

Requests For Comments Summary
Notes: 700-799

This RFC is a slightly annotated list of the 100 RFCs from RFC 700 through RFC 799. This is a kind of status report on these RFCs.

RFC	Author	Date	Title
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799	Mills	Sep 81	Internet Name Domains
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A suggestion that, as the internet grows, the space of host names cannot remain a flat space of globally unique names, and that a hierarchy of name domains be introduced; see also RFC 822.

798	Katz	Sep 81	Decoding Facsimile Data From the Rapicom 450
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A description of the encoding/decoding procedure for Rapicom450 facsimile machine.

797	Katz	Sep 81	Format for Bitmap Files
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The description of a simple file format for bitmap data.

796	Postel	Sep 81	Address Mappings
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A description of the way the addresses of a few actual networks are mapped into internet addresses.

795	Postel	Sep 81	Service Mappings
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A description of how the internet type of service is mapped into the actual service parameters of a few particular networks, and vice versa.

794	Cerf	Sep 81	Pre-Emption
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Discusses how pre-emption of TCP connection can be implemented. Replaces IEN 125.

793	Postel	Sep 81	Transmission Control Protocol
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The specification of TCP. Replaces RFCs 761 and 675.

- 792 Postel Sep 81 Internet Control Message Protocol
The specification of ICMP. Replaces RFCs 777 and 760.
- 791 Postel Sep 81 Internet Protocol
The specification of IP. Replaces RFC 760.
- 790 Postel Sep 81 Assigned Numbers
The list of numbers assigned for networks, protocols, etc. Replaces RFCs 776, 770, 762, 758, 755, 750, 739, 604.
- 789 Rosen Jul 81 Vulnerabilities of Network Control Protocols: An Example
A description of an outage in ARPANET service and the process of determining the cause; also, subtleties of designing network protocols.
- 788 Postel Nov 81 Simple Mail Transfer Protocol
An old version; see RFC 821.
- 787 Chapin July 81 Connectionless Data Transmission Survey/Tutorial
A discussion of datagram service. Intended for submission to international standards bodies.
- 786 Sluizer July 81 Mail Transfer Protocol: ISI TOPS20 MTP-NIMAIL Interface
The description of the way mail is passed between the MTP and the NIMAIL programs in ISI TOPS20. Outdated.
- 785 Sluizer July 81 Mail Transfer Protocol: ISI TOPS20 File Definitions
The description of the file format for passing mail to the MTP program from user mail programs in ISI TOPS20. Outdated.
- 784 Sluizer July 81 Mail Transfer Protocol: ISI TOPS20 Implementation
The description of the program structure for the MTP implementation in the ISI TOPS20. Outdated.

- 783 Sollins June 81 The TFTP Protocol Revision 2
The specification of TFTP. Replaces RFCs 768, 764 and IEN 133.
- 782 Nabelsky undated A Virtual Terminal Management Model
A description of the elements of a virtual terminal and the management of communications between them.
- 781 Su May 81 A Specification of the Internet Protocol IP Timestamp Option
The description of IP Timestamp option, now included in the IP specification (RFC 791).
- 780 Sluizer May 81 Mail Transfer Protocol
An outdated Mail protocol; see RFC 821.
- 779 Killian Apr 81 TELNET SEND-LOCATION Option
Definition of this Telnet option.
- 778 Mills 18 Apr 81 DCNet Internet Clock Service
Specifies a format and procedure for the exchange of messages to maintain synchronized clocks.
- 777 Postel Apr 81 Internet Control Message Protocol
An old version; see RFC 792.
- 776 Postel Jan 81 Assigned Numbers
An old version; see RFC 790.
- 775 Mankins Dec 80 Directory Oriented FTP Commands
The definition of additional FTP Commands related to directory management.
- 774 Postel Oct 80 Internet Protocol Handbook Table of Contents
An out-of-date table of contents for an Internet Protocol Handbook.

