

Report to the IETF-66 Plenary

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IRTF Status

- New Research Group created: Scalable, Adaptive Multicast (SAMRG)
- OFFPATH BoF this week
- MobOpts, NMRG, HIPRG, SAMRG meeting at this IETF
- DTNRG review with IAB
- New chair for ICCRG
- Initial IRTF RFC drafts in RFC Ed queue:
 - `draft-irtf-mobopts-ro-enhancements-08.txt`
 - `draft-irtf-hiprg-nat-03.txt`
 - 3 other drafts in the review process

Path-decoupled Signaling for Data (OFFPATH) BoF

- Title is a misnomer, *end-middle-end* more accurate
- Proposal to create an RG on signaling between between end-systems and components in the network, e.g., firewalls
- Desire is to develop flexible framework around a simple protocol
- Initial (SIP-based) implementation from Cornell
- Room poll revealed a lot of interest and energy

Delay-Tolerant Networking Research Group

- RG met in Berkeley on May 16/17
- Started new work on
 - bundle-in-bundle encapsulation
 - defining new bundle headers/blocks

End-to-End Research Group

- Planning a meeting in mid-July
- One theme: re-evaluation of the state of work on congestion control
 - Coordinating with ICCRG chairs

Host Identity Protocol Research Group

- Met at IETF65 and IETF66
- Software demos at IETF65
- HIP over NAT problem statement in RFC editor queue
- HIP experimental report is gradually progressing
- New drafts on simultaneous multi-access, service discovery, TCP piggybacking

Internet Measurement Research Group

- Considering two workshops:
 - Another IMRG bandwidth estimation workshop: Are techniques ready for standardization?
 - Techniques for application identification (with evasive applications)

IP Mobility Optimizations Research Group

- “Route Optimization Enhancements” document to be published as the first IRTF RFC
- Investigating effect of mobility on transport protocol performance (measurements on operational networks, simulation)
- Testbed and draft on L2 abstractions for L3-Optimized handover

Internet Congestion Control Research Group

- Michael Welzl joined S. Keshav as new RG co-chair in May
- Wiki page started: now building an online bibliography (overview of overviews)
- Discussions about “survey” document

Network Management Research Group

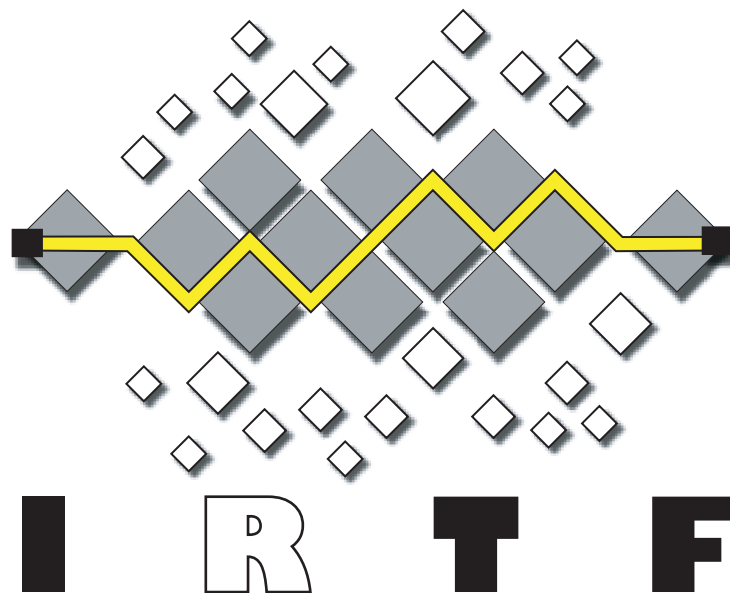
- Met this week discussing SNMP trace collection and analysis
- Considering a workshop to identify network management research challenges and to draft a 5-year research agenda

Routing Research Group

- Looking for a new co-chair
- RG met in April at Infocom in Barcelona
- “Routing Requirements Document” and a “History of Routing Requirements” documents, long in development, are awaiting some final updates
- Planning to meet at next IETF in San Diego

Scalable, Adaptive Multicast Research Group

- Kickoff meeting this morning
- IDs on
 - Requirements for SAM Framework in Non-GIG Networks
 - DMMP: Dynamic Mesh-based Overlay Multicast Protocol
- Online SAM bibliography: <http://www.samrg.org/bib>



<http://www.irtf.org>