

IRTF Status Report

Vern Paxson

International Computer Science Institute
Berkeley, California, USA

irtf-chair@irtf.org

www.irtf.org

vern@icir.org

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AAAArch (Authentication Authorisation Accounting Architecture):

- draft on generic policy grammar being finalized
- draft on experiences applying at Supercomputing
2003 forthcoming
- group to close soon

ASRG (Anti-Spam):

- new co-chair (John Levine)
- new charter (broader than “consent framework”)
- participated in NIST anti-spam workshop
- ongoing coordination with ASTA
- <http://asrg.sp.am/>
- related MARID BOF tomorrow morning

CFRG (Crypto Forum):

- vetted proposed IKEv2 modification for deriving authentication keys
- discussed attacks on SOBER128 cipher

DTNRG (Delay-Tolerant Networking):

- enhanced implementations: “space-qualified”, efficient disconnected operation
- related DARPA program brewing

E2E (End-to-End):

- 2-day meeting, Dec. 2003
- DDoS-resistant architectures:
 - Internet Capabilities; Internet Indirection Infrastructure
- overlay architectures
- Knowledge Plane research
- relationships between rendezvous and signaling architectures
- future Internet research directions

GSEC (Group Security): not recently active

IMRG (Internet Measurement):

- 2-day bandwidth estimation workshop, Dec. 2003
- review team assessing proposed Internet Measurement Protocol's

MOBOPTS (IP Mobility Optimizations):

- newly chartered
- met this afternoon

NMRG (Network Management):

- SMIng documents in RFC Editor queue
- 2-day meeting, Jan. 2004 (recorded audio available)

NSRG (NameSpace): closed

P2P (Peer-to-Peer):

- 6 subgroups formed, beginning to formulate research agendas
- presently most active: interaction between P2P and mobility

SMRG (Services Management):

- considering decentralized management; “pull” rather than “push” models; self-organization; middlebox management

RRG (Routing):

- rechartered
- subgroup on Ad Hoc Network Scaling rechartered
- subgroup on interdomain routing scalability to be formed soon
- subgroup on link state protocols for inter-domain policy-based routing in the works
- “Requirements for Inter Domain Routing” document in RFC editor review

Pending:

One of:

- HIP research group
- More general “identifier/locator split”
- Both

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