BEHAVE Working Group

IETF 75 – Stockholm
July 26-31, 2009

Session 1, Monday: 09:00-11:30
Session 2, Tuesday: 09:00-11:30

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

Session 1, Monday

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

 9:10   Framework                                      (Fred Baker, 20)
        draft-ietf-behave-v6v4-framework-00

 9:30   Translation                                      (Xing Li, 20)
        draft-ietf-behave-v6v4-xlate-00

 9:50   Stateful Translation                 (Marcelo Bagnulo Braun, 20)
        draft-ietf-behave-v6v4-xlate-stateful-01

10:10   IPv6 Addressing of IPv6/IPv4 Translators         (Dave Thaler, 20)
        draft-thaler-behave-translator-addressing-00

10:30   Affect of IPv6 Prefix with Referrals              (Xing Li, 15)
        draft-bcx-behave-learn-address-00

10:45   Learning the IPv6 Prefixes of an IPv6/IPv4 Translator   (Dan Wing, 15)
        draft-wing-behave-learn-prefix-03

11:00   Translation in Host                               (Hui Deng, 15)
        draft-huang-pnat-host-ipv6-01 proposal

11:15   ICMPv6 Echo Replies for Teredo Clients      (Teemu Savolainen, 15)
        draft-denis-icmpv6-generation-for-teredo-00

11:30   end
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Session 2, Tuesday

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

 9:05   DNS64                                        (Marcelo Bagnulo Braun, 20)
        draft-ietf-behave-dns64-00

 9:25   DNS64 implementation report                      (Simon Perreault, 10)

 9:35   FTP64                                       (Iljitsch van Beijnum, 15)
        draft-van-beijnum-behave-ftp64-05

 9:55   Virtual IPv6 Connectivity for IPv4-Only Networks  (Christian Vogt, 15)
        draft-vogt-durand-virtual-ip6-connectivity-02

10:10   Multicast IPv6/IPv4 Translation Framework          (Stig Venaas, 20)
        draft-venaas-behave-v4v6mc-framework-00

10:30   Common Functions of Large Scale NAT (LSN)        (Shin Miyakawa, 15)
        draft-nishitani-cgn-02

10:45   Redundancy and Load Balancing for Stateful NAT       (Xiaohu Xu, 15)
        draft-xu-behave-stateful-nat-standby-00

11:00   BGP for load balancing NAT                          (Chen Gang, 5)
        draft-chen-behave-rsnat-01

11:05   Generic Referral Object (GRO)                    (Joel Halpern, 15)
        draft-carpenter-behave-referral-object-00

11:20   NAT Control Protocols Review                    (Wojciech Dec, 5)
        draft-brockners-nat-control-protocols-review-00

11:25   finished
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Note Well

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I E T F

Revised Charter

- Added two new Scenarios:
  - 5. An IPv6 network to an IPv4 network
  - 6. An IPv4 network to an IPv6 network

Existing Milestones

- December 2008
  - SCTP – has anyone reviewed?
  - TURN (on track; date slipped)

- Mar 2009:
  - TURN-TCP
  - TURN-v6
  - Create milestones for 6/4 translation scenarios

- Editor's queue:
  - NAT-ICMP

- IESG Processing:
  - Behavior-discovery, TURN

Documents ready for WGLC

- draft-ietf-behave-turn-uri-02
- draft-ietf-behave-turn-tcp-04
- draft-ietf-behave-sctpnat-01

New Milestone Dates

Done   Submit standards-track relay protocol
Done   Determine relative prioritization of the four translation cases.
Done   Determine what solutions(s) and components are needed to solve each
            of the four cases. Create new milestones for the solution(s) and the components

Jun 2009   Submit BCP document for SCTP NAT behavior
Jun 2009   Submit standard-track document of an IPv6 relay protocol to IESG
Jul 2009   Submit standards-track TURN-URI document

Sep 2009   Submit standards-track document for relaying of a TCP bytestream
Sep 2009   Submit informational for framework for IPv6/IPv4 translation document
Sep 2009   Submit standards-track stateless IPv6/IPv4 translation document
Sep 2009   Submit standards-track stateful IPv6/IPv4 translation document
Sep 2009   Submit standards-track DNS rewriting for IPv6/IPv4 translation document

Nov 2009   Submit standards-track FTP ALG for IPv6/IPv4 translation document
Nov 2009   Submit standards-track IPv6 prefix for IPv6/IPv4 translator document

Mar 2010   Submit BCP large scale NAT requirements document

Question: Are some of these too aggressive?