Internet Area
Working Group

Monday, July 26, 2009. 17:40 – 19:40
Auditorium 1
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Duration</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:40</td>
<td>Introduction and Administrativa Christian Vogt, Julien Laganier</td>
<td>10 min</td>
<td></td>
</tr>
<tr>
<td>17:50</td>
<td>Issues with IP Address Sharing draft-ietf-intarea-shared-addressing-issues-01 Mat Ford</td>
<td>20 min</td>
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<tr>
<td>18:10</td>
<td>Updated Specification of the IPv4 ID Field draft-ietf-intarea-ipv4-id-update-00 Joe Touch</td>
<td>30 min</td>
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<tr>
<td>18:40</td>
<td>Name-Based Sockets draft-ubillos-name-based-sockets-01 Javier Ubillos</td>
<td>20 min</td>
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<tr>
<td>19:00</td>
<td>IPv6 Multihoming without NAT draft-troan-multihoming-without-nat66-00 Dan Wing</td>
<td>20 min</td>
<td></td>
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<tr>
<td>19:20</td>
<td>Source Routing for Hosts with Multiple IP Addresses draft-handley-mptcp-routing-00 Marcelo Bagnulo</td>
<td>20 min</td>
<td>end at 19:40</td>
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</tbody>
</table>
• Much ethernet HW does > 1500 byte MTU
• Hard in practice: all systems on a subnet must have same MTU = set manually
• So: agree to larger MTU between pairs of nodes
• Advertise MTU in ND or ARP option, send test packets to make sure it works, keeps working
• Much simpler than earlier versions of the draft
• Hosts test to/from routers, less work for router
• Optimize away test packets where possible
• Ready to go for publication as experimental
Using CGAs for Secure Access Control

- **draft-dong-savi-cga-header-03.txt**
  - Specifies an IPv6 extension header to hold the CGA parameters associated with the source CGA
  - Can validate a packet was sent by the CGA owner
  - Enables **secure IPv6 address-based access control** and/or no-config transition to IPsec or other security mechanisms
  - Will be presented in saag on Thursday

- **Old-Fashioned Bar BOF Thursday PM**
  - In NH Maastricht Bar, 1930-2030
  - To discuss direction/next steps for CGA-based access control/security

- Discussion on **cgasec@ietf.org**