BEHAVE Working Group

IETF 79 – Beijing
November 2010

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Note Well

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Logistics

- Note taker and jabber scribe?
- Meeting Materials (Slides, Agenda, etc.)
  - http://tools.ietf.org/wg/behave/agenda
- XMPP
  - behave@jabber.ietf.org
- Mailing List
  - behave@ietf.org
  - http://www.ietf.org/mailman/listinfo/behave
Agenda (1/2)

15:20  Note takers, agenda, existing milestones
      (Chairs, 10)

OPERATION REPORTS:
15:30  Results of NAT444 tests at CableLabs, Rogers,        (Chris Donley, 10)
      and Time Warner
      draft-donley-nat444-impacts-01

CURRENT WORK:
15:40  Analysis of IPv6 synthesis
      (Jouni Korhonen, 20)
      draft-korhonen-behave-nat64-learn-analysis-00
      milestone date: April 2011 ("avoiding NAT64 with dual-stack host
                                 for local networks")

16:00  Dual Stack Hosts Using "Bump-in-the-Host" (BIH) (Teemu Savolainen, 15)
      draft-ietf-behave-v4v6-bih-00
      milestone date: April 2011

16:15  NAT64 Load Balancing
      (Dacheng Zhang, 10)
      draft-zhang-behave-nat64-load-balancing-00
      milestone date: April 2011

16:25  Analysis of 64 Translation
      (Christian Jacquenet, 10)
      draft-penno-behave-64-analysis-04
      milestone date: February 2011
Agenda (2/2)

16:35  Large-Scale NAT Requirements  (Shin Miyakawa, 15)
draft-ietf-behave-lsn-requirements-00
milestone date: December 2010

POTENTIAL NEW WORK -- Large-Scale NAT port management/logging:
16:50  NAT port management  (Alain Durand / Tom Taylor, 15)
draft-cheng-behave-nat44-pre-allocated-ports-00
draft-tsou-behave-natx4-log-reduction-02
draft-durand-server-logging-recommendations-00

17:15  Extended IPv6 Addressing for Encoding Port Range  (Xing Li, 10)
draft-bcx-address-fmt-extension-00

17:25  end
Documents To Notice

• NAT Redundancy Requirements and Framework
  – draft-xu-behave-stateful-nat-standby-05
• Bibliography IPv4-IPv6 Transition and Coexistence
  – draft-jankiewicz-v6ops-v4v6biblio-03
• Multicast Proxy in IPv6/IPv4 Transition
  – draft-jiang-behave-v4v6mc-proxy-01
Document Status (1/2)

- RFC Editor Queue
  - turn-ipv6
  - turn-tcp
  - v6v4-framework
  - v6v4-xlate-stateful
  - v6v4-xlate
  - address-format (RFC 6052)

- IESG Evaluation::AD Followup
  - dns64

Completed in two years!
Document Status (2/2)

- Waiting for updates from authors
  - sctpnat

- Updated, and ready for IESG?
  - ftp64
Milestones

- FTP ALG: Oct 2010 (late)
- LSN Requirements: Dec 2010 (risky)
- Analysis of NAT-PT: Feb 2011 (risky)
- Avoiding NAT64: Apr 2011 (risky)
- SCTP NAT: Apr 2011 (Hello?)
- NAT64 load balancing: Apr 2011 (on track)
- BIH: Apr 2011 (on track)
Questions to the WG

• Interest in:
  – Multicast ?
  – MIBs ?