# 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
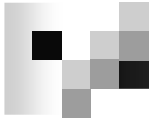
Agenda

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-ptp-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
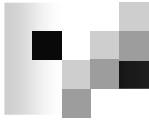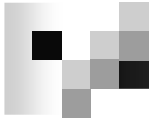
Working Group Status

- 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
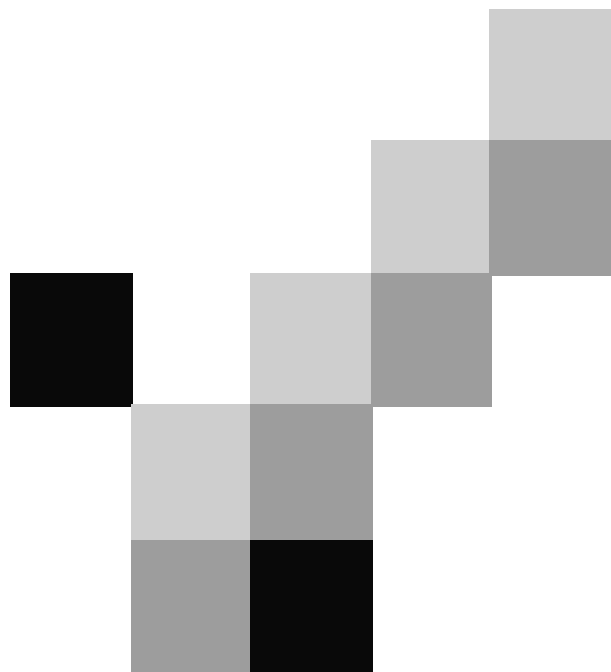   - WG last call after the IETF meeting
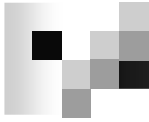
Working Group Status

- 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-3gfh-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
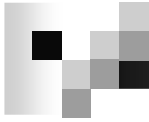 - WG last call soon

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

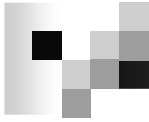 - An update will be available this meeting

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
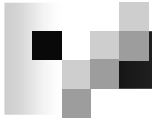
Next Steps

- 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