



Scalable Adaptive Multicast (SAM)
Research Group
www.samrg.org

IETF 66 Agenda

Chairs:

John Buford

Jeremy Mineweaser

Scalable Adaptive Multicast (SAM) RG Agenda at IETF 66

- 0:00 Welcome (J. Buford, J. Mineweaser)
- 0:05 Agenda bash (J. Buford, J. Mineweaser)
- 0:10 Summary of ALM, OM, and Hybrid systems (J. Buford)
- 0:40 Requirements for Scalable Adaptive Multicast
Framework in Non-GIG Networks (Y. Imai)
draft-muramoto-irtf-sam-generic-require-00.txt
- 1:00 Application areas of Scalable Adaptive Multicast
(N. Kawaguchi)
- 1:20 Introduction to the Global Information Grid (GIG) and
key GIG challenges (J. Mineweaser)
- 1:50 DMMP: Dynamic Mesh-based Overlay Multicast Protocol (X. Fu)
draft-lei-samrg-dmmp-00.txt
- 2:10 SAMRG Work Plan and Meeting Plan (J. Buford, J. Mineweaser)
- 2:20 Open discussion
- 2:30 Close of meeting

Welcome

- Scribe
- Jabber room
- Meeting materials
 - www.samrg.org ⇒ meetings

What we are doing here

- See charter at irtf.org
- Briefly
 - Deployment of IP Multicast is slow
 - Application layer multicast techniques have been demonstrated, and some have combined ALM with native multicast
 - Can we specify a hybrid multicast framework that
 - Leverages IP multicast where it exists
 - Uses ALM elsewhere
 - Is adaptive to different network environments, #s of groups, QoS mechanisms etc.
 - One network environment of interest is the Global Information Grid (GIG)

Workplan

- What's our work plan
 - Problem statement and driving scenarios
 - Requirements for SAM Framework
 - Survey of ALM/OM/Hybrid technologies and performance metrics
- Meeting schedule
 - Meeting at Workshop on Peer-to-Peer Multicasting, Jan 2007
 - Part of IEEE Consumer Communications and Networking Conference
 - IETF 68
 - One other networking conference in 2007, venue under discussion
- Further information
 - Website: www.samrg.org
 - Mailing lists: sam@irtf.org