On-link multicast threats

On-link IGMP/MLD/PIM threats and problems

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- ☐ Background
  - ○ Documentation on multicast security issues has been lacking
  - ○ draft-ietf-mboned-mroutesec addresses routing infrastructures
  - ○ There is not concise document to address 1st hop cases
    - ▷ draft-daley-magma-smld-prob-00.txt describes MLD/IGMP
    - ▷ 1st hop PIM DoS attacks (e.g., asserts, etc.) still to be done
    - ▷ The effects seem similar, so a single document might be useful

- ☐ Proposal
  - ○ Write a security analysis of 1st hop multicast threats
  - ○ Do it in MBONED because there is no clear common home
    - ▷ In coordination with PIM and MAGMA WGs

- ☐ Way forward
  - ○ Do people think this is a good idea? Is this the right place?
  - ○ Who is willing to:
    - ▷ Review?
    - ▷ Contribute / co-author? (Primary author requested!)