This memo does not specify an
Internet standard of any kind.

1585   Moy   Mar 94   MOSPF: Analysis and Experience

This memo documents how the MOSPF protocol satisfies the requirements
imposed on Internet routing protocols by "Internet Engineering Task
Force internet routing protocol standardization criteria" ([RFC 1264]).
This memo provides information for the Internet community. This memo
does not specify an Internet standard of any kind.

1584   Moy   Mar 94   Multicast Extensions to OSPF

This memo documents enhancements to the OSPF protocol enabling the
routing of IP multicast datagrams. [STANDARDS-TRACK]

1583   Moy   Mar 94   OSPF Version 2

This memo documents version 2 of the OSPF protocol. OSPF is a link-
state routing protocol. [STANDARDS-TRACK]

1582   Meyer   Feb 94   Extensions to RIP to Support
                               Demand Circuits

This memo defines a generalized modification which can be applied to
Bellman-Ford (or distance vector) algorithm information broadcasting
protocols. [STANDARDS-TRACK]

1581   Meyer   Feb 94   Protocol Analysis for Extensions to RIP
                               to Support Demand Circuits

As required by Routing Protocol Criteria, this report documents the key
features of Routing over Demand Circuits on Wide Area Networks - RIP and
the current implementation experience. This memo provides information
for the Internet community. This memo does not specify an Internet
standard of any kind.

1580   EARN   Mar 94   Guide to Network Resource Tools

The purpose of this guide is to supply the basic information that anyone
on the network needs to try out and begin using tools. This memo
provides information for the Internet community. This memo does not
specify an Internet standard of any kind. [FYI 23]

1579   Bellovin   Feb 94   Firewall-Friendly FTP

This memo describes a suggested change to the behavior of FTP client
programs. This document provides information for the Internet community.
This memo provides information for the Internet community. This memo
does not specify an Internet standard of any kind.

1578   Sellers   Feb 94   FYI on Questions and Answers
                               Answers to Commonly Asked "Primary and
                               Secondary School Internet User"
                               Questions

The goal of this FYI RFC is to document the questions most commonly
asked about the Internet by those in the primary and secondary school
community, and to provide pointers to sources which answer those
questions. This memo provides information for the Internet community.
This memo does not specify an Internet standard of any kind. [FYI 22]

1577   Laubach   Jan 94   Classical IP and ARP over ATM

This memo defines an initial application of classical IP and ARP in an
Asynchronous Transfer Mode (ATM) network environment configured as a
Logical IP Subnetwork (LIS). [STANDARDS-TRACK]

1576   Penner   Jan 94   TN3270 Current Practices

This document describes the existing implementation of transferring 3270
display terminal data using currently available telnet capabilities.
The name traditionally associated with this implementation is TN3270.
This memo provides information for the Internet community. This memo
provides information for the Internet community. This memo does not
specify an Internet standard of any kind.

1575   Hares   Feb 94   An Echo Function for CLNP (ISO 8473)

This memo defines an echo function for the connection-less network layer
protocol. The mechanism that is mandated here is in the final process
of being standardized by ISO as "Amendment X: Addition of an Echo
function to ISO 8473" an integral part of Version 2 of ISO 8473.
[STANDARDS-TRACK]

1574   Hares   Feb 94   Essential Tools for the OSI Internet

This document specifies the following three necessary tools to debug
problems in the deployment and maintenance of networks using ISO 8473
(CLNP): ping or OSI Echo function, traceroute function which uses the
OSI Echo function, and routing table dump function. This memo
provides information for the Internet community. This memo does not
specify an Internet standard of any kind.

