



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

IETF 68, Mar 2007

## **Chairs**

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# Preliminaries

n Scribes

n Agenda

⌘ <http://www3.ietf.org/proceedings/07mar/agenda/mipshop.txt>

n Meeting Material

⌘ [https://datatracker.ietf.org/public/meeting\\_materials.cgi?meeting\\_num=68](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-ptp-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)

1. Agenda Bashing 5 Mins
2. Design Team Update 40 Mins
  - Robert Hancock
3. PMIPv6 Route Optimization Protocol 10 Mins
  - Alice Qin, draft-qin-mipshop-pmipro-00
4. Next Steps 5 Mins
  - Chairs



# Working Group Status

- n draft-ietf-mipshop-cga-cba-01.txt
  - ⌘ In the RFC Editor queue
- n FMIPv6
  - ⌘ draft-ietf-mipshop-fmipv6-rfc4068bis-01.txt
  - ⌘ WG last call after the IETF meeting
- n HMIPv6
  - ⌘ draft-ietf-mipshop-4140bis-00.txt
  - ⌘ Missed submission deadline, very behind



# Working Group Status

- n FMIPv6 Security
  - ⌘ A new WG document – draft-ietf-mipshop-handover-key-00.txt
    - n Major issues brought up recently on the use of CGA key for encrypting the handover key
    - n Needs a work around
  - ⌘ draft-vidya-mipshop-handover-keys-aaa-04.txt
    - n No decision made yet
- n FMIPv6 over 3G CDMA network
  - ⌘ draft-ietf-mipshop-3gfh-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
- n FMIPv6 over 802.16e networks
  - ⌘ draft-ietf-mipshop-fh80216e-01.txt
  - ⌘ No progress recently



# Working Group Status

## n MIH Problem Statement

- ✘ draft-ietf-mipshop-mis-ps-00
- ✘ WG last call ongoing

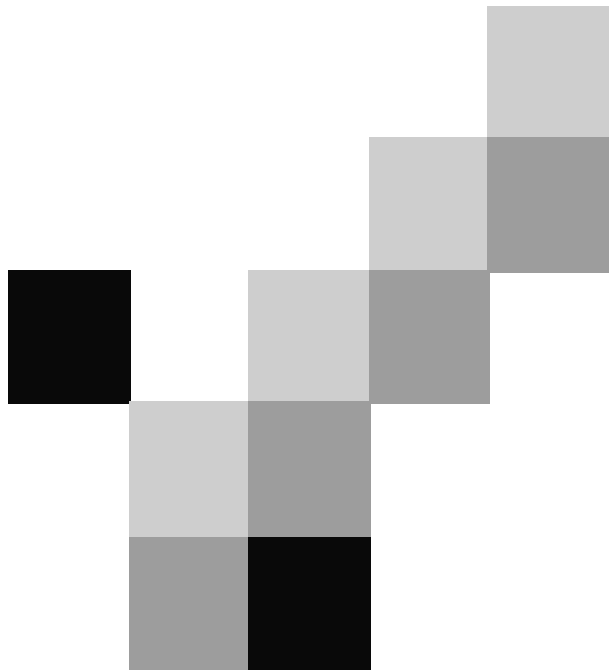
## n MIH Solution

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

## n 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

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