

Internet Area

Working Group

Monday, July 26, 2009. 17:40 – 19:40

Auditorium 1

Agenda

- | | | |
|--------------|--|------------------|
| 17:40 | Introduction and Administrative
Christian Vogt, Julien Laganier | 10 min |
| 17:50 | Issues with IP Address Sharing
draft-ietf-intarea-shared-addressing-issues-01
Mat Ford | 20 min |
| 18:10 | Updated Specification of the IPv4 ID Field
draft-ietf-intarea-ipv4-id-update-00
Joe Touch | 30 min |
| 18:40 | Name-Based Sockets
draft-ubillos-name-based-sockets-01
Javier Ubillos | 20 min
20 min |
| 19:00 | IPv6 Multihoming without NAT
draft-troan-multihoming-without-nat66-00
Dan Wing | 20 min |
| 19:20 | Source Routing for Hosts with Multiple IP Addresses
draft-handley-mptcp-routing-00
Marcelo Bagnulo | |
- end at 19:40**

draft-van-beijnum-multi-mtu-03

- 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**