IETF Activities Update

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Shim6

- http://tools.ietf.org/wg/shim6/

- 3 Core docs are nearing completion in WG

- Will be advanced together as unit within IESG in a couple months

- Now would be good time to review them

- draft-ietf-shim6-hba-01.txt (IN AD Review)

- draft-ietf-shim6-proto (in WG LC now)

- draft-ietf-shim6-failure-detection (WG LC soon)

Shim6 (cont.)

- Held shim6 BOF at Nanog/Apricot

- Upcoming BOF: RIPE (in 2 weeks)

- Feedback so far:

    - Issue 1: End-System Complexity

    - Issue 2: DNS Latency

    - Issue 3: Inbound Traffic Engineering

    - Issue 4: IPv6 Routing and Addressing Architectures

- Details:

    - http:ww3.ietf.org/proceedings/06mar/slides/shim6-0.pdf

Shim6 (cont.)

- Extended Shim6 Design for ID/loc split and Traffic Engineering

- Exploring having third party (proxy/boarder router) do work:

    – draft-nordmark-shim6-esd-00.txt

    – draft-meyer-shim6-and-te-00.txt

    – all in very early stages

    – Feedback encouraged!

IPv6 WG

- http://tools.ietf.org/wg/shim6/

- Maintenance/wrap up mode

- No face-to-face meeting in Dallas (or future)

- 3 (revised RFC) documents almost finished:

  – draft-ietf-ipv6-2461bis

  – draft-ietf-ipv6-over-ppp-v2

  – draft-ietf-ipv6-privacy-addrs-v2

- Still trying to nail down DHC vs. stateless addrconf policy questions

  – draft-ietf-ipv6-ra-mo-flags

IPv6 WG (cont.)

- Under discussion (technically not WG doc yet)
  - draft-narten-ipv6-3177bis-48boundary-01.txt
- In RFC Editor queue (since last ARIN meeting)
  - draft-ietf-ipngwg-icmp-name-lookups

V6ops WG

- ## Active:

  – draft-ietf-v6ops-ent-analysis

  – draft-ietf-v6ops-icmpv6-filtering-bcp

  – draft-ietf-v6ops-ipsec-tunnels

- ## In IESG:

  – draft-ietf-v6ops-bb-deployment-scenarios

  – draft-ietf-v6ops-nap

  – draft-ietf-v6ops-natpt-to-exprmntl

  – draft-ietf-v6ops-security-overview

- ## RFC Editor queue (since last ARIN):

  – draft-ietf-v6ops-onlinkassumption

  – draft-ietf-v6ops-vlan-usag

Softwires WG

- Mission: The Softwires WG is specifying the standardization of discovery, control and encapsulation methods for connecting IPv4 networks across IPv6 networks and IPv6 networks across IPv4 networks.

- Had interim meeting prior to Dallas IETTF

- Moving along (relatively) quickly

- draft-ietf-softwire-problem-statement

BOFs

- Secure Inter-domain Routing BOF

- ARIN topic for this week

- http://tools.ietf.org/agenda/65/sidr.html

Questions?