

PIM Light

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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
 - Joining/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!