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Multicast and Anycast Group Membership (MAGMA)
IETF 58
Brian Haberman
Isidor Kouvelas

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Agenda

Agenda Bashing	chairs	5 min
Document Status	chairs	15 min
SSM Admin-range / MRD-SSM	Isidor	5 min
Group Management MIB	Julian	15 min
Multicast Router Discovery	Brian	5 min

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Document Status

Source Address Selection for the Multicast Listener Discovery (MLD) Protocol
Standards Track RFC 3590 (September 2003)

Socket Interface Extensions for Multicast Source Filters
draft-ietf-magma-msf-api-05
In RFC editor queue.

Multicast Listener Discovery Version 2 (MLDv2) for IPv6
draft-vida-mld-v2-07 in IESG evaluation
Authors will submit revised ID after the meeting to address minor comments

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Document Status cont

Multicast Group Membership Discovery MIB
draft-ietf-magma-mgmd-mib-01 submitted (addresses comments by Dave Thaler)
New comments by Samanvitha Rao

Considerations for IGMP and MLD Snooping Switches
draft-ietf-magma-snoop-09 (expired)

In AD Followup during IESG Evaluation.

Authors are addressing security considerations comments by Steve Bellovin

IGMP/MLD-based Multicast Forwarding

AD review comments (minor) sent on draft-ietf-magma-igmp-proxy-04

Revised ID may be needed to address.

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Document Status cont

Using IGMPv3 and MLDv2 For Source-Specific Multicast

Second WG last call ended on draft-holbrook-idmr-igmpv3-ssm-05

Revised ID needed to address comments by Pekka

Multicast Router Discovery SSM Range Option

draft-ietf-magma-mrdssm-03

Draft may be obsoleted depending on result of discussion on draft-holbrook-ssm-scoping-00.

Multicast Source Notification of Interest Protocol (MSNIP)

draft-ietf-magma-msnip-04

Depending on result of discussion on draft-holbrook-ssm-scoping-00 MSNIP may be simplified to operate with a fixed SSM address range

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MRD-SSM / MSNIP and SSM Admin-range

Discussion of the Scoping Filters for Source-Specific Multicast (draft-holbrook-ssm-scoping-00) will take place in the SSM session at 15:45.

SSM Scoping Filters provide a flexible mechanism for administratively scoping SSM traffic without extending the SSM address range.

This eliminates the need to advertise the configured SSM range and obsoletes MRD-SSM (draft-ietf-magma-mrdssm-03).

A fixed SSM address range also simplifies MSNIP (draft-ietf-magma-msnip-04) and allows support for ad-hoc networks without significant compromise of backward compatibility.