

SIC !

Задание на самостоятельную подготовку к контрольной работе:

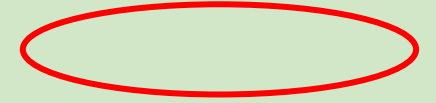
1. Изучить раздел 3.3. Protection or Abstinence в RFC 4041 “Requirements for ...in Routing Area Drafts”, 2005.
2. Изучить раздел 5.2. Crossing firewalls в RFC 2324, 1998.
3. Ознакомиться с разделами 3.0 – 4.0 Firewall Enhancement Protocol (FER), предложенного в RFC 3093, 2001.

Быть готовым к письменным ответам на вопросы, указанные в разделе RFC 1121, написанном V.Cerf.

ОТВЕТЫ:

Network Working Group
Request for Comments: 4041
Category: Informational

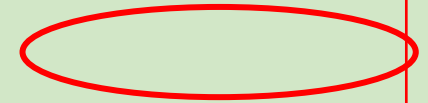
A. Farrel
Old Dog Consulting
1 April 2005



Requirements for Morality Sections in Routing Area Drafts

Network Working Group
Request for Comments: 2324
Category: Informational

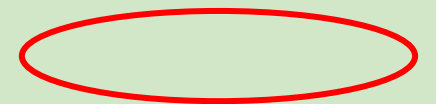
L. Masinter
1 April 1998



Hyper Text Coffee Pot Control Protocol (HTCPCP/1.0)

Network Working Group
Request for Comments: 2486
Category: Informational

M. Gaynor



Network Working Group
Request for Comments: 1121

J. Postel (ISI)
L. Kleinrock (UCLA)
V. Cerf (NRI)
B. Boehm (UCLA)
September 1989

Act One - The Poems

ROSENCRANTZ AND ETHERNET

by
Vint Cerf

All the world's a net! And all the data in it merely packets
come to store-and-forward in the queues a while and then are
heard no more. 'Tis a network waiting to be switched!

To switch or not to switch? That is the question. Whether
'tis wiser in the net to suffer the store and forward of
stochastic networks or to raise up circuits against a sea
of packets and, by dedication, serve them.

To net, to switch. To switch, perchance to slip!

Aye, there's the rub. For in that choice of switch,
what loops may lurk, when we have shuffled through
this Banyan net? Puzzles the will, initiates symposia,
stirs endless debate and gives rise to uncontrolled
flights of poetry beyond recompense!



Reactions to RFC 3514

A few years ago, I wrote [RFC 3514](#), an April 1 RFC. I received lots of email, and even a few phone calls. Here are some of the responses I got, unedited except for the senders' names. (You can read a press report of the reactions [here](#).)

One response was a bit worrisome...

Good day sir. Nice contribution for this April 1st.

But your jest, were there a reserved bit that actually could be used, could actually have merit to address a concern on the part of major content providers about internet redistribution of broadcasters' content.

So, you may see this again.... Happy April Fools Day.

One response was rather, umm, "interesting". I never knew that RFCs could inspire this sort of thought.

I was reading your info about the proposed RFC and my mind and fingers strayed to check out my own evil bit... I've just got my breath back. Shouldn't there be a health warning about playing with your own bits?

Some people implemented portions of it, or suggested extensions:

Not hard to implement the receiving end. The difficult part will be to make the API for the malicious content sufficiently easy that hackers will willingly, nay, joyfully implement it.

Here is the mailcap entry for 'mutt' to implement proper handling of the MIME type for both designated secure machines:

```
# RFC-3514-compliant MIME attachment handling - secure version
```

```
application/msword; true; \
```

```
    print=true; \
```

```
    notes=Entered 01 April 2003
```

