HIP-RG meeting
IETF 70

December 6, 2007

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HIP research group

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:
  - http://honor.trusecure.com/mailman/listinfo/hipsec-rg

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

- HIPRG 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

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