Lightweight IGMPv3/MLDv2

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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