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

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Preliminaries

- ☐ Scribes
- ☐ Agenda
  - ◼ http://www.ietf.org/proceedings/09mar/agenda/mipshop.txt
- ☐ Meeting Material
  - ◼ https://datatracker.ietf.org/meeting/74/materials.html

Agenda

Monday, March 23, 0900 - 1130

0. Agenda review, Blue sheets and volunteers
   for notes and Jabber   5 Mins
1. WG status and I-Ds update   15 Mins
2. Use of FMIPv6 signaling for PMIPv6 handover   20 Mins
   draft-ietf-mipshop-pfmipv6-03
3. Use of Transient BCE for PMIPv6 handover   20 Mins
   draft-ietf-mipshop-transient-bce-pmipv6-02
4. Prefix Management for FMIPv6 p2p Links   15 Mins
   draft-xia-mipshop-fmip-ptp-03
5. DHCP options for ANDSF   10 Mins
   draft-das-mipshop-andsf-dhcp-options-00

Working Group Status

- ☐ MSTP solution document
  - ■ Approved; in the RFC editor queue
- ☐ DNS extensions for MIH server discovery
  - ■ With the IESG currently
  - ■ AD Review raised an issue on the use of S-NAPTR vs NAPTR records
  - ■ Waiting for AD go-ahead
- ☐ DHCP extensions for MIH server discovery
  - ■ A number of DHC WG reviews received
    - ☐ Objections to the use of encoding format
    - ☐ Revised to have two separate DHCP options for the IP address and the FQDN
  - ■ Will be sent for IETF last call soon

Working Group Status

☐ Revision to FMIPv6

- RFC 5268 is being revised to use Mobility Header protocol for the HI and HACK messages
  - ☐ Existing document uses ICMPv6 messages
  - ☐ The use of ICMPv6 will be obsolete and IANA assignments released
- Folks who want to deploy FMIPv6 with PMIPv6 prefer mobility header protocol over ICMPv6
- WG last call on draft-ietf-mipshop-rfc5268bis soon

Working Group Status

- ☐ PMIPv6 Handover Optimizations
  - ■ Use of FMIPv6 for PMIPv6 handover optimization
    - ☐ draft-ietf-mipshop-pfmipv6
    - ☐ Needs more reviews
    - ☐ WG last call soon
  - ■ Use of Transient Binding cache entry
    - ☐ draft-ietf-mipshop-transient-bce-pmipv6
    - ☐ Needs more reviews

AAA-based Handover Keys for FMIPv6

- ☐ Will be dropped from the charter
- ☐ There isn't much interest in an IETF solution for the use of AAA-based infrastructure for FMIPv6 security
- ☐ Comments/concerns?

New Potential WG Items

- [ ] Prefix Management when FMIPv6 is used over p2p links
- [ ] DHCP options for ANDSF (Access Network Discovery and Selection Function) discovery