

IRTF SAM RG
IETF 83

Chairs:

John Buford, Avaya Labs Research

Thomas Schmidt, HAW Hamburg

Scalable Adaptive Multicast RG

The Scalable Adaptive Multicast (SAM) Research Group is chartered to explore and research techniques which improve multicast performance with respect to dimensions such as number of groups, dynamics of group membership, dynamics of the network topology, and network resource constraints. The RG will investigate approaches based on application layer multicast (ALM), overlay multicast (OM), and native IP multicast, as well as hybrid approaches.

Note Well



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IRTF SAM RG Agenda IETF 83

Thursday, March 29, 2012, 1300 - 1500

1. Introduction, Agenda - Chairs (5 min)
2. Multicast in Information-Centric Networking Dirk Kutscher (30 min)
3. A Common API for Transparent Hybrid Multicast
Discussion of last call issues
draft-irtf-samrg-common-api-04 Matthias Wählisch (10 min)
4. Application Layer Multicast Extensions to RELOAD
draft-kolberg-sam-baseline-protocol-00 Mario Kohlberg (20 min)
5. Community Software Report Thomas Schmidt (10 min)
6. Document Status & Future Work - Chairs (10 min)

Document Status

RG Documents:

- A Common API for Transparent Hybrid Multicast
draft-irtf-samrg-common-api-04
 - RGLC completed
- Application Layer Multicast Extensions to RELOAD
draft-samrg-baseline-protocol-00
 - First review, needs more work
 - Implementation project to start

2012 Meeting Schedule

- Current work (Common API & ALM@RELOAD) on track to completion
- For future meetings, we need new work items:
 - ICN/CDN may be a good start
- Other topics discussed in this group:
 - Group Security (“Sec Credentials in Group Naming”)
 - Mobility (“IP-OLM handovers” ...)
 - Hybrid Address Translation
 - +++
- **Your input needed for a meeting at Vancouver!**