1573   McCloghrie   Jan 94   Evolution of the Interfaces
                                Group of MIB-II

This memo defines a portion of the Management Information Base (MIB) for
use with network management protocols in the Internet community. In
particular, it describes managed objects used for managing Network
Interfaces. [STANARDS-TRACK]

1572   Alexander   Jan 94   Telnet Environment Option

This document specifies a mechanism for passing environment information
between a telnet client and server. Use of this mechanism enables a
telnet user to propagate configuration information to a remote host when
connecting. [STANDARDS-TRACK]

1571   Borman   Jan 94   Telnet Environment Option
                               Interoperability Issues

This document describes a method for allowing implementors to ensure
that their implementation of the Environment option will be
interoperable with as many other implementations as possible, by
providing a set of heuristics that can be used to help identify which
definitions for VAR and VALUE are being used by the other side of the
connection. This memo provides information for the Internet community.
This memo does not specify an Internet standard of any kind.

1570   Simpson   Jan 94   PPP LCP Extensions

The Point-to-Point Protocol (PPP) provides a standard method for
transporting multi-protocol datagrams over point-to-point links. PPP
defines an extensible Link Control Protocol (LCP) for establishing,
configuring, and testing the data-link connection. This document
defines several additional LCP features which have been suggested over
the past few years. [STANDARDS-TRACK]

1569   Rose   Jan 94   Principles of Operation for the TPC.INT
                               Subdomain: Radio Paging
                               -- Technical Procedures

This memo describes a technique for radio paging using the Internet mail
infrastructure. In particular, this memo focuses on the case in which
radio pagers are identified via the international telephone network.
This memo provides information for the Internet community. This memo
does not specify an Internet standard of any kind.

1568   Gwinn   Jan 94   Simple Network Paging Protocol
                               - Version 1(b)

This RFC suggests a simple way for delivering both alphanumeric and
numeric pages (one-way) to radio paging terminals. This memo provides
information for the Internet community. This memo does not specify an
Internet standard of any kind.

1567   Mansfield Jan 94   X.500 Directory Monitoring MIB

This document defines a portion of the Management Information Base
(MIB). It defines the MIB for monitoring Directory System Agents (DSA),
a component of the OSI Directory. This MIB will be used in conjunction
with the APPLICATION-MIB for monitoring DSAs. [STANDARDS-TRACK]

1566   Kille   Jan 94   Mail Monitoring MIB

This memo defines a portion of the Management Information Base (MIB) for
use with network management protocols in the Internet community. In
particular, this memo extends the basic Network Services Monitoring MIB
to allow monitoring of Message Transfer Agents (MTAs). It may also be
used to monitor MTA components within gateways. [STANDARDS-TRACK]

1565   Kille   Jan 94   Network Services Monitoring MIB

This document defines a MIB which contains the elements common to the
monitoring of any network service application. This information
includes a table of all monitorable network service applications, a
count of the associations (connections) to each application, and basic
information about the parameters and status of each application-related
association. [STANDARDS-TRACK]

1564   Barker   Jan 94   DSA Metrics (OSI-DS 34 (v3))

This document defines a set of criteria by which a DSA implementation
may be judged. Particular issues covered include conformance to
standards; performance; demonstrated interoperability. This memo
provides information for the Internet community. This memo does not
specify an Internet standard of any kind.

1563   Borenstein Jan 94   The text/enriched MIME Content-type

MIME [RFC-1341, RFC-1521] defines a format and general framework for the
representation of a wide variety of data types in Internet mail. This
document defines one particular type of MIME data, the text/enriched
type, a refinement of the "text/richtext" type defined in RFC 1341. The
text/enriched MIME type is intended to facilitate the wider
interoperation of simple enriched text across a wide variety of hardware
and software platforms. This memo provides information for the Internet
community. This memo does not specify an Internet standard of any kind.

1562   Michaelson   Dec 93   Naming Guidelines for the AARNet X.500
                              Directory Service

This document is an AARNet (Australian Academic and Research Network)
Engineering Note (AEN-001). AARNet Engineering Notes are engineering
documents of the AARNet Engineering Working Group, and record current or
proposed operational practices related to the provision of
Internetworking services within Australia, and AARNet in particular.
This memo provides information for the Internet community. This memo
does not specify an Internet standard of any kind.

