

# **IRTF Status Report**

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## **AAAArch** (Authentication Authorisation Accounting Architecture):

- drafts on generic policy grammar and prototype implementation (slowly) being finalized
- group to close “soon”

## **ASRG** (Anti-Spam):

- lots of activity
- overview by chair John Levine at tomorrow’s plenary
- related MARID WG met (twice) today

## **CFRG** (Crypto Forum):

- forum for IETF WGs to raise crypto-related issues
- discussions of truncating authentication tags

## **DTNRG** (Delay-Tolerant Networking):

- DARPA has launched “Disruption Tolerant Network” program explicitly based on DTNRG’s work
- implementor’s meeting held in May
- 2nd public implementation of architecture under way
- new domains: application to disconnected sensor nets, developing nations w/ limited connectivity
- two related papers to appear in SIGCOMM
- DTN-related tutorial at SIGCOMM
- I-Ds on architecture, transport protocol, bundling protocol
- meeting this Friday afternoon

**E2E** (End-to-End): not recently active

**GSEC** (Group Security): not recently active

**HIP** (Host Identity Protocol):

- newly chartered counterpart to HIP WG
- aims to develop “experiment report”
- I-Ds on indirection infrastructure, operation over NATs, rendezvous design
- API developed as master’s thesis
- meets Friday morning

**IMRG** (Internet Measurement): not recently active

## **MOBOPTS** (IP Mobility Optimizations):

- I-Ds on credit-based authorization, improving return routability, fast handover key management
- possible new work item: using L2 triggers for L3 handover management
- met on Monday

## **NMRG** (Network Management):

- met in April
- topics included application of Web Services technology to management, relation to NetConf
- organizing feature on XML-based management for IEEE Communications

**NMRG** (Network Management), con't:

- participants active in newly-launched IEEE Transactions on Network and Systems Management
- SMIng specs published as RFCs 3780 and 3781
- new work item: measurements to assess trade-offs between different management protocols
- next meeting scheduled for November

**P2P** (Peer-to-Peer): mobility subgroup's "issues statement" completed

**SIREN** (Searchable Internet Resource Names): closed

## **RRG** (Routing):

- scalability subgroup begun (Dmitri Krioukov)
- BGP stability subgroup forming (Sue Hares)
- Requirements document under revision to address RFC Editor comments
- History document under revision, to be submitted soon for RFC publication
- aiming to hold multi-day meeting in coming months

## **SMRG** (Services Management):

- examining impact of Web services on service management
- actively looking for participants