Requests For Comments Summary
Notes: 600-699

This RFC is a slightly annotated list of the 100 RFCs from RFC 600 through RFC 699. This is a kind of status report on these RFCs.

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Postel & Vernon
A proposed solution to the problem of combined length of IMP and Host leaders; see also RFCs 696, 690 and 687.

691 Harvey 28 May 75 One More Try on the FTP

Slight revision of RFC 686, on the subject of print files; see also RFCs 640, 630, 542, 454, 448, 414, 385 and 354.

690 Postel 6 Jun 75 Comments on the proposed Host/IMP Protocol Changes

Comments on suggestions in RFC 687; see also RFCs 692 and 696.

689 Clements 23 May 75 TENEX NCP Finite State Machine for Connections

Describes the internal states of an NCP connection in the TENEX implementation.

688 Walden 4 Jun 75 Tentative Schedule for the New TELNET Implementation for the TIP

687 Walden 2 Jun 75 IMP/Host and Host/IMP Protocol Changes

Addressing hosts on more than 63 IMPs, and other backwards compatible expansions; see also RFCs 690 and 692.

686 Harvey 10 May 75 Leaving Well Enough Alone

Discusses difference between early and later versions of FTP; see also RFCs 691, 640, 630, 542, 454, 448, 414, 385 and 354.

685 Beeler 16 Apr 75 Response Time in Cross-network Debugging

The contribution of ARPANET communication to response time.

684 Schantz 15 Apr 75 A Commentary on Procedure Calling as a Network Protocol

Issues in designing distributed computing systems. Shortcomings of RFC 674; see also RFCs 542 and 354.

683 Clements 3 Apr 75 FTPSRV -- TENEX Extension for Paged Files

Defines an extension to FTP for page-mode transfers between TENEX systems; also discusses file transfer reliability.

682 Not Issued
681 Holmgren 14 May 75 Network Unix

Capabilities as an ARPANET Mini-Host: standard I/O, Telnet, NCP, Hardware/Software requirements, reliability, availability.

680 Myer 30 Apr 75 Message Transmission Protocol

Extends message field definition beyond RFC 561 attempts to establish syntactic and semantic standards for ARPANET; see also RFCs 733 and 822.

679 Dodds 21 Feb 75 February, 1975, Survey of New-Protocol Telnet Servers

An earlier poll of Telnet server implementation status. Updates RFCs 701, 702 and 669; see also RFC 703.

678 Postel 18 Dec 74 Standard File Formats

For transmission of documents across different environments.

677 Johnson 27 Jan 75 The Maintenance of Duplicate Databases

676 Not Issued

675 Cerf 16 Dec 74 Specification of Internet Transmission Control Program

The first detailed specification of TCP; see RFC 793.

674 Postel 12 DEC 74 Procedure Call Documents--Version 2

Host level protocol used in the NSW--a slightly constrained version of ARPANET Host-to-Host protocol, affecting allocation, RFNM wait, and retransmission; see also RFC 684.

673 Not Issued

672 Schantz 6 Dec 74 A Multi-Site Data Collection Facility

Applicability of TIP/TENEX protocols beyond TIP accounting.

671 Schantz 6 Dec 74 A Note on Reconnection Protocol

Experience with implementation in RSEXEC context.

670 Not Issued
669  Dodds  4 Dec 74  November 1974, Survey of New-Protocol Telnet Servers

An earlier poll of Telnet server implementation status. Updates RFC 702; see also RFCs 703 and 679.

668  Not Issued

667  Chipman  Dec 74  BBN Host Ports

Approved scheme to connect host ports to the network.

666  Padlipsky 26 Nov 74  Specification of the Unified User-Level Protocol

Discusses and proposes a common command language.

665  Not Issued

664  Not Issued

663  Kanodia  29 Nov 74  A Lost Message Detection and Recovery Protocol

Proposed extension of host-host protocol; see also RFCs 534, 516, 512, 492 and 467.

662  Kanodia  26 Nov 74  Performance Improvement in ARPANET File Transfers from Multics

Experimenting with host output buffers to improve throughput.

661  Postel  23 Nov 74  Protocol Information

An old version; see RFC 694.

660  Walden  23 Oct 74  Some Changes to the IMP and the IMP/Host Interface

Decoupling of message number sequences of hosts; host-host access control; message number window; messages outside normal mechanism; see also BBN 1822.

659  Postel  18 Oct 74  Announcing Additional Telnet Options

Options defined in RFCs 651-658.

658  Crocker  25 Oct 74  Telnet Output Line Feed Disposition
657     Crocker   25 Oct 74     Telnet Output Vertical Tab Disposition Option
656     Crocker   25 Oct 74     Telnet Output Vertical Tab Stops Option
655     Crocker   25 Oct 74     Telnet Output Form Feed Disposition Option
654     Crocker   25 Oct 74     Telnet Output Horizontal Tab Disposition Option
653     Crocker   25 Oct 74     Telnet Output Horizontal Tab Stops Option
652     Crocker   25 Oct 74     Telnet Output Carriage Return Disposition Option
651     Crocker   25 Oct 74     Revised Telnet Status Option
650     Not Issued
649     Not Issued
648     Not Issued
647     Padlipsky 12 Nov 74    A Proposed Protocol for Connecting Host Computers to ARPA-Like Networks via Front End Processors

Approaches to Front-End protocol processing using available hardware and software.

