HIP P-RG meeting
IETF 70

December 6, 2007

Andrei Gurtov
{gurtov@hiit.fi}

Tom Henderson
{thomas.r.henderson@boeing.com}
Agenda

General (1300-1400)
Security issues with HIP middlebox traversal. draft-heer-hip-middle-auth-00.txt P2P WiFi sharing architecture talk/demo. (Tobias Heer) --20 min
HIP and the Secure Mobile Architecture (SMA)- (Richard Paine) -- 10 minutes
Update on HIPL experimentation and InfraHIP II project. (Miika Komu). --15 min
Host Identity Specific Multicast (Andrei Gurtov for Rolland Vida). -- 20 min

P2PSIP-related discussions (1400-1500)
- P2PSIP proxy talk/demo. (Joakim Koskela) draft-hautakorpi-p2psip-with-hip-01.txt --15 min
- P2PSIP system that is using the NodeID architecture (Martin Stiemerling). Experience on HIP deployment in Ambient Networks. --20 min
- An ID/Locator Architecture for P2PSIP draft-matthews-p2psip-id-loc-00.txt (Philip Matthews) --20 min
HIP RG administrative items

- Mailing list:

- Supplemental web page (wiki):
  - (Moving to IRTF wiki site-- will be announced on the list)

- HIP PRG charter
  - Evaluate benefit/impact of deploying HIP
  - Experiment with HIP software
  - Analyze HIP in context of real networks
  - Prepare report to IESG
Draft status

draft-irtf-hip-experiment-02.txt
• Our main RG deliverable
• No updates recently

draft-irtf-hiprg-nat-04.txt
• In last stages of approval as an IRTF-track RFC
  – in “MISSREF” state blocked on HIP base specification

New/revised drafts since last meeting:
• draft-heer-hip-middle-auth-00.txt
• draft-matthews-p2psip-id-loc-00.txt
• draft-schuetz-nid-arch-00.txt
• draft-hautakorpi-p2psip-with-hip-01.txt
Software sites

• Three public implementations of HIP available:
  – HIPL (HIP for Linux) (Helsinki HIIT)
    • http://infrahip.hiit.fi
  – HIP4BSD (Ericsson NomadicLab)
    • http://hip4inter.net
  – OpenHIP
    • http://www.openhip.org

• Three test servers:
  – http://hipserver.mct.phantomworks.org
  – http://woodstock{4|6}.hip4inter.net
  – http://hipserver.hiit.fi