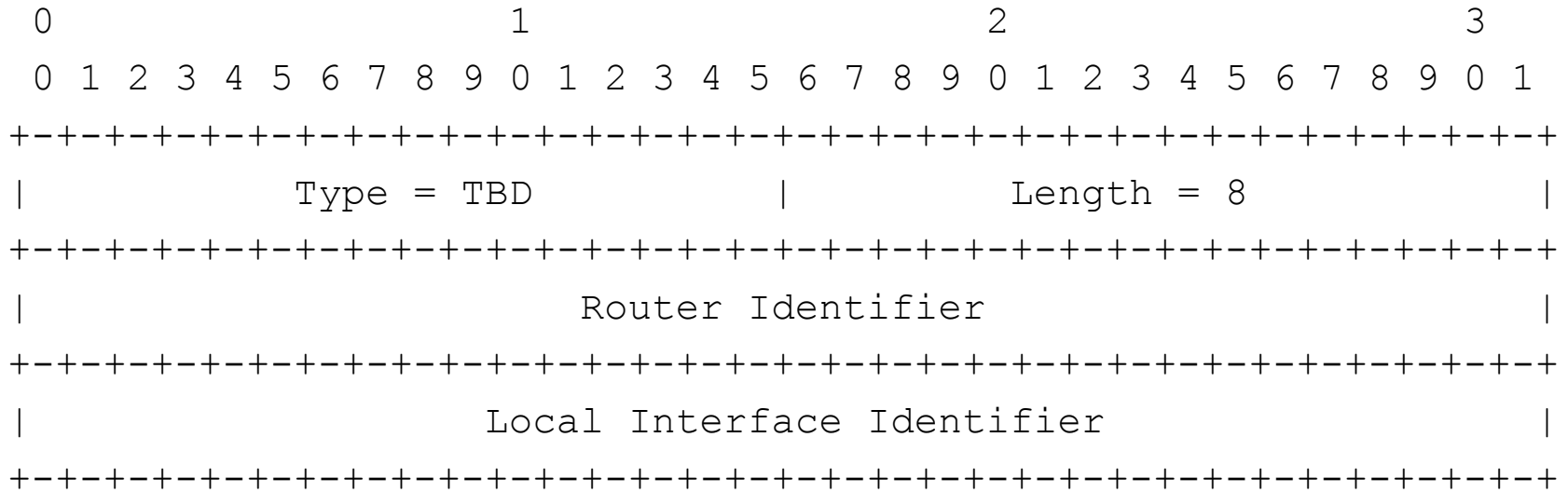


draft-gulrajani-pim-hello-intid-00

# intid overview

- PORT relies on PIM Hello's to contain an Interface ID
  - A router uses different Interface ID per interface
  - Used to refer to an interface
  - Needed at least for IPv6 link-local and unnumbered
- Other protocols may also need this
- Some may need a Router ID so that one can uniquely identify an interface in the network (not just per router)
  - draft-hou-pim-ecmp-00.txt
- Draft defines a PIM Hello Interface ID option
  - May optionally include a Router ID for network uniqueness

# Option format



- Router Identifier 0 if network uniqueness not needed
- Router Identifier may be an IPv4 address of the router
  - Or manually configured
  - Similar to Router ID in various routing protocols
- Local Interface Identifier unique per router interface