Mobility for IP: Performance, Signaling and Handoff Optimization (MIPSHOP)
IETF 68, Mar 2007

Chairs
Stefano Faccin (Smfaccin@marvell.com)
Vijay Devarapalli (vijay.devarapalli@azairenet.com)
Preliminaries

n Scribes

n Agenda
   a http://www3.ietf.org/proceedings/07mar/agenda/mipshop.txt

n Meeting Material
   a https://datatracker.ietf.org/public/meeting_materials.cgi?meeting_num=68
Agenda

Session I (Tuesday, March 20, 1300-1500)

1. Agenda Bashing 5 Mins
2. WG Status and I-D Update 15 Mins
3. Fast Handovers for Mobile IPv6 15 Mins
   - R.Koodli, draft-ietf-mipshop-fmipv6-rfc4068bis-01
4. Distributing a Symmetric FMIPv6 Handover Key using SEND 10 Mins
   - R.Koodli/J. Kempf, draft-ietf-mipshop-handover-key-00
5. Fast Handovers for 3G cdma networks 15 Mins
   - H.Yokota, draft-ietf-mipshop-3gfh-02
6. FMIPv6 on Point-to-Point Links 10 Mins
   - B. Sarikaya, draft-xia-mipshop-fmip-tp-00
Agenda

7. HMIPv6 Update 10 Mins
   - H. Soliman

8. Experiments with 802.21, NEMO and Monami6 15 Mins
   - K. Mitsuya

9. Handover Keys Using AAA 10 Mins
   - V. Narayanan, draft-vidya-mipshop-handover-keys-aaa-04
## Agenda

Session II (Thursday, March 22, 1510 -1610)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Agenda Bashing</td>
</tr>
<tr>
<td>2.</td>
<td>Design Team Update</td>
</tr>
<tr>
<td></td>
<td>• Robert Hancock</td>
</tr>
<tr>
<td>3.</td>
<td>PMIPv6 Route Optimization Protocol</td>
</tr>
<tr>
<td></td>
<td>• Alice Qin, draft-qin-mipshop-pmipro-00</td>
</tr>
<tr>
<td>4.</td>
<td>Next Steps</td>
</tr>
<tr>
<td></td>
<td>• Chairs</td>
</tr>
</tbody>
</table>
Working Group Status

- draft-ietf-mipshop-cga-cba-01.txt
  - In the RFC Editor queue

- FMIPv6
  - draft-ietf-mipshop-fmipv6-rfc4068bis-01.txt
  - WG last call after the IETF meeting

- HMIPv6
  - draft-ietf-mipshop-4140bis-00.txt
  - Missed submission deadline, very behind
Working Group Status

- **FMIPv6 Security**
  - A new WG document – draft-ietf-mipshop-handover-key-00.txt
    - Major issues brought up recently on the use of CGA key for encrypting the handover key
    - Needs a work around
  - draft-vidya-mipshop-handover-keys-aaa-04.txt
    - No decision made yet

- **FMIPv6 over 3G CDMA network**
  - draft-ietf-mipshop-3ghf-02.txt
  - Revised to bridge the gap between the draft and the current 3GPP2 situation
  - An LS will be sent to 3GPP2 to figure out their interest in this draft

- **FMIPv6 over 802.16e networks**
  - draft-ietf-mipshop-fh80216e-01.txt
  - No progress recently
Working Group Status

- MIH Problem Statement
  - draft-ietf-mipshop-mis-ps-00
  - WG last call ongoing

- MIH Solution
  - Design Team very behind schedule
  - An update will be available this meeting

- MIH Information Elements
  - Propose to remove this from the charter. There is no need for such a work item in the WG
Next Steps
Next Steps

- WG last calls soon on draft-ietf-mipshop-fmipv6-rfc4068bis-01.txt
  - Will rely on draft-ietf-mipshop-handover-key-00 as the security solution
- Solicit reviews on draft-ietf-mipshop-3gfh-01 and send a liaison to 3GPP2
- Send draft-ietf-mipshop-fh80216e-01 to 16ng WG for review
- Resolve the situation on handover keys using AAA
- MIH problem statement draft
  - Complete WG last call and send it to the IESG soon
- Publish first version MIH solution document before next IETF
- Milestones need to be revised