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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?join
- Mailing List
  - behave@ietf.org
  - http://www.ietf.org/mailman/listinfo/behave
Agenda

Thursday, Afternoon Session II 1520-1720, room: 3F Banquet

15:20  Note takers, agenda, existing milestones  (Chairs, 5)

NON-CHARTERED WORK ITEMS:
15:25  Logging NAT events  (Reinaldo Penno, 10)
   draft-sivakumar-behave-nat-logging

MILESTONE WORK ITEMS:
15:35  Carrier Grade NAT Requirements  (Simon Perreault, 10)
   draft-ietf-behave-1sn-requirements
   milestone: large scale NAT requirements (BCP), December 2010

15:45  NAT64 Discovery Heuristic  (Teemu Savolainen, 10)
   draft-ietf-behave-nat64-discovery-heuristic
   milestone: avoiding NAT64 with dual-stack host for local networks, April 2011

NON-CHARTERED WORK ITEMS:
15:55  NAT Behavioral Requirements Updates  (Reinaldo Penno, 15)
   draft-penno-behave-rfc4787-5382-5508-bis
Agenda

16:10 Deterministic Address Mapping to Reduce Logging  
   (Chris Donley, 10)  
   draft-donley-behave-deterministic-cgn

16:20 NAT444 and DS-Lite Impacts  
   (Chris Donley, 10)  
   draft-donley-nat444-impacts

16:30 NAT44/LSN Deployment Options and Experiences  
   (Victor Kuarsingh, 10)  
   draft-kuarsingh-lsn-deployment

16:40 Radius Extensions for CGN Configurations  
   (Dean Cheng & Jouni Korhonen, 10)  
   draft-cheng-behave-cgn-cfg-radius-ext

16:50 NAT MIB bis  
   (Simon Perreault, 10)  
   draft-perreault-opsawg-natmib-bis

17:00 IPv4 Address Sharing: problem, solutions, and test results  
   (Senthil Sivakumar, Mohamed Boucadair, Jaqueline Queiroz, 15)  
   draft-boucadair-intarea-nat-reveal-analysis  
   draft-abdo-hostid-tcpopt-implementation

17:15 finished

17:20 end
Document Status (1/2)

• Published:
  – ftp64

• Sent to IESG:
  – behave-64-analysis
  – behave-nat64-learn-analysis
  – v4v6-bih
Document Status (2/2)

- Waiting for updates from authors
  - sctpnat, waiting for ietf-tsvwg-natsupp

- WGLC
  - Isn-requirements (will need update)
BEHAVE Published RFCs

6/4 Translation

NAT64 Address Format (RFC6052)
NAT64 Framework (RFC6144)
NAT64 (RFC6145)
Stateful NAT64 (RFC6146)
DNS64 (RFC6147)
FTP64 ALG (RFC6384)
TURN IPv6 (RFC6156)
IPv6/IPv4

2006
UDP NAT behavior (RFC4787)
Multicast (RFC5135)
TCP NAT behavior (RFC5382)
STUN (RFC5389)
ICMP NAT behavior (RFC5508)
DCCP (RFC5597)
TURN (RFC5766)
NAT behavior discovery (RFC5780)
TURN-TCP (RFC6062)
IPv4/IPv4
Oct 2008
2011
IPv6/IPv4
## IPv6/IPv4 Translation Scenarios

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Stateful</th>
<th>Stateless</th>
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<tbody>
<tr>
<td>1. IPv6 Network ➔ IPv4 Internet</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>2. IPv4 Internet ➔ IPv6 Network</td>
<td>✔️</td>
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<tr>
<td>3. IPv6 Internet ➔ IPv4 Network</td>
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<tr>
<td>4. IPv4 Network ➔ IPv6 Internet</td>
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<td>❌ Not yet needed; no IPv6-only content</td>
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<tr>
<td>5. IPv6 Network ➔ IPv4 Network</td>
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<td>✔️</td>
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<tr>
<td>6. IPv4 Network ➔ IPv6 Network</td>
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