Status

• -03 published after IETF 115 (London)
  • IANA (early allocation approved)
  • editorial changes

• Pending modifications for -04:
  • Fix the integrity validation algorithm

• ACK from the implementor
Reminder

**Rule**: *an IOAM node only signs data fields it writes*

…*data fields modified by other IOAM nodes are excluded from the signature*
Reminder

Rule: an IOAM node only signs data fields it writes
… data fields modified by other IOAM nodes are excluded from the signature

E2E Option-Type:
- encapsulating node signs its data fields
- no transit node involved
- decapsulating node checks the signature of the encapsulating node

POT (Type 0) Option-Type:
- encapsulating node signs its data fields ("Cumulative" field is excluded)
- transit nodes only modify the “Cumulative” field
- decapsulating node checks the signature of the encapsulating node
Reminder

Rule: *an IOAM node only signs data fields it writes*
… *data fields modified by other IOAM nodes are excluded from the signature*

Trace Option-Type:
- encapsulating node signs its data fields
- each transit node signs its data fields
- decapsulating node checks the signature chain (from last transit node to encapsulating node)
Header protection?

**Rule**: an IOAM node only signs *data fields* what it writes

… *data* fields modified by other IOAM nodes are excluded from the signature
Header protection?

Rule: an IOAM node only signs data fields what it writes … data fields modified by other IOAM nodes are excluded from the signature

- Trace Option-Type Header:

- POT Option-Type Header:

- E2E Option-Type Header:
Next

- Header protection?
  - Put back DEX Option-Type support