1561   Piscitello   Dec 93   Use of ISO CLNP in TUBA Environments

This memo specifies a profile of the ISO/IEC 8473 Connectionless-mode
Network Layer Protocol for use in conjunction with RFC 1347, TCP/UDP
over Bigger Addresses. It describes the use of CLNP to provide the
lower-level service expected by Transmission Control Protocol and User
Datagram Protocol. This memo defines an Experimental Protocol for the
Internet community. This memo does not specify an Internet standard of
any kind.

1560   Leiner   Dec 93   The MultiProtocol Internet

There has recently been considerable discussion on two topics:
MultiProtocol approaches in the Internet and the selection of a next
generation Internet Protocol. This document suggests a strawman position
for goals and approaches for the IETF/IESG/IAB in these areas. It takes
the view that these two topics are related, and proposes directions for
the IETF/IESG/IAB to pursue. This memo provides information for the
Internet community. This memo does not specify an Internet standard of
any kind.

1559   Saperia   Dec 93   DECnet Phase IV MIB Extensions

This memo defines a set of DECnet Phase IV extensions that have been
created for the Internet MIB. It reflects changes which are the result
of operational experience based on RFC 1289. [STANDARDS-TRACK]

1558   Howes   Dec 93   A String Representation of LDAP
                              Search Filters

The Lightweight Directory Access Protocol (LDAP) defines a network
representation of a search filter transmitted to an LDAP server. Some
applications may find it useful to have a common way of representing
these search filters in a human-readable form. This document defines a
human-readable string format for representing LDAP search filters. This
memo provides information for the Internet community. This memo does
not specify an Internet standard of any kind.

1557   Choi   Dec 93   Korean Character Encoding for Internet
                              Messages

This document describes the encoding method being used to represent
Korean characters in both header and body part of the Internet mail
messages [RFC822]. This encoding method was specified in 1991, and has
since then been used. It has now widely being used in Korean IP
networks. This memo provides information for the Internet community.
This memo does not specify an Internet standard of any kind.

1556   Nussbacher Dec 93   Handling of Bi-directional Texts in MIME

This document describes the format and syntax of the "direction" keyword
to be used with bi-directional texts in MIME. This memo provides
information for the Internet community. This memo does not specify an
Internet standard of any kind.

1555   Nussbacher   Dec 93   Hebrew Character Encoding for Internet
                              Messages

This document describes the encoding used in electronic mail [RFC822]
for transferring Hebrew. The standard devised makes use of MIME
[RFC1521] and ISO-8859-8. This memo provides information for the
Internet community. This memo does not specify an Internet standard of
any kind.

1554   Ohta   Dec 93   ISO-2022-JP-2: Multilingual Extension
                                of ISO-2022-JP

This memo describes a text encoding scheme: "ISO-2022-JP-2", which is
used experimentally for electronic mail [RFC822] and network news
[RFC1036] messages in several Japanese networks. The encoding is a
multilingual extension of "ISO-2022-JP", the existing encoding for
Japanese [2022JP]. The encoding is supported by an Emacs based
multilingual text editor: MULE [MULE]. This memo provides information
for the Internet community. This memo does not specify an Internet
standard of any kind.

1553   Mathur   Dec 93   Compressing IPX Headers Over WAN Media (CIPX)

This document describes a method for compressing the headers of IPX
datagrams (CIPX). [STANDARDS-TRACK]

1552   Simpson   Dec 93   The PPP Internetwork Packet Exchange Control
                                Protocol (IPXCP)

This document defines the Network Control Protocol for establishing and
configuring the IPX protocol over PPP. [STANDARDS-TRACK]

1551   Allen   Dec 93   Novell IPX Over Various WAN Media (IPXWAN)

This document describes how Novell IPX operates over various WAN media.
Specifically, it describes the common "IPX WAN" protocol Novell uses to
exchange necessary router to router information prior to exchanging
standard IPX routing information and traffic over WAN datalinks. This
memo provides information for the Internet community. This memo does
not specify an Internet standard of any kind.

