IPng Status

Dallas IETF

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Ipsilon

APPROVED BY IESG

- Proposed Standard
  - Internet Protocol, Version 6 (IPv6) Specification
  - IP Version 6 Addressing Architecture
  - Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification
  - DNS Extensions to support IP version 6
- Informational
  - An Architecture for IPv6 Unicast Address Allocation
- Experimental
  - OSI NSAPs and IPv6

IESG CONSIDERING

- Proposed Standard
  - An IPv6 Provider-Based Unicast Address Format
  - Transition Mechanisms for IPv6 Hosts and Routers
- Experimental
  - IPv6 Testing Address Allocation

SUBMITTED TO IESG FOR IETF LAST CALL

- Proposed Standard
  - Neighbor Discovery for IP Version 6 (IPv6)
  - IPv6 Stateless Address Autoconfiguration
  - A Method for the Transmission of IPv6 Packets over Ethernet Networks

READY (ALMOST) FOR W.G. LAST CALL

- Proposed Standard
  - Path MTU Discovery for IP version 6
  - A Method for the Transmission of IPv6 Packets over FDDI Networks
  - A Method for the Transmission of IPv6 Packets over Token Ring Networks
  - Generic Packet Tunneling in IPv6 Specification
- Informational
  - IPv6 Program Interfaces for BSD Systems

COMING SOON

- Routing
  - OSPF for IPv6
  - RIPv2 for IPv6
  - ISIS for IPv6
  - IDRP for IPv6
  - Routing Aspects of IPv6 Transition
- Network Management
  - New Working Group
- IPv6 over Foo
  - PPP, ATM, HIPPI, AppleTalk, Header Compression
- Mobility
- DHCP for IPv6

MORE INFORMATION

- Web Pages URL
  http://playground.sun.com/pub/ipng/html/ipng-main.html
- Mailing List
  ipng@sunroof.eng.sun.com
- To Join Working Group Mailing List Send Message to:
  majordomo@sunroof.eng.sun.com
  with
  subscribe ipng
  in the body of the message.