

IRTF SAM RG
IETF 82

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 82

Thursday, November 17, 2011, 1740 - 1940

1. Introduction, Agenda - Chairs (5 min)
2. A Common API for Transparent Hybrid Multicast - Update
draft-irtf-samrg-common-api-03 Matthias Wählisch (10 min)
3. Status report: Measurement & Performance Study of a Hybrid Multicast
Implementation - http://www.realmv6.org/hamcast_dev_index.html
Matthias Wählisch (20 min)
4. Application Layer Multicast Extensions to RELOAD
draft-kolberg-sam-baseline-protocol-01 John Buford (10 min)
5. Distributed Conferencing in RELOAD: Concept Update and Implementation
Report
draft-knauf-p2psip-disco-04
draft-knauf-p2psip-share-02 Alexander Knauf (30 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-03
 - Implementation completed
 - Several review rounds – some more needed
 - Should go to RGLC before Paris
- Application Layer Multicast Extensions to RELOAD
draft-samrg-baseline-protocol-00
 - First review, needs more work
 - Implementation project to start

2011 Meeting Schedule



2nd IEEE Workshop on Pervasive Group Communication (IEEE PerGroup)

Houston, TX, USA, December 9, 2011

held in conjunction with IEEE GLOBECOM 2011

and co-sponsored by the German Chapter of the IEEE CE Society