

IETF@25 by the Numbers http://www.ietf.org/25years

Numbers as of 16 January 2011:

- RFCs: 4742
- RFC authors: 3612
- IETF meetings: 79
- Participants at IETF 1: 21
- Participants at IETF 79: 1207
- Total IETF meeting participants: 80,156

Mike Corrigan

First IETF Chair 16 January 1986

IETF 1 Participants Present at IETF 80

- Ross Callon
- Mike Corrigan
- Bob Hinden
- Mike St Johns
- Lixia Zhang

Proceedings of the 16-17 January 1986 DARPA Gateway Algorithms and Data Structures Task Force

Original

Prepared by: Phillip Gross

FIRST IETF

Gateway Algorithms Task Force

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4.4 Proposed Charter of the Internet Engineering Task Force (IETF)	1

Notes from 16 Jan 1986

Internet Engineering Agenda Spran > Dev/schedule => For protocols too. mplementor's Cont. > DOD Arch/ISO Arch. Stabilization Rationalization 5 New networks newPrictwork => op, network transition Physical Police 3 > TCP group * EGP group Nameserver = TP/ICP grang -= Ret State of Internet Measurement =)5+ Futurei Multicast Congest. Ctl. Int. L.A. Dynomic hetween internet regents: Stabilization of environm 2) Support for new regents/recearch > solves net Pinging Per network/per hest redirects * Submetting Network Time Pootocol >> IP addressing ed shanna x Host RFC PC Support => for impl For vesearch

in a host IP layer > Rauting ×Multi-homed hosts (hosts on multiple returnes) SPer host TOS Per TOS Net Per bito map Per vetwork Exit gotenay vonting Gratenny redirect ARP Hack => 1) not all gury 2) etternets only Issue : All A Every and impl. has to alo subrette any galeway Richly comerta

IETF 1 - The Agenda

- 1. Protocol Stabilization/Rationalization
 - TCP Group
 - EGP Group
 - Nameservers
 - Subnetting
 - Network Time Protocol
 - PC support
 - IP Addressing

IETF 1 - The Agenda

Future:

- Multicast
- Congest. Ctl.
- Int. L.A.
- T.O.S.

Dynamic between internet requirements: 1) Stabilization of Environment; 2) Support for new requirements/research

Still on the "To Do" List from IETF 1

- Protocol Stabilization/Rationalization
 IP Addressing IPv6 transition will addressing "silo"?
- 3. Protocol Police "Tarpitting"???
- 5. New Networks & New Experimental Network => Op. network transition Internet2? and what next?
- 5. State of Internet Measurement Lixia is still working on it

Multicast - Efficient and Secure?

Congestion Control - Do the assumptions of the Van Jacobsen solution remain valid?

T.O.S. - Can we support mobile and medical grade networks?