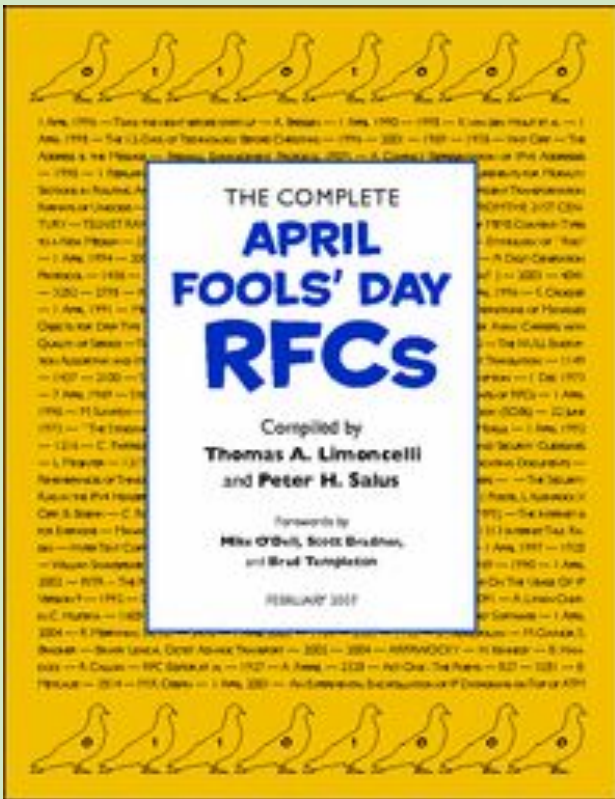
and completely insecure machines:

```
# RFC-3514-compliant MIME attachment handling - insecure version
```

```
application/msword; %s; \
```

```
    print=%s; \
```

```
    notes=Entered 01 April 2003
```



The Complete April Fools' Day Rfcs

Paperback – March 20, 2007

by [Thomas A. Limoncelli](#) (Author), [Peter H. Salus](#) (Author)

Thomas A. Limoncelli is an internationally recognized author and speaker on many topics including system administration, time management, and grass-roots organizing. A system administrator since 1988, he has worked for small and large companies including Google, Cibernet, Lumeta, AT&T, Lucent / Bell Labs. He has written three books: two editions of *The Practice of System and Network Administration* from Addison-Wesley (2001, 2007) and *Time Management for System Administrators* from O'Reilly (2005). He shared SAGE's Outstanding Achievement Award in 2005. He holds a B.A. in C.S. from Drew University, Madison, New Jersey, USA. His web site and blog is <http://www.EverythingSysadmin.com>.

Dr. Peter H. Salus talks too much and writes too much. He is a frequent speaker at computer events in the US, Canada, the UK, the Netherlands, Belgium, Russia, Australia, Finland, Denmark, Brazil, Chile, and the Czech Republic. He has appeared on the BBC, the Discovery Channel, PBS, PCTV, and the *Dr. Dobbs* webcast as computing and networking historian. Dr. Salus has written or edited over a dozen books, including [The ARPANET Sourcebook: The Unpublished Foundations of the Internet](#) (due June 2007), *A Quarter Century of UNIX*, *Casting the Net: From ARPANET to INTERNET and Beyond*, the four-volume *Handbook of Programming Languages*, and *The Big Book of IPv6 Addressing RFCs*.

Самые «свежие»

2015

M. Wilhelm (1 April 2015). [Scenic Routing for IPv6](#). [IETF](#). RFC 7511.

M. Luckie (1 April 2015). [Really Explicit Congestion Notification \(RECN\)](#). [IETF](#). RFC 7514.

2014

I. Nazar (1 April 2014). [The Hyper Text Coffee Pot Control Protocol for Tea Efflux Appliances \(HTCPCP-TEA\)](#). [IETF](#). RFC 7168. (see [Hyper Text Coffee Pot Control Protocol](#))

S. Turner (1 April 2014). [The NSA \(No Secrecy Afforded\) Certificate Extension](#). [IETF](#). RFC 7169.

2013

R. Barnes, S. Kent, E. Rescorla (1 April 2013). [Further Key Words for Use in RFCs to Indicate Requirement Levels](#). [IETF](#). RFC 6919.

