

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

IETF 72, July 2008

Vijay Devarapalli (vijay@wichorus.com)

Stefano Faccin (smfaccin@marvell.com)

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 Discussin | |
| 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