

Hybrid Two-step telemetry collection method

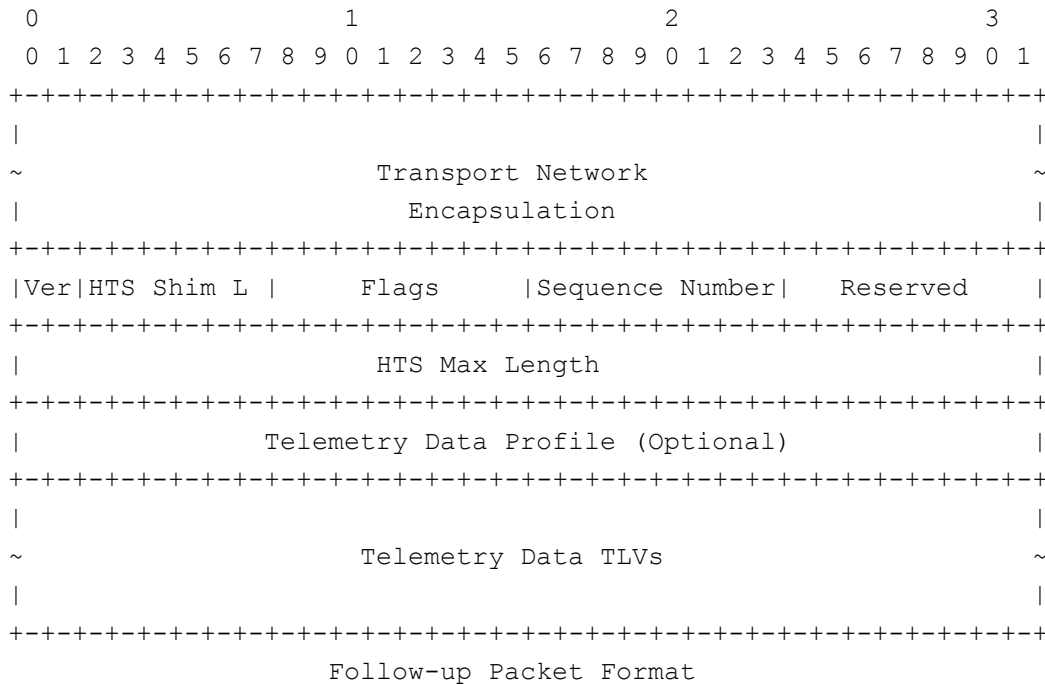
draft-mirsky-ippm-hybrid-two-step

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Updates

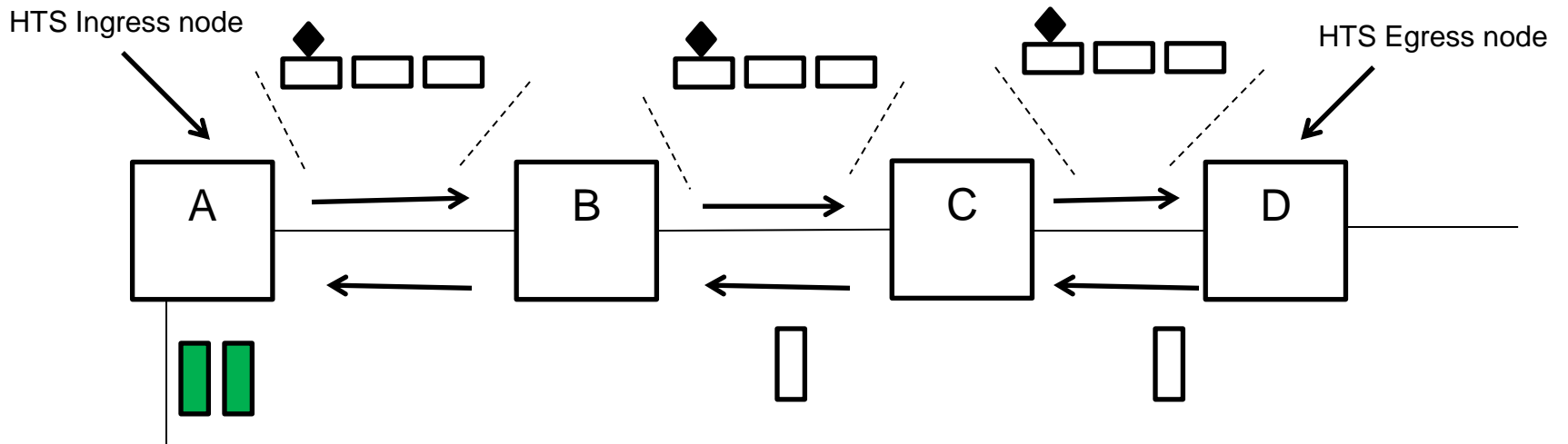
- HTS Max Length field
- HTS flow identification
- Upstreaming HTS
- Welcome Pascal Thubert as a co-author





HTS Max Length



- Reserved is one octet-long field. It **MUST** be zeroed on transmission and ignored on receipt.
- HTS Max Length is four octet-long field. The value of the HTS Max Length field indicates the maximum length of the HTS Follow-up packet in octets. An operator **MUST** be able to configure the HTS Max Length field's value. The value **SHOULD** be set equal to the path MTU.

Upstreaming HTS



-  Packet
-  HTS Trigger
-  HTS Follow-up Packet
-  On-path telemetry information

HTS Characteristic Information

- Characteristic information **MUST** be sufficient to associate an HTS Follow-up packet with the monitored data flow
- Characteristic information **MAY** be obtained from the trigger packet or constructed by the node that originates the follow-up packet.
- Examples of HTS characteristic information:
 - a list of SIDs in a Segment Routing domain;
 - Base Header, Service Path Header, and Context Headers (if used in the trigger packet) in an SFC NSH domain;
 - IOAM Trace option header in an IOAM domain.

Next steps

- Your comments, suggestions, questions always welcome and greatly appreciated
- WG adoption

Thank you