1550   Bradner   Dec 93   IP: Next Generation (IPng) White Paper
                                Solicitation

This memo solicits white papers on topics related to the IPng
requirements and selection criteria. This memo provides information for
the Internet community. This memo does not specify an Internet standard
of any kind.

1549   Simpson   Dec 93   PPP in HDLC Framing

This document describes the use of HDLC for framing PPP encapsulated
packets. [STANDARDS-TRACK]

1548   Simpson   Dec 93   The Point-to-Point Protocol (PPP)

This document defines the PPP organization and methodology, and the PPP
encapsulation, together with an extensible option negotiation mechanism
which is able to negotiate a rich assortment of configuration parameters
and provides additional management functions. [STANDARDS-TRACK]

1547   Perkins   Dec 93   Requirements for an Internet Standard
                                Point-to-Point Protocol

This document discusses the evaluation criteria for an Internet Standard
Data Link Layer protocol to be used with point-to-point links. This memo
provides information for the Internet community. This memo does not
specify an Internet standard of any kind.

1546   Partridge Nov 93   Host Anycasting Service

This RFC describes an internet anycasting service for IP. The primary
purpose of this memo is to establish the semantics of an anycasting
service within an IP internet. This memo provides information for the
Internet community. This memo does not specify an Internet standard of
any kind.

1545   Piscitello Nov 93   FTP Operation Over Big Address Records
                                (FOOBAR)

This RFC specifies a method for assigning long addresses in the HOST-
PORT specification for the data port to be used in establishing a data
connection for File Transfer Protocol, FTP (STD 9, RFC 959). This is a
general solution, applicable for all "next generation" IP alternatives,
and can also be extended to allow FTP operation over transport
interfaces other than TCP. This memo defines an Experimental Protocol
for the Internet community. This memo does not specify an Internet
standard of any kind.

1544   Rose   Nov 93   The Content-MD5 Header Field

This memo defines the use of an optional header field, Content-MD5,
which may be used as a message integrity check (MIC), to verify that the
decoded data are the same data that were initially sent. [STANDARDS-
TRACK]

1543   Postel   Oct 93   Instructions to RFC Authors

This Request for Comments (RFC) provides information about the
preparation of RFCs, and certain policies relating to the publication of
RFCs. This memo provides information for the Internet community. This
memo does not specify an Internet standard of any kind.

1542   Wimer   Oct 93   Clarifications and Extensions for the
                              Bootstrap Protocol

Some aspects of the BOOTP protocol were rather loosely defined in its
original specification. In particular, only a general description was
provided for the behavior of "BOOTP relay agents" (originally called
BOOTP forwarding agents"). The client behavior description also
suffered in certain ways. This memo attempts to clarify and strengthen
the specification in these areas. [STANDARDS-TRACK]

1541   Droms   Oct 93   Dynamic Host Configuration Protocol

The Dynamic Host Configuration Protocol (DHCP) provides a framework for
passing configuration information to hosts on a TCP/IP 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]

1540   IAB   Oct 93   Internet Official Protocol Standards

This memo describes the state of standardization of protocols used in
the Internet as determined by the Internet Activities Board (IAB).
[STANDARDS-TRACK]

1539   Malkin   Oct 93   A Guide for New Attendees of the Internet
                            Engineering Task Force

The purpose of this For Your Information (FYI) RFC is to explain to the
newcomers how the IETF works. This memo provides information for the
Internet community. It does not specify an Internet standard. [FYI 17]

1538   Behl   Oct 93   Advanced SNA/IP : A Simple SNA Transport
                            Protocol

This RFC provides information for the Internet community about a method
for establishing and maintaining SNA sessions over an IP internet. This
memo provides information for the Internet community. It does not
specify an Internet standard.

