



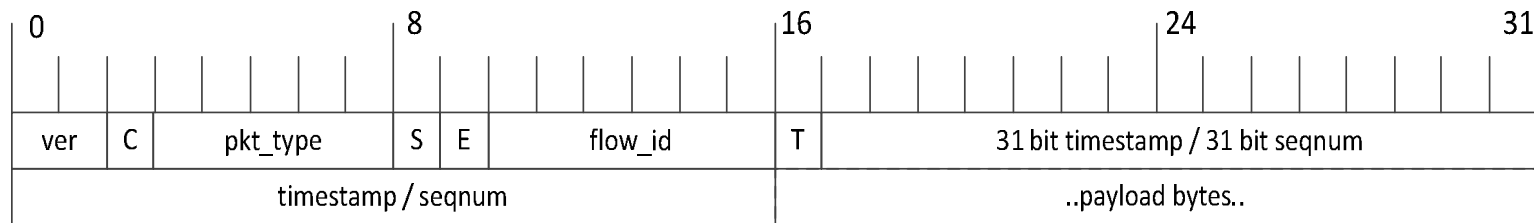
# **RoE structure agnostic transport mode- strawman proposals**

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# The structure agnostic mode

- ❑ The RoE packet has no idea of the format of the transported payload.
- ❑ The application sending RoE packets in structure agnostic mode SHOULD at minimum be aware of the transported stream framing start and stop:
  - Use S and E bits accordingly.
  - If the application has no idea of the transported stream framing -> set S=E=0 in all packets.
- ❑ No stuffing in the last RoE packet:
  - However, the bits are assumed to be “left shifted” in the last byte by the amount of unused bits in the byte i.e. `last_byte = last_byte << (8 - unused_bits);`

# The structure agnostic mode cont'd



- ❑ Reserve a `pkt_type` (say 0x1e).
- ❑ `flow_id` can be used to multiplex individual flows between SA/DA pair.
- ❑ S & E used if the application understands the transported stream framing. Otherwise  $S=E=0$  for all packets.
- ❑ Either timestamps or seqnums used.