646     Not Issued
645     Crocker   26 Jun 74     Network Standard Data Specification Syntax

Providing a mechanism for specifying all attributes of a collection of bits; see also RFC 615.

644     Thomas   22 Jul 74     On The Problem of Signature Authentication for Network Mail
643     Mader     5 Jul 74      Network Debugging Protocol

To be used in an implementation of a PDP-11 network bootstrap device and a cross-network debugger.

642     Burchfiel 5 Jul 74     Ready Line Philosophy and Implementation

Postel & Vernon
RFC 699

November 1982

641     Not Issued

640     Postel     5 Jun 74     Revised FTP Reply Codes

Updates RFC 542.

639     Not Issued

638     McKenzie  25 Apr 74     IMP/TIP Preventive Maintenance Schedule

Corrects RFC 633.

637     McKenzie  23 Apr 74     Change of Network Address for SU-DSL

636     Burchfiel 10 Jun 74     TIP/TENEX Reliability Improvements

Obtaining/maintaining connections; recovery from lost connections;
connection-state changes.

635     Cerf      22 Apr 74     An Assessment of ARPANET Protocols

Theoretical and practical motivation for redesign. Multipacket
messages; host retransmission; duplicate detection; sequencing;
acknowledgement.

634     McKenzie  10 Apr 74     Change in Network Address for Haskins
Lab.

633     McKenzie  18 Mar 74     IMP/TIP Preventive Maintenance Schedule

An old version; see RFC 638.

632     Opderbeck 20 May 74     Throughput Degradations for Single
Packet Messages

631     Danthine  17 Apr 74     Call for Papers: International Meeting
on Minicomputers and Data Communication

630     Sussman   10 Apr 74     FTP Error Code Usage for More Reliable
Mail Service

Describes FTP reply-code usage in TENEX mail processing.

629     North     27 Mar 74     Scenario for Using the Network Journal

628     Keeney  27 Mar 74     Status of RFC Numbers and a Note on
Pre-assigned Journal Numbers
See also RFCs 606, 608, 623 and 625.

626  Kleinrock 14 Mar 74  On a possible Lockup Condition in Imp Subnet due to Message Sequencing
See also RFCs 606, 608, 623 and 627.

624  Krilanovich 28 Feb 74  Comments on the File Transfer Protocol Design changes and slight modifications. Replaces RFC 607; see also RFCs 614, 542 and 640.

623  Krilanovich 22 Feb 74  Comments on On-Line Host Name Service See also RFCs 627, 625, 608 and 606.

622  McKenzie 13 Mar 74  Scheduling IMP/TIP Down Time Modification of previous policy.

621  Kudlick 6 Mar 74  NIC User Directories at SRI-ARC See also RFCs 620 and 609.

620  Ferguson 1 Mar 74  Request for Monitor Host Table Updates In conjunction with moving NIC users to OFFICE-1; see also RFCs 621 and 609.

619  Naylor 7 Mar 74  Mean Round-Trip Times in the ARPANET Actual measurements of round-trip times.

618  Taft 19 Feb 74  A Few Observations on NCP Statistics Distribution of NCP and IMP message types by actual measurement.

617  Taft 19 Feb 74  A Note on Socket Number Assignment Danger of imposing more fixed socket number requirements; see also RFCs 542, 503 and 451.

616  Walden 11 Feb 74  Latest Network Maps

615  Crocker 1 Mar 74  Proposed Network Standard Data Pathname Syntax
614  Pogran  28 Jan 74  Response to RFC 607 (NIC-21255),
     "Comments on the FTP"
     See also RFCs 624, 542 and 640.
613  McKenzie  21 Jan 74  Network Connectivity: A Response to RFC603
611  Walden  14 Feb 74  Two Changes to the IMP/Host Protocol
     Expansion of Host-Going-Down and addition of Dead-Host-Status Message.
610  Winter  15 Dec 73  Further Datalanguage Design Concepts
     Preliminary results of the language design; a model for data languagea
     semantics; future considerations.
609  Ferguson  10 Jan 74  Statement of Upcoming Move of NIC/NLS
     Service
     See also RFCs 621 and 620.
608  Feinler  10 Jan 73  Host Names On-Line
     Response to RFC 606; see also RFCs 627, 625 and 623.
607  Krilanovich  7 Jan 73  NIC-21255 Comments on the File
     Transfer Protocol
     An old version; see RFC 624; see also RFCs 614, 542 and 640.
606  Deutsch  29 Dec 73  Host Names On-Line
     Resolving differences in hostname-address mappings; see also RFCs 627,
     625, 623 and 608.
605  Not Issued
604  Postel  26 Dec 73  Assigned Link Numbers
     Modifies official host-host protocol. Replaces RFC 377.
603  Burchfiel  31 Dec 73  Response to RFC 597: Host Status
     Questions about the ARPANET topology described in RFC 597.
602     Metcalfe  27 Dec 73      "The Stockings Were Hung by the Chimney With Care"

Susceptibility of ARPANET to security violations.

601     McKenzie  14 Dec 73      Traffic Statistics November 1973

600     Berggreen  26 Nov 73     Interfacing an Illinois Plasma Terminal to the ARPANET

Discusses some unusual interface issues for the Plato terminal.