1537   Beertema Oct 93 Common DNS Data File Configuration Errors

This memo describes errors often found in DNS data files. It points out
common mistakes system administrators tend to make and why they often go
unnoticed for long periods of time. This memo provides information for
the Internet community. It does not specify an Internet standard.

1536   Kumar   Oct 93   Common DNS Implementation Errors and
                            Suggested Fixes

This memo describes common errors seen in DNS implementations and
suggests some fixes. This memo provides information for the Internet
community. It does not specify an Internet standard.

1535   Gavron   Oct 93   A Security Problem and Proposed Correction
                            With Widely Deployed DNS Software

This document discusses a flaw in some of the currently distributed name
resolver clients. The flaw exposes a security weakness related to the
search heuristic invoked by these same resolvers when users provide a
partial domain name, and which is easy to exploit. This document points
out the flaw, a case in point, and a solution. This memo provides
information for the Internet community. It does not specify an Internet
standard.

1534   Droms   Oct 93   Interoperation Between DHCP and BOOTP

DHCP provides a superset of the functions provided by BOOTP. This
document describes the interactions between DHCP and BOOTP network
participants. [STANDARDS-TRACK]

1533   Alexander Oct 93   DHCP Options and BOOTP Vendor Extensions

This document specifies the current set of DHCP options. [STANDARDS-
TRACK]

1532   Wimer   Oct 93   Clarifications and Extensions for the
                            Bootstrap Protocol

Some aspects of the BOOTP protocol were rather loosely defined in its
original specification. In particular, only a general description was
provided for the behavior of "BOOTP relay agents" (originally called
BOOTP forwarding agents"). The client behavior description also
suffered in certain ways. This memo attempts to clarify and strengthen
the specification in these areas. [STANDARDS-TRACK]

1531   Droms   Oct 93   Dynamic Host Configuration Protocol

The Dynamic Host Configuration Protocol (DHCP) provides a framework for
passing configuration information to hosts on a TCP/IP network.
[STANDARDS-TRACK]

1530   Malamud   Oct 93   Principles of Operation for the TPC.INT
                            Subdomain: General Principles and Policy

This document defines the initial principles of operation for the
tpc.int subdomain, a collection of service listings accessible over the
Internet infrastructure through an administered namespace contained
within the Domain Name System. This memo provides information for the
Internet community. It does not specify an Internet standard.

1529 Malamud   Oct 93   Principles of Operation for the TPC.INT
                         Subdomain: Remote Printing --
                         Administrative Policies

This document defines the administrative policies for the operation of
remote printer facilities within the context of the tpc.int subdomain.
The document describes different approaches to resource recovery for
remote printer server sites and includes discussions of issues
pertaining to auditing, security, and denial of access. This memo
provides information for the Internet community. It does not specify an
Internet standard.

1528 Malamud Oct 93   Principles of Operation for the TPC.INT
                        Subdomain: Remote Printing -- Technical
                        Procedures

This memo describes a technique for "remote printing" using the Internet
mail infrastructure. In particular, this memo focuses on the case in
which remote printers are connected to the international telephone
network. This memo defines an Experimental Protocol for the Internet
community. It does not specify an Internet standard.

1527   Cook   Sep 93   What Should We Plan Given the
                          Dilemma of the Network?

The Internet community needs to be asking what the most important policy
issues facing the network are. And given agreement on any particular
set of policy issues, the next thing we should be asking is, what would
be some of the political choices that would follow for Congress to make?
This memo is a shortened version of the suggested policy draft. This
memo provides information for the Internet community. It does not
specify an Internet standard.

1526   Piscitello   Sep 93 Assignment of System Identifiers for
                             TUBA/CLNP Hosts

This document describes conventions whereby the system identifier
portion of an RFC 1237 style NSAP address may be guaranteed uniqueness
within a routing domain for the purpose of autoconfiguration in
TUBA/CLNP internets. This memo provides information for the Internet
community. It does not specify an Internet standard.

