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.

<table>
<thead>
<tr>
<th>RFC</th>
<th>Author</th>
<th>Date</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>699</td>
<td>Postel</td>
<td>10 Nov 82</td>
<td>Requests for Comments Summary</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Notes: 600-699</td>
</tr>
<tr>
<td>698</td>
<td>Tovar</td>
<td>23 Jul 75</td>
<td>Telnet Extended ASCII Option</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Describes an option to allow transmission of a special kind of extended ASCII used at the Stanford AI and MIT AI Labs.</td>
</tr>
<tr>
<td>697</td>
<td>Lieb</td>
<td>14 Jul 75</td>
<td>CWD Command of FTP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Discusses FTP login access to &quot;files only&quot; directories.</td>
</tr>
<tr>
<td>696</td>
<td>Cerf</td>
<td>17 Jul 75</td>
<td>Comments on the IMP/HOST and HOST/IMP Protocol Changes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Observations on current international standards recommendations from IFIP working group 6.1; see also RFCs 692, 690 687.</td>
</tr>
<tr>
<td>695</td>
<td>Krilanovich</td>
<td>5 Jul 75</td>
<td>Official Change in Host-Host Protocol</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Corrects ambiguity concerning the ERR command; changes NIC 8246 and NIC 7104.</td>
</tr>
<tr>
<td>694</td>
<td>Postel</td>
<td>18 Jun 75</td>
<td>Protocol Information</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>References to documents and contacts concerning the various protocols used in the ARPANET, as well as recent developments; updates RFC 661.</td>
</tr>
<tr>
<td>693</td>
<td>Not Issued</td>
<td></td>
<td></td>
</tr>
<tr>
<td>692</td>
<td>Wolfe</td>
<td>20 Jun 75</td>
<td>Comments on IMP/Host Protocol Changes</td>
</tr>
</tbody>
</table>

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

Postel & Vernon
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
RFC 699
November 1982

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

Postel & Vernon  [page 4]
<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>657</td>
<td>25 Oct 74</td>
<td>Crocker</td>
<td>Telnet Output Vertical Tab Disposition Option</td>
</tr>
<tr>
<td>656</td>
<td>25 Oct 74</td>
<td>Crocker</td>
<td>Telnet Output Vertical Tab Stops Option</td>
</tr>
<tr>
<td>655</td>
<td>25 Oct 74</td>
<td>Crocker</td>
<td>Telnet Output Form Feed Disposition Option</td>
</tr>
<tr>
<td>654</td>
<td>25 Oct 74</td>
<td>Crocker</td>
<td>Telnet Output Horizontal Tab Disposition Option</td>
</tr>
<tr>
<td>653</td>
<td>25 Oct 74</td>
<td>Crocker</td>
<td>Telnet Output Horizontal Tab Stops Option</td>
</tr>
<tr>
<td>652</td>
<td>25 Oct 74</td>
<td>Crocker</td>
<td>Telnet Output Carriage Return Disposition Option</td>
</tr>
<tr>
<td>651</td>
<td>25 Oct 74</td>
<td>Crocker</td>
<td>Revised Telnet Status Option</td>
</tr>
<tr>
<td>650</td>
<td>Not Issued</td>
<td></td>
<td></td>
</tr>
<tr>
<td>649</td>
<td>Not Issued</td>
<td></td>
<td></td>
</tr>
<tr>
<td>648</td>
<td>Not Issued</td>
<td></td>
<td></td>
</tr>
<tr>
<td>647</td>
<td>12 Nov 74</td>
<td>Padlipsky</td>
<td>A Proposed Protocol for Connecting Host Computers to ARPA-Like Networks via Front End Processors</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Approaches to Front-End protocol processing using available hardware and software.</td>
</tr>
<tr>
<td>646</td>
<td>Not Issued</td>
<td></td>
<td></td>
</tr>
<tr>
<td>645</td>
<td>26 Jun 74</td>
<td>Crocker</td>
<td>Network Standard Data Specification Syntax</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Providing a mechanism for specifying all attributes of a collection of bits; see also RFC 615.</td>
</tr>
<tr>
<td>644</td>
<td>22 Jul 74</td>
<td>Thomas</td>
<td>On The Problem of Signature Authentication for Network Mail</td>
</tr>
<tr>
<td>643</td>
<td>5 Jul 74</td>
<td>Mader</td>
<td>Network Debugging Protocol</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>To be used in an implementation of a PDP-11 network bootstrap device and a cross-network debugger.</td>
</tr>
<tr>
<td>642</td>
<td>5 Jul 74</td>
<td>Burchfiel</td>
<td>Ready Line Philosophy and Implementation</td>
</tr>
</tbody>
</table>
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
RFC 699                                                    November 1982

627     Feinler    25 Mar 74     ASCII Text File of Hostnames
         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

625     Feinler    7 Mar 74     On Line Hostnames Service
         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

Postel & Vernon                                                 [page 7]
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.
Susceptibility of ARPANET to security violations.

Discusses some unusual interface issues for the Plato terminal.