PIM Light

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Authors:
Hooman Bidgoli, Nokia
Stig Venaas, Cisco
Mankamana Mishra Cisco
Zaohui Zhang, Juniper
Mike Mc Bride, Futurewei

Presenter Hooman Bidgoli
What the draft covers so far

- PIM Light Interface (PLI) will only support message type 3 (Join/Prune)

- PIM Sparse mode needs to have the source, DR, RP in the same PIM domain and they can’t be connected over a PIM Light domain

- Special considerations for Join Attribute and DR selection because of lack of Hello messages

- PIM light interface (PLI) configuration, 2 cases
  - If PLI is configured on a router interface explicitly, then the system only accepts PIM Join/Prune messages on the interfaces that have PLI configured on it.
  - If a router is automatically enabling PLI on a special interface, as an example BIER interface, then the router only accepts PIM Join/Prune messages on these special interfaces.

- Failures in Pim Light domain
  - Lack of hello means not all failures are detected in PIM light domain
  - Protocols like BFD can be used to detect failure on the PLI

- RFC 6559 interaction
  - Probably need an informational draft for PIM Light and TCP
  - Joing/Prune over TCP should be configuration in PIM Light as there is no hello message.
Next Steps

• What is next step?
• Any more comments suggestions?
• Last call?
Thank You!