

PIM Light

Draft-hb-pim-light

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PIM Light, what is it

- The idea was born because of “last call” meeting of draft-ietf-bier-pim-signaling
 - Draft-ietf-bier-pim-signaling use PIM Join/Prunes and Assert messages to communicate the multicast state between two PIM domains over a BIER network
- RFC 7761 Section 4.3.1 describes that PIM Join/Prune or Asserts messages are not accepted from a router unless a Hello message has been Heard from that router.
- With PIM Light, PIM Join/Prunes and PIM Asserts are accepted from a Neighbor without receiving PIM Hello

PIM Light, Limitations

- Lack of Hello Messages on a PIM Light Interface (PLI) means:
 - No mechanism to discover PIM neighbors
 - No DR Selection and DR Priority options.
 - The router doesn't create any General-Purpose state for neighboring PIM router

Next Steps

- Comments welcome
- Asking for adoption

Thank You!