1525   Decker   Sep 93   Definitions of Managed Objects for
                                 Source Routing 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 source routing and source
routing transparent bridges. These bridges are also required to
implement relevant groups in the Bridge MIB. [STANDARDS-TRACK]

1524   Borenstein   Sep 93   A User Agent Configuration Mechanism
                                 For Multimedia Mail Format Information

This memo suggests a file format to be used to inform multiple mail
reading user agent programs about the locally-installed facilities for
handling mail in various formats. This memo provides information for the
Internet community. It does not specify an Internet standard.

1523   Borenstein   Sep 93   The text/enriched MIME Content-type

MIME [RFC-1341, RFC-1521] defines a format and general framework for the
representation of a wide variety of data types in Internet mail. This
document defines one particular type of MIME data, the text/enriched
type, a refinement of the "text/richtext" type defined in RFC 1341. This
memo provides information for the Internet community. It does not
specify an Internet standard.

1522   Moore   Sep 93   MIME (Multipurpose Internet Mail
                                 Extensions) Part Two:
                                 Message Header Extensions for Non-ASCII
                                 Text

This memo describes an extension to the message format defined in RFC
1521, to allow the representation of character sets other than ASCII in
RFC 822 (STD 11) message headers. The extensions described were
designed to be highly compatible with existing Internet mail handling
software, and to be easily implemented in mail readers that support RFC
1521.

1521   Borenstein   Sep 93   MIME (Multipurpose Internet Mail
                                Extensions) Part One:
                                Mechanisms for Specifying and Describing
                                the Format of Internet Message Bodies

This document redefines the format of message bodies to allow multi-part
textual and non-textual message bodies to be represented and exchanged
without loss of information. This is based on earlier work documented
in RFC 934 and STD 11, RFC 1049, but extends and revises that work.
[STANDARDS-TRACK]

1520   Rekhter   Sep 93   Exchanging Routing Information Across
                                Provider Boundaries in the CIDR
                                Environment

The purpose of this document is twofold. First, it describes various
alternatives for exchanging inter-domain routing information across
domain boundaries, where one of the peering domain is CIDR-capable and
another is not. Second, it addresses the implications of running CIDR-
capable inter-domain routing protocols (e.g., BGP-4, IDRP) on intra-
domain routing. This memo provides information for the Internet
community. It does not specify an Internet standard.

1519   Fuller   Sep 93   Classless Inter-Domain Routing (CIDR):
                                an Address Assignment and Aggregation
                                Strategy

This memo discusses strategies for address assignment of the existing IP
address space with a view to conserve the address space and stem the
explosive growth of routing tables in default-route-free routers.
[STANDARDS-TRACK]

1518   Rekhter   Sep 93   An Architecture for IP Address
                                Allocation with CIDR

This paper provides an architecture and a plan for allocating IP
addresses in the Internet. This architecture and the plan are intended
to play an important role in steering the Internet towards the Address
Assignment and Aggregating Strategy. [STANDARDS-TRACK]

1517   IESG   Sep 93   Applicability Statement for the
                                Implementation of Classless
                                Inter-Domain Routing (CIDR)

Classless Inter-Domain Routing (CIDR) defines a mechanism to slow the
growth of routing tables and reduce the need to allocate new IP network
numbers. [STANDARDS-TRACK]

1516   McMaster   Sep 93   Definitions of Managed Objects
                                for IEEE 802.3 Repeater Devices

This memo defines a portion of the Management Information Base (MIB) for
use with network management protocols in the Internet community. In
particular, it defines objects for managing IEEE 802.3 10 Mb/second
baseband repeaters, sometimes referred to as "hubs." [STANDARDS-TRACK]

1515   McMaster   Sep 93   Definitions of Managed Objects
                                for IEEE 802.3 Medium Attachment Units
                                (MAUs)

