Mobility for IP: Performance, Signaling and Handoff Optimization (MIPSHOP)
IETF 69, July 2007

Chairs
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Preliminaries

- Scribes
- Agenda
  - http://www3.ietf.org/proceedings/07jul/agenda/mipshop.txt
- Meeting Material
  - https://datatracker.ietf.org/meeting/69/materials.html
Agenda

Tuesday, July 24, 1300-1500

1. Agenda Bashing 5 Mins
2. WG Status and I-D Update 10 Mins
3. Fast Handovers for Mobile IPv6 15 Mins
   - R.Koodli, draft-ietf-mipshop-fmipv6-rfc4068bis
4. Distributing a Symmetric FMIPv6 Handover Key using SEND 15 Mins
   - R.Koodli/J. Kempf, draft-ietf-mipshop-handover-key-00
5. Fast Handovers for PMIPv6 15 Mins
   - H.Yokota, draft-yokota-mipshop-pfmipv6-00.txt
6. FMIPv6 on Point-to-Point Links 10 Mins
   - F. Xia, draft-xia-mipshop-fmip-tp-01
Agenda

7. FMIPv6 over 802.16e links 10 Mins
   - H. Jang, draft-ietf-mipshop-fh80216e-02
8. MIH Design Team Update 20 Mins
   - T. Melia
9. MIH Transport Protocol Considerations 5 Mins
   - David Griffith
10. AAA-based handover keys for FMIPv6 10 Mins
    - V. Devarapalli
11. Next Steps 5 Mins
Working Group Status

- Enhanced Route Optimization based on CGA, CBA
  - Published as RFC 4866
- FMIPv6
  - draft-ietf-mipshop-fmipv6-rfc4068bis-02
  - Under WG last call currently
  - Has a normative dependency on the SeND-based handover keys specification
- HMIPv6
  - draft-ietf-mipshop-4140bis-00
  - Updated to reflect the use of IKEv2 between the MN and the MAP
  - WG last call after the IETF meeting
Working Group Status

- **FMIPv6 Security**
  - draft-ietf-mipshop-handover-key-00
    - An issue on the use of CGA key for encrypting the handover key
    - A proposal for a work-around
  - AAA-based handover keys
    - No document adopted yet

- **FMIPv6 over 3G CDMA network**
  - draft-ietf-mipshop-3ghf-03
  - An LS will be sent to 3GPP2 to figure out their interest in this draft

- **FMIPv6 over 802.16e networks**
  - draft-ietf-mipshop-fh80216e-02
  - Received reviews from 16ng WG
  - WG last call soon
Working Group Status

• MIH Problem Statement
  - draft-ietf-mipshop-mis-ps-02
  - Needs to be sent to the IESG for publication

• MIH Solution
  - Design Team very behind schedule
  - Change of editor
  - An update will be available this meeting
Next Steps
Next Steps

- WG last calls soon on
  - draft-ietf-mipshop-4140bis-00
  - draft-ietf-mipshop-fh80216e-02
- To be sent to the IESG for publication
  - draft-ietf-mipshop-mis-ps-02
  - draft-ietf-mipshop-fmipv6-rfc4068bis-02
- SeND-based handover keys draft
  - WG last call after the work-around solution is reviewed
Next Steps

• Solicit reviews on draft-ietf-mipshop-3gfh-02 and figure out 3GPP2 interest in this document
• Publish first version MIH solution document soon
• Resolve the situation on handover keys using AAA
• Figure out where the work on FMIPv6 extensions to PMIPv6 fits