

**MBONE Deployment WG
(mboned)
Charter Discussion**

CHAIRS:

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General description...leading text

The MBONE Deployment Working Group is a forum for coordinating the deployment, engineering, and operation of multicast routing protocols and procedures in the global Internet. This activity will include, but not be limited to:

Charter: existing items (shall we keep?)

- Documenting deployment of multicast routing in the global Internet.
- Receive regular reports on the current state of the deployment of multicast technology. Create "practice and experience" documents that capture the experience of those who have deployed and are deploying various multicast technologies.
- Based on reports and other information, provide feedback to other relevant working groups.
- Develop mechanisms and procedures for sharing operational information to aid in operation of the multicast backbones and interconnects.
- Update RFC 3171/BCP 51 based on experience.
- Develop a roadmap informational RFC that describes the current IPv4 and IPv6 IETF multicast architectures, including references to the relevant IETF documents and guidance for implementers and network operators.
- Complete the MSDP MIB
- This is not meant to be a protocol development Working Group.

Charter: active drafts (can be new items)

- Source-Specific Protocol Independent Multicast in 232/8
- Automatic IP Multicast Without Explicit Tunnels (AMT)
- Multicast Source Discovery Protocol (MSDP)
Deployment Scenarios
- PIM-SM Multicast Routing Security Issues and Enhancements
- Multicast Source Discovery protocol MIB
- Overview of the Internet Multicast Addressing Architecture
- Lightweight Multicast Address Discovery Problem Space
- Requirements for Accounting, Authentication and Authorization in Well Managed IP Multicasting Services
- Overview of the Internet Multicast Routing Architecture
- Issues Related to Receiver Access Control in the Current Multicast Protocols

Charter items: additional possible new items

- SSM (shall we use SSM only?)
- IPTV
 - IPTV Standards
 - Operator Survey
- AMT
- Multicast AAA work
- Multicast Number Registry
 - Port Registry
 - Address Registry
 - Other means to get out of the address mess ?

Proposals from the floor

Open charter discussion