Lightweight IGMPv3/MLDv2

draft-ietf-mboned-lightweight-igmpv3-mldv2-00

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Summary

- Motivation
  - Define simplified IGMPv3/MLDv2 to facilitate further SSM deployment
- Approach
  - Remove an EXCLUDE filter-mode operation from a host (except (*,G) join)
  - Remove EXCLUDE filter-mode on routers
  - Simplify an INCLUDE filter-mode operation
  - Keep compatibility with the full version

Next Steps

- Draft revision
  - Please review the draft and give us comment
  - Before the next IETF, we will revise the draft if needed
- Implementation
  - One open source host-side implementation (BSD) for LW-IGMPv3/MLDv2 will be available around the next IETF (I hope)
  - Multiple router-side implementations for LW-IGMPv3 (and LW-MLDv2) will be available, too (I hope)
  - If you plan to implement the LW-version protocols, please mail to the authors or MBONED WG ML
- Interoperability test