Mobility for IP: Performance, Signaling and Handoff Optimization (MIPSHOP)

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Preliminaries

☐ Scribes

☐ Agenda

   - http://www3.ietf.org/proceedings/08jul/agenda/mipshop.txt

☐ Meeting Material

   - https://datatracker.ietf.org/meeting/72/materials.html
Agenda

Tuesday, July 29, 1520-1720

1. Agenda review, Blue sheets and volunteers for notes and Jabber .......................... 5 Mins
2. WG status and I-Ds update ......................................................................................... 10 Mins
3. MIH Discussion
   - draft-ietf-mipshop-mstp-solution-05 ................................................................. 40 Mins
   - draft-ietf-mipshop-mos-dhcp-options-03
   - draft-ietf-mipshop-mos-dns-discovery-01
4. Use of FMIPv6 Signaling between MAGs for PMIPv6 handover optimizations .......... 20 Mins
5. Use of Transient BCE for PMIPv6 handover optimizations ...................................... 20 Mins
6. AAA-based Handover key for FMIPv6 ..................................................................... 10 mins
7. Next Steps .................................................................................................................. 5 Mins
Working Group Status

- Four RFCs published since the WG last met
  - RFC 5268 – FMIPv6
  - RFC 5269 – SeND-based handover key for FMIPv6
  - RFC 5270 – FMIPv6 over IEEE 802.16e networks
  - RFC 5271 – FMIPv6 for 3G CDMA networks
Working Group Status

- **HMIPv6**
  - With the IESG currently, but expect to be approved soon
  - Changes made during IESG review sent to the mailing list

- **MSTP solution document**
  - Framework document that describes discovery of MIH servers and transport of MIH information
  - Issues about the integrated scenario raised during the AD review
Working Group Status

- DNS extensions for MIH server discovery
  - Completed WG last call
  - Comments received from the DNS directorate
  - Will be sent to the IESG after the comments are addressed

- DHCP extensions for MIH server discovery
  - WG last call soon
  - Open issue regarding the DHCP relay agent extension
Re-chartering – Current WG items

- MSTP framework document
- DHCP extensions for MIH server discovery
- DNS extensions for MIH server discovery
- AAA-based handover keys for FMIPv6
Re-chartering – New WG items

- PMIPv6 Handover Optimizations
- FMIPv6 Prefix Management for p2p links
- IP Tunneling Optimization
- Any mature proposal from the MOBOPTS IRTF group