This document 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 IEEE 802.3 Medium Attachment
Units (MAUs). [STANDARDS-TRACK]

1514   Grillo   Sep 93   Host Resources MIB

This memo defines a MIB for use with managing host systems. [STANDARDS-
TRACK]

1513   Waldbusser Sep 93   Token Ring Extensions to the Remote
                                Network Monitoring MIB

This memo defines extensions to the Remote Network Monitoring MIB for
managing 802.5 Token Ring networks. [STANDARDS-TRACK]

1512   Case   Sep 93   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 based on the ANSI FDDI SMT 7.3 draft standard, which has been
forwarded for publication by the X3T9.5 committee.

1511   Linn   Sep 93   Common Authentication Technology Overview

This memo provides information for the Internet community. It does not
specify an Internet standard.

1510   Kohl   Sep 93   The Kerberos Network Authentication Service
                             (V5)

This document gives an overview and specification of Version 5 of the
protocol for the Kerberos network authentication system. [STANDARDS-
TRACK]

1509   Wray   Sep 93   Generic Security Service API : C-bindings

This document specifies C language bindings for the Generic Security
Service Application Program Interface (GSS-API), which is described at a
language-independent conceptual level in other documents. [STANDARDS-
TRACK]

1508   Linn   Sep 93   Generic Security Service Application Program
                             Interface

This Generic Security Service Application Program Interface (GSS-API)
definition provides security services to callers in a generic fashion,
supportable with a range of underlying mechanisms and technologies and
hence allowing source-level portability of applications to different
environments. [STANDARDS-TRACK]

1507   Kaufman   Sep 93   DASS
                             Distributed Authentication Security Service

The goal of DASS is to provide authentication services in a distributed
environment which are both more secure and easier to use than existing
mechanisms. This memo defines an Experimental Protocol for the Internet
community. It does not specify an Internet standard.

1506   Houttuin   Sep 93   A Tutorial on Gatewaying between X.400 and
                             Internet Mail

This tutorial was produced especially to help new gateway managers find
their way into the complicated subject of mail gatewaying according to
RFC 1327. This memo provides information for the Internet community. It
does not specify an Internet standard.

1505   Costanzo   Aug 93   Encoding Header Field for Internet Messages

This document expands upon the elective experimental Encoding header
field which permits the mailing of multi-part, multi-structured
messages. It replaces RFC 1154. This memo defines an Experimental
Protocol for the Internet community. It does not specify an Internet
standard.

1504   Oppenheimer Aug 93   Appletalk Update-Based Routing Protocol:
                             Enhanced Appletalk Routing

This document provides detailed information about the AppleTalk Update-
based Routing Protocol (AURP) and wide area routing. AURP provides wide
area routing enhancements to the AppleTalk routing protocols and is
fully compatible with AppleTalk Phase 2. This memo provides information
for the Internet community. It does not specify an Internet standard.

1503   McCloghrie Aug 93   Algorithms for Automating Administration
                             in SNMPv2 Managers

When a user invokes an SNMPv2 management application, it may be
desirable for the user to specify the minimum amount of information
necessary to establish and maintain SNMPv2 communications. This memo
suggests an approach to achieve this goal. This memo provides
information for the Internet community. It does not specify an Internet
standard.

1502   Alvestrand Aug 93   X.400 Use of Extended Character Sets

This RFC defines a suggested method of using "GeneralText" in order to
harmonize as much as possible the usage of this body part. [STANDARDS-
TRACK]

1501   Brunsen   Aug 93   OS/2 User Group

Memo soliciting reactions to the proposal of a OS/2 User Group. This
memo provides information for the Internet community. This memo does
not specify an IAB standard of any kind.

1500   IAB   Aug 93   Internet Official Protocol Standards

This memo describes the state of standardization of protocols used in
the Internet as determined by the Internet Activities Board (IAB).
[STANDARDS-TRACK]

Security Considerations

    Security issues are not discussed in this memo.

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