- 773 Cerf Oct 80 Comments on NCP/TCP Mail Service
Transition Strategy
- A discussion of issues in the transition from NCP to TCP, particularly
as related to MAIL Service.
- 772 Sluizer Sep 80 Mail Transfer Protocol
- An old version of a Mail Protocol; see RFC 821.
- 771 Cerf Sep 80 Mail Transition Plan
- A plan for supporting mail service in the transition from NCP to TCP;
see also RFC 801.
- 770 Postel Sep 80 Assigned Numbers
- An old version; see RFC 790.
- 769 Postel 26 Sep 80 Rapicom 450 Facsimile File Format
- The definition of the exchange format of the encoded facsimile data of
the Rapicom 450; see also RFC 798.
- 768 Postel 28 Aug 80 User Datagram Protocol
- The specification of the UDP.
- 767 Postel Aug 80 A Structured Format for Transmission
of Multi-Media Documents
- The definition of the format for the document of a multimedia message.
- 766 Postel Jul 80 Internet Protocol Handbook
- An out-of-date table of contents for the Internet Protocol Handbook.
- 765 Postel Jun 80 File Transfer Protocol
- The specification of FTP.
- 764 Postel Jun 80 Telnet Protocol Specification
- The specification of Telnet.
- 763 Abrams 7 May 80 Role Mailboxes
- A call for mailboxes with role names, such as "Management".

- 762 Postel Jan 80 Assigned Numbers
An old version; see RFC 790.
- 761 Postel Jan 80 DOD Standard Transmission Protocol
An old version; see RFC 793.
- 760 Postel Jan 80 DOD Standard Internet Protocol
An old version; see RFC 791.
- 759 Postel Aug 80 Internet Message Protocol
The definition of the protocol and format for the exchange of multimedia mail. Replaces RFC 753.
- 758 Postel Aug 79 Assigned Numbers
An old version; see RFC 790.
- 757 Deutsch 10 Sep 79 A Suggested Solution to the Naming, Addressing, and Delivery Problem for ARPANET Message Systems
Discusses several proposals for handing the name to address to route processing for computer mail. Favors a solution based on unique-ids and a data base, see also RFCs 759, 821 and 822.
- 756 Pickens Jul 79 The NIC Name server--A Datagram-Based Information Utility
Describes a Host Name to Address look up service.
- 755 Postel 3 May 79 Assigned Numbers
An old version; see RFC 790.
- 754 Postel 6 Apr 79 Out-of-Net Host Addresses for Mail
A discussion of options for addressing computer mail beyond the ARPANET.
- 753 Postel Mar 79 Internet Message Protocol
An old version; see RFC 759.

- 752 Crispin 3 Jan 79 A Universal Host Table
- Describes the host table used at MIT and Stanford. This has several extensions and generalizations from the NIC standard and the table used by most Tenex and TOPS20 hosts.
- 751 Lebling 10 Dec 78 Survey of FTP Mail and MLFL
- A survey of hosts' responses to probes of their FTP servers to see if servers (a) accept mail for unknown users and (b) support the MAIL and MLFL commands.
- 750 Postel 26 Sep 78 Assigned Numbers
- An old version; see RFC 790.
- 749 Greenberg 18 Sep 78 Telnet SUPDUP-OUTPUT Option
- Updates RFC 736; see also RFCs 734, 746 and 747.
- 748 Crispin 1 Apr 78 TELNET RANDOMLY-LOSE Option
- Defines this Telnet option (note the date of this memo).
- 747 Crispin 21 Mar 78 Recent Extensions to the SUPDUP Protocol
- An update to the SUPDUP protocol (RFC 734); see also RFCs 749, 746 and 736.
- 746 Stallman 17 Mar 78 The SUPDUP Graphics Extension
- An extension of SUPDUP for Graphics; see also RFCs 734, 736, 747 and 749.
- 745 Beeler 30 Mar 78 JANUS Interface Specifications
- The specification of a symmetrical 1822 style interface.
- 744 Sattley 8 Jan 78 MARS - A Message Archiving and Retrieval Service
- The description of a database service for computer mail messages, which operates via computer mail.
- 743 Harrenstien 30 Dec 77 FTP extension: XRSQ/XRCP
- An extension to FTP mail to allow more efficient transmission of computer mail. Now incorporated into SMTP; see RFC788.

- 742 Harrenstien 30 Dec 77 NAME/FINGER Protocol
Defines the Name or Finger Protocol which allows one to get "who is on" or "where is user x" information from another host.
- 741 Cohen 22 Nov 77 Specifications for the Network Voice Protocol NVP
Defines the protocol used in the ARPANET packet speech experiments.
- 740 Braden 22 Nov 77 NETRJS Protocol
Defines the protocol used for Remote Job Entry on the UCLA CCN IBM system; replaces RFCs 599 and 189.
- 739 Postel 11 Nov 77 Assigned Numbers
An old version; see RFC 790.
- 738 Harrenstien 31 Oct 77 Time Server
Defines the Time Server Protocol; see IEN 142 for the TCP and VDP versions.
- 737 Harrenstien 31 Oct 77 FTP Extension: XSEN
An extension to the Mail procedures. This function is incorporated in the SMTP; see also RFC 821.
- 736 Crispin 31 Oct 77 TELNET SUPDUP Option
Defines the procedure for negotiating to use the SUPDUP, protocol as a TELNET option; see also RFCs 734, 746, 747 and 749.
- 735 Crocker 3 Nov 77 Revised TELNET Byte Macro Option
Obsoletes 40306
Defines a Telnet option for assigning codes to stand for strings in Telnet connections. Replaces RFC 729.
- 734 Crispin 7 Oct 77 SUPDUP Protocol
Description of a terminal control protocol used at STANFORD and MIT; see also RFCs 736, 746-749.
- 733 Crocker 21 Nov 77 Standard for the Format of ARPA Network Text Messages
Specification of the format for the headers of computer mail. An old version; see RFC 822.

- 732 Day 12 Sep 77 TELNET Data Entry Terminal Option
The specification of a Telnet Option for the control of a data entry display terminal. Replaces RFC 731.
- 731 Day 27 Jun 77 TELNET Data Entry Terminal Option
An old version; see RFC 732.
- 730 Postel 20 May 77 Extensible Field Addressing
Discusses some ideas on addressing that come up in the context of changing from 8-bit to 24-bit network addresses.
- 729 Crocker 13 May 77 TELNET Byte Macro Option
An old version; see RFC 735.
- 728 Day 27 Apr 77 A Minor Pitfall in the Telnet Protocol
Warns of the possibility of an unexpected occurrence in Telnet resulting from the interaction between option subnegotiations and the telnet SYNCH operation.
- 727 Crispin 27 Apr 77 TELNET Logout Option
Defines a telnet option for causing a logout.
- 726 Postel 8 Mar 77 Remote Controlled Transmission and Echoing Telnet Option
Defines a Telnet option for controlling the transmission and echoing of data to smooth the response to use in high transmission delay environments; see also RFCs 719 and 718.
- 725 Day 1 Mar 77 An RJE Protocol for a Resource Sharing Network
Describes a possible Remote Job Entry protocol.
- 724 Crocker 12 May 77 Proposed Official Standard for the Format of ARPA Network Messages
An old version; see RFC 822.
- 722 Haverty 16 Sep 76 Thoughts on Interactions in Distributed Services
A discussion on the design of interactive distributed services and the kinds of primitive operations that are needed.

- 708 White 5 Jan 76 Elements of a Distributed Programming System
- A description of a Distributed programming system; see also RFC 707.
- 707 White 23 Dec 75 A High-Level Framework for Network-Based Resource Sharing
- A description of a programming environment for network-based programs; see also RFC 708.
- 706 Postel 8 Nov 75 On the Junk Mail Problem
- A short note pointing out that the ARPANET maybe subject to a "denial of service" attack by a misbehaving host.
- 705 Bryan 5 Nov 75 Front-End Protocol
- Describes a protocol used between a PDP-11 (the ARPANET front end) and a B6700 to support network communication.
- 704 Santos 15 Sep 75 IMP/Host and Host/IMP Protocol Change
- Describes the changes to the 1822 interface to eliminate the restriction of 63 IMPs.
- 703 Dodds 11 Jul 75 Survey of New-Protocol Telnet Servers
- A poll of Telnet servers to check implementation status and Telnet options. Updates RFCs 702, 701, 679 and 669.
- 702 Dodds 25 Sep 74 Survey of New-Protocol Telnet Servers
- An earlier poll of Telnet server implementation status; see also RFC's 703, 701, 679, and 669.
- 701 Dodds Aug 74 Survey of New-Protocol Telnet Servers
- An earlier poll of Telnet server implementation status; see also RFCs 703, 702, 679 and 669.
- 700 Mader Aug 74 A Protocol Experiment
- Describes a protocol based loosely on a very early version of TCP, used to send data to a printer server.