R. Hinden (1 April 2013). [Design Considerations for Faster-Than-Light \(FTL\) Communication](#). [IETF](#). RFC 6921.

«Свежие»

RFC

2012

RFC 6593 - Service Undiscovery Using Hide-and-Go-Seek for the Domain Pseudonym System (DPS)

RFC 6592 - The Null Packet

2011

RFC 6217 - Regional Broadcast Using an Atmospheric Link Layer

RFC 6214 - Adaptation of RFC 1149 for IPv6

RFC 5984 - Increasing Throughput in IP Networks with ESP-Based Forwarding: ESPBasedForwarding

2010

RFC 5841 - TCP Option to Denote Packet Mood

2009

RFC 5514 - IPv6 over Social Networks

RFC 5513 - IANA Considerations for Three Letter Acronyms

2008

RFC 5242 - A Generalized Unified Character Code: Western Europea

RFC 5241 - Naming Rights in IETF Protocols

<u>RFC-4824</u>	The Transmission of IP Datagrams over the Semaphore Flag Signaling System (SFSS)
<u>RFC-4042</u>	UTF-9 and UTF-18 Efficient Transformation Formats of Unicode
<u>RFC-4041</u>	Requirements for Morality Sections in Routing Area Drafts
<u>RFC-3751</u>	Omniscience Protocol Requirements
<u>RFC-3514</u>	The Security Flag in the IPv4 Header
<u>RFC-3252</u>	Binary Lexical Octet Ad-hoc Transport
<u>RFC-3251</u>	Electricity over IP
<u>RFC-3093</u>	Firewall Enhancement Protocol (FEP)
<u>RFC-3092</u>	Etymology of "Foo"
<u>RFC-3091</u>	Pi Digit Generation Protocol
<u>RFC-2795</u>	The Infinite Monkey Protocol Suite (IMPS)
<u>RFC-2551</u>	The Roman Standards Process -- Revision III
<u>RFC-2550</u>	Y10K and Beyond
<u>RFC-2549</u>	IP over Avian Carriers with Quality of Service
<u>RFC-2325</u>	Definitions of Managed Objects for Drip-Type Heated Beverage Hardware Devices using SMIPv2
<u>RFC-2324</u>	Hyper Text Coffee Pot Control Protocol (HTCPCP/1.0)
<u>RFC-2323</u>	IETF Identification and Security Guidelines

<u>RFC-2322</u>	Management of IP numbers by peg-dhcp
<u>RFC-2321</u>	RITA -- The Reliable Internetwork Troubleshooting Agent
<u>RFC-2100</u>	The Naming of Hosts
<u>RFC-1927</u>	Suggested Additional MIME Types for Associating Documents
<u>RFC-1926</u>	An Experimental Encapsulation of IP Datagrams on Top of ATM
<u>RFC-1925</u>	The Twelve Networking Truths
<u>RFC-1924</u>	A Compact Representation of IPv6 Addresses
<u>RFC-1882</u>	The 12-Days of Technology Before Christmas
<u>RFC-1776</u>	The Address is the Message
<u>RFC-1607</u>	A VIEW FROM THE 21ST CENTURY
<u>RFC-1606</u>	A Historical Perspective On The Usage Of IP Version 9
<u>RFC-1605</u>	SONET to Sonnet Translation
<u>RFC-1438</u>	Internet Engineering Task Force Statements Of Boredom (SOBs)
<u>RFC-1437</u>	The Extension of MIME Content-Types to a New Medium
<u>RFC-1313</u>	Today's Programming for KRFC AM 1313 Internet Talk Radio
<u>RFC-1217</u>	Memo from the Consortium for Slow Commotion Research (CSCR)
<u>RFC-1216</u>	Gigabit network economics and paradigm shifts

[RFC-1149](#)^{exp} Standard for the transmission of IP datagrams on avian carriers (Updated by [RFC-2549](#))

[RFC-1121](#) *Act one - the poems*

[RFC-1097](#) Telnet subliminal-message option

[RFC-968](#) Twas the night before start-up

[RFC-748](#) Telnet randomly-lose option

[RFC-527](#) ARPAWOCKY

[RFC-439](#) PARRY encounters the DOCTOR





WE WERE FOOLED!
.. BUT .. YOU WON'T BE

A black and white graphic with the text "WE WERE FOOLED!" in a large, bold, sans-serif font. Below it, in a smaller font, is the text ".. BUT .. YOU WON'T BE ..". The word "FOOLED!" has a small cartoon character of a fool with a pointed hat and a large nose integrated into the letter "O".

Happy April Fools Day

The text "Happy April Fools Day" is written in a stylized font. "Happy" is in a cursive script, "April Fools" is in a bold, blocky font with a red and white checkered pattern, and "Day" is in a cursive script.



