

DetNet

Data Plane Drafts

Framework

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