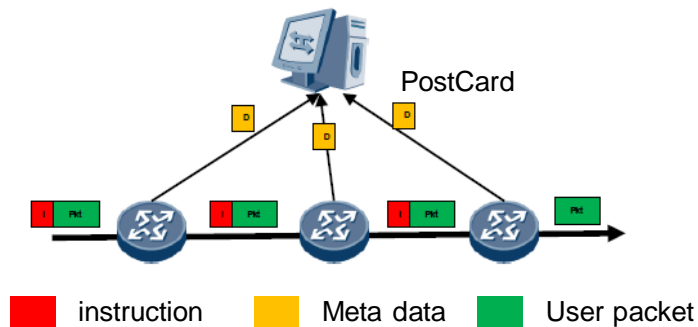


Postcard Based Telemetry for Insitu Flow Information Telemetry

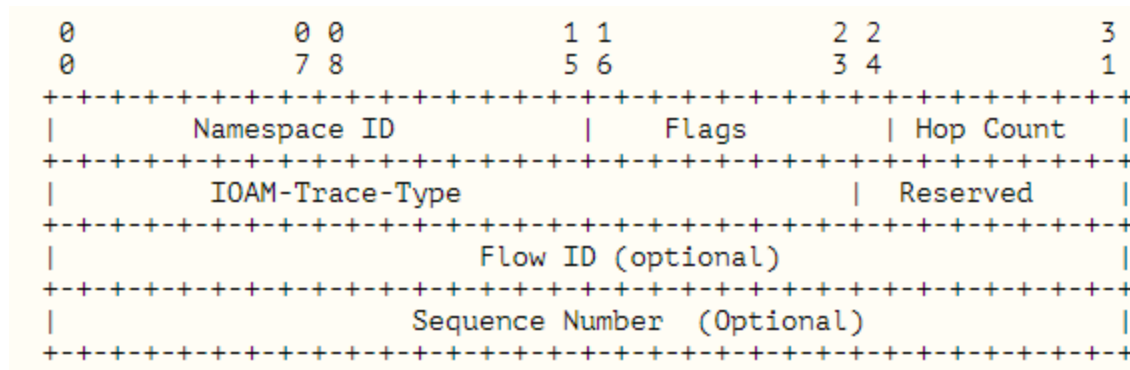
IETF 105, Montreal

Postcard Based Telemetry

- Separate the Telemetry Instruction Header and the Meta data.
- Postcard will ship out the meta data hop by hop.

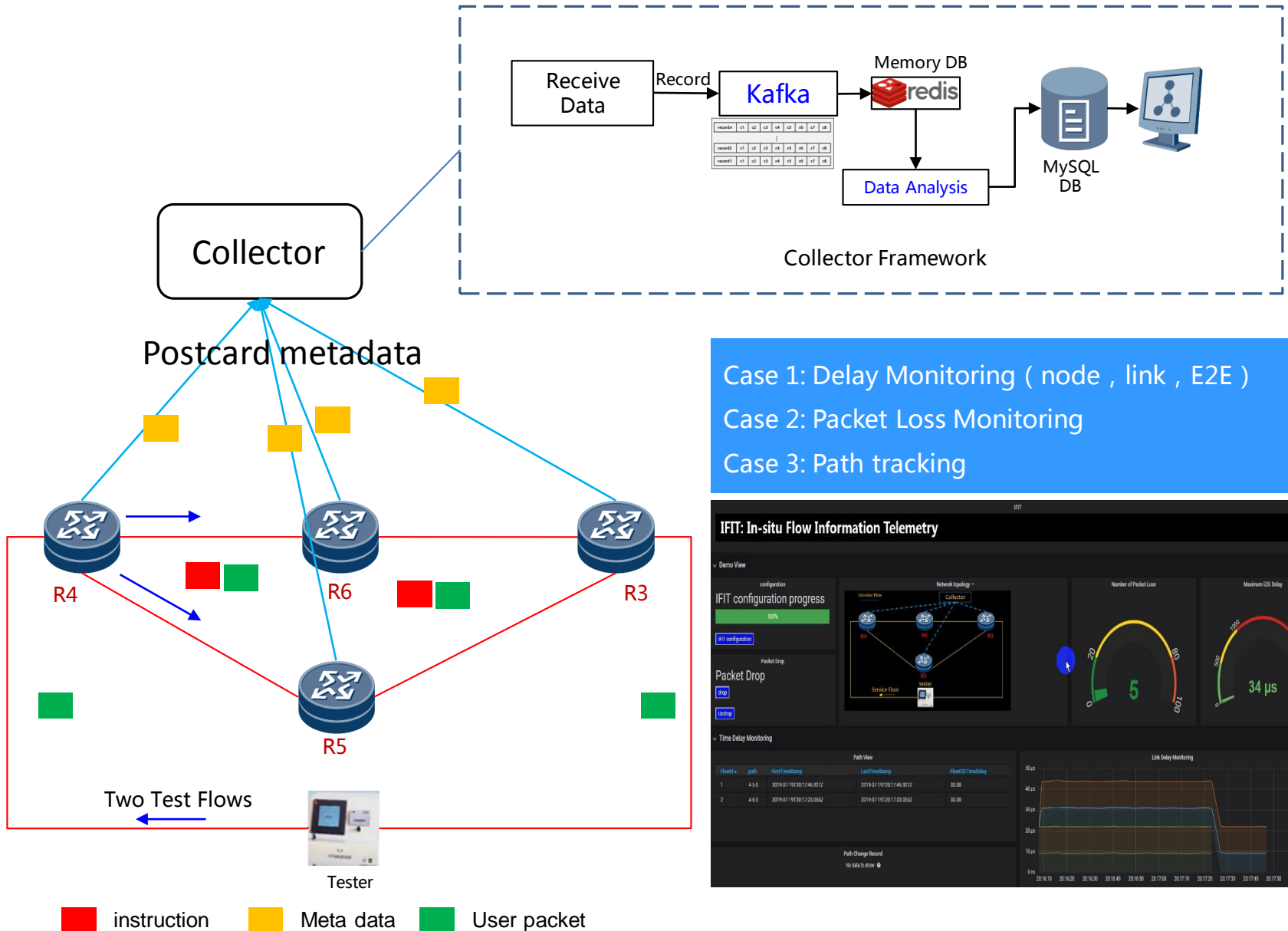


- Detect the location of packet loss.
- Fixed packet header
- Differentiate the QoS priority for the metadata from user traffic

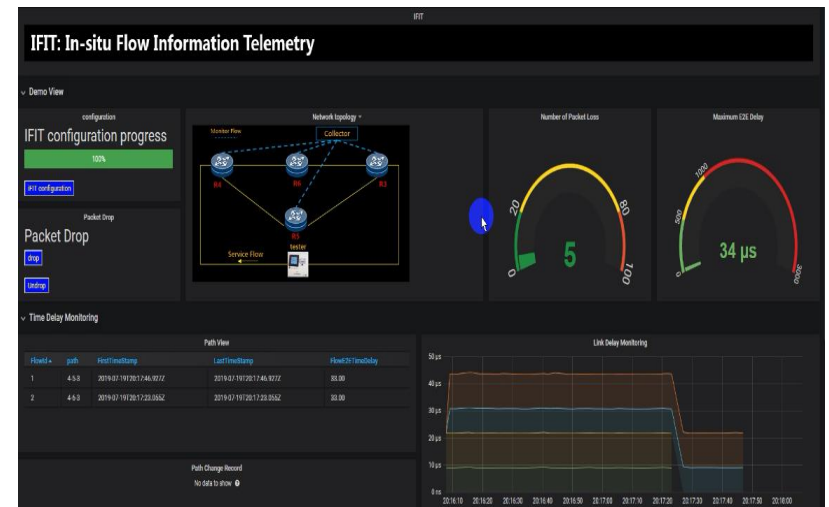


Postcard-based On-Path Flow Data Telemetry (<https://datatracker.ietf.org/doc/draft-song-ippm-postcard-based-telemetry>)

Architecture



Case 1: Delay Monitoring (node , link , E2E)
 Case 2: Packet Loss Monitoring
 Case 3: Path tracking



Thanks