

A Routing Header Dispatch for 6LoWPAN

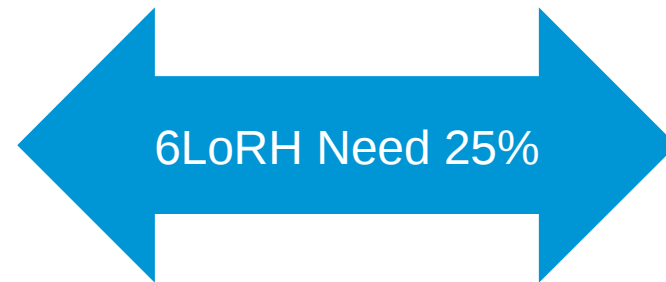
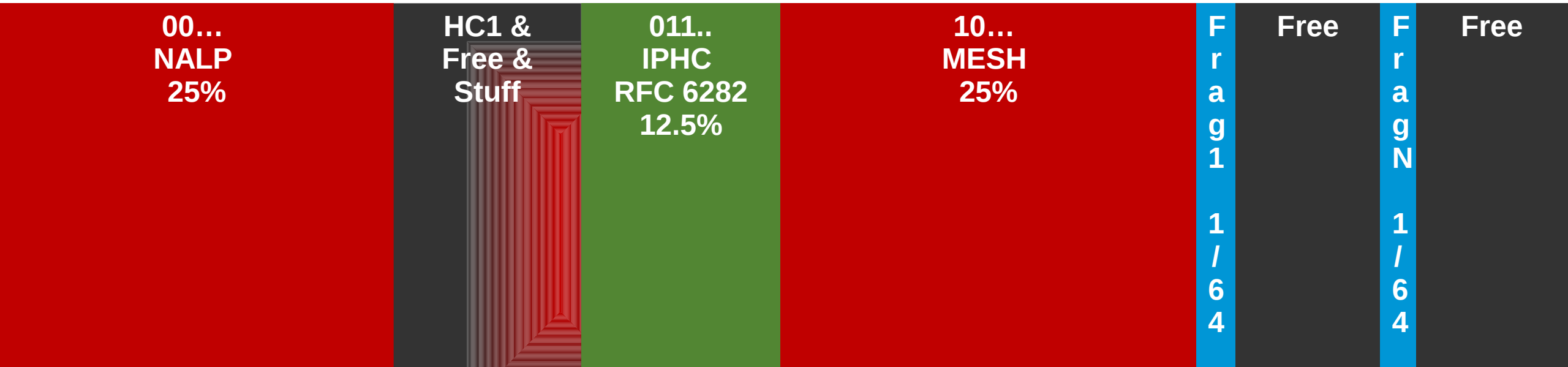
[draft-thubert-6lo-routing-dispatch](#)

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Problem of the day: Find room for 6LoRH



Options on the table

Reuse NALP or MESH dispatch space, making networks that use them mutually exclusive with 6LoRH

- Got Push back from at least 2 directions (incompatible with one another)
- Problem explaining that to other bodies

Isolate RFC 4944 at the beginning of the Packet with a Delimiter dispatch

- After the Delimiter, NALP, MESH and FRAG space can be used again
- 6LoRH uses only 33% of all that new space
- Cost is 1 Octet / packet

Mostly Fill up what's left in dispatch space, the (fragmented) FRAG zone

- Actually smaller than the real needs for 6LoRH
- Makes the biggest ignorable header $\frac{1}{2}$ smaller
- Reduces the space for new 6LoRH commands

