BEHAVE Working Group

IETF 79 – Beijing
November 2010

Chairs:
Dave Thaler, dthaler@microsoft.com
Dan Wing, dwing@cisco.com

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I E T F

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)

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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
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Agenda (2/2)

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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
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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)

  Completed in two years!

- IESG Evaluation::AD Followup
  - dns64

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 ?