IGMPv3 & MLDv2 Survey

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Background

- PIM WG wishes to progress IGMPv3 (RFC 3376) and MLDv2 (RFC 3810) from Proposed Standards to Internet Standards

- Critical to determine
    1. What features in RFC 3376 and RFC 3810 are not widely used?
    2. What interoperability issues that have arisen from using IGMPv3 and MLDv2 ?

- Approach suggested WG chairs for answering these 2 questions
    - Survey vendors & operators
        - Approach used successfully for PIM-SM (RFC 7063)

- Volunteer team assembled to help coordinate the survey
    - Regular meetings
    - Draft of survey questions created
        - draft-eckert-pim-igmp-mld-questionnaire-00

Survey

- Targeted at
    1. Network operators
    2. Router vendors
    3. Switch vendors
    4. Host implementors

- Please see draft for proposed questions
    - Slightly different set of questions for implementors/vendors and operators

- Results will be kept confidential
    - Follow approach used for running PIM SM survey

Next Steps

- Please review questions in draft

- Seeking input open issues
  - What features of IGMPv3/MLDv2 should we enquire about?
    - Only those explicitly defined in RFCs
      - e.g. Include/exclude mode with source list, SSM membership reports
    - Features commonly used, even not actually defined in RFCs
      - e.g. Snooping proxy

- Please help publicize and distribute the survey once it is released