

IETF IPv6 Activities Update

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ARIN XVI

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Multi6 WG

- <http://tools.ietf.org/wg/multi6/>
- WG all but done, waiting for RFC publication
- No activity since last ARIN meeting

shim6

- <http://tools.ietf.org/wg/shim6/>
- WG had interim meeting co-located with RIPE
- Set of updated drafts coming (for Vancouver IETF)
- Work is progressing, but still at fairly early stage
- BOF on multihoming at NANOG

IPv6 WG

- <http://tools.ietf.org/wg/shim6/>
- IESG approved four documents:
 - draft-ietf-ipv6-addr-arch-v4 (May, 2005)
 - draft-ietf-ipv6-host-load-sharing (June, 2005)
 - draft-ietf-ipv6-link-scoped-mcast (July, 2005)
 - draft-ietf-ipngwg-icmp-v3 (July, 2005)
- RFC's published:
 - RFC 4087 "IP Tunnel MIB" (June, 2005)
 - RFC 4113 "UDP MIB" (June, 2005)
 - RFC 4193 "Unique Local IPv6 Unicast Addresses" (Oct, 2005)

v6ops WG

- <http://tools.ietf.org/wg/v6ops/>
- IESG approved four documents
 - draft-ietf-v6ops-3gpp-analysis (Oct, 2005)
- RFC's published:
 - RFC 4057 "IPv6 Enterprise Network Scenarios" (June 2005)
 - RFC 4215 "Analysis on IPv6 Transition in 3GPP Networks" (Oct, 2005)
 - RFC 4213 "Basic Transition Mechanisms for IPv6 Hosts and Routers" (Oct, 2005)

Misc (non-WG)

- RFC 4159 "Deprecation of "ip6.int"" (August, 2005)
 - " ... DNS domain "ip6.int" deprecated as of Sept., 2005"
- Separate ARIN agenda item Thursday afternoon

Tunnel config (BOF)

- <http://bgp.nu/~dward/softwires/>
- Goal: set up automatic v6 tunnel to ISP/POP
- "tc" BOF in Minneaoplis
- "softwires" BOF in Paris
- pre-WG interim meeting in October
- IESG is considering forming WG

New/Proposed IPv6-related Work

- Mobile Nodes and Multiple Interfaces in IPv6 (monami) WG formed October, 2005
 - <http://tools.ietf.org/wg/monami6/>
- Ad-Hoc Network Autoconfiguration (autoconf) WG formed October, 2005.
 - <http://tools.ietf.org/wg/autoconf/>
- BOF at upcoming Vancouver meeting:
 - 16ng - IPv6 over IEEE 802.16(e) Networks BOF

Questions?