BEHAVE Working Group

IETF 73 – Minneapolis
November 16-21, 2008

Session 1, Wednesday: 09:00-10:15
Session 2, Thursday: 09:00-11:30
Session 3, Friday: 13:00-15:15

Chairs:
Dave Thaler, dthaler@microsoft.com
Dan Wing, dwing@cisco.com
Session 1, Wednesday

WEDNESDAY, 09:00-10:15

9:00  Note takers, agenda, new charter, milestones (Chairs, 10)

9:10  TURN (Jonathan Rosenberg, 30)
draft-ietf-behave-turn

9:40  TURN-TCP (Jonathan Rosenberg, 20)
draft-ietf-behave-turn-tcp

10:00 SCTP (Michael Tuexen, 15)
draft-ietf-behave-sctpnat

10:15 end
Session 2, Thursday

9:00  Agenda, note takers                                      (Chairs, 5)

9:05  Framework                                                (Fred Baker, 25)
      draft-baker-behave-v4v6-framework

9:30  IP/ICMP Translation Algorithm                            (Fred Baker, 25)
      draft-baker-behave-v4v6-translation

9:55  NAT64                                                    (Marcelo Bagnulo, 25)
      draft-bagnulo-behave-nat64

10:20 DNS64                                                   (Marcelo Bagnulo, 20)
      draft-bagnulo-behave-dns64

10:40 Large Scale NATs, NAT444                                (Akira Nakagawa, 10)
      draft-nishitani-cgn
      draft-shirasaki-nat444-isp-shared-addr

10:50 Port Range                                              (Gabor Bajko, Randy Bush, Remi Despres,
      Pierre Levis, Olaf Maennel, Teemu Savolainen, 40)
      draft-ymbk-aplusp
      draft-bajko-v6ops-port-restricted-ipaddr-assign
      draft-boucadair-port-range
      draft-despres-sam
      draft-boucadair-dhc-port-range

11:30 end
Session 3, Friday

13:00 Agenda, note takers (Chair, 5)

13:05 UDP Path MTU Discovery using STUN (Marc Petit-Huguenin, 15)
draft-petithuguenin-behave-stun-pmtud

13:20 NAT security implications (Fernando Gont, 15)
draft-gont-behave-nat-security

13:35 NAT66 (Margaret Wasserman, 40)
draft-mrw-behave-nat66

14:15 Virtual IPv6 Connectivity for IPv4-only networks (Alain Durand or Christian Vogt, 25)
draft-vogt-durand-virtual-ip6-connectivity

14:40 IPv6 destination header option (Remi Denis-Courmont, 15)
draft-denis-behave-v4v6exthdr

14:55 On-demand privacy protection (Remi Despres, 10)
draft-despres-sam, section 3.6

15:05 end
Note Well

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Updated BEHAVE Charter

1. An IPv6 network to IPv4 Internet
2. IPv6 Internet to an IPv4 network
3. An IPv4 network to IPv6 Internet
4. IPv4 Internet to an IPv6 network

- January 2009 to set priority
- March 2009 to choose specific documents
Existing Milestones

• December 2008
  – SCTP (on track)
  – TURN (on track; date slipped)

• Mar 2009:
  – TURN-TCP
  – TURN-v6 (in WGLC)
Working Group Document Status

• IESG Processing:
  – behavior-discovery (details in a few slides)
  – stun-test-vectors
  – dccp
  – nat-icmp (wrapping up DISCUSS)

• WGLC:
  – TURN, TURN-v6

• To adopt as WG document:
  – draft-petithuguenin-behave-turn-uri-03
Changes based on comments received on WGLC from -04

- added new text on importance of source port selection and provided guidance for selecting source port
  - More changes in -06

- limited start rate of tests (10/second)
- added SRV entry and updated IANA registry
  - More changes in -06

- PADDING length set to first-hop MTU
- Numerous other clarifications
IETF Interim -- Malta

• Malta, January 20-22
• 2 days, BEHAVE + SOFTWIRE
• Show of hands for attendance, remote

# Port Range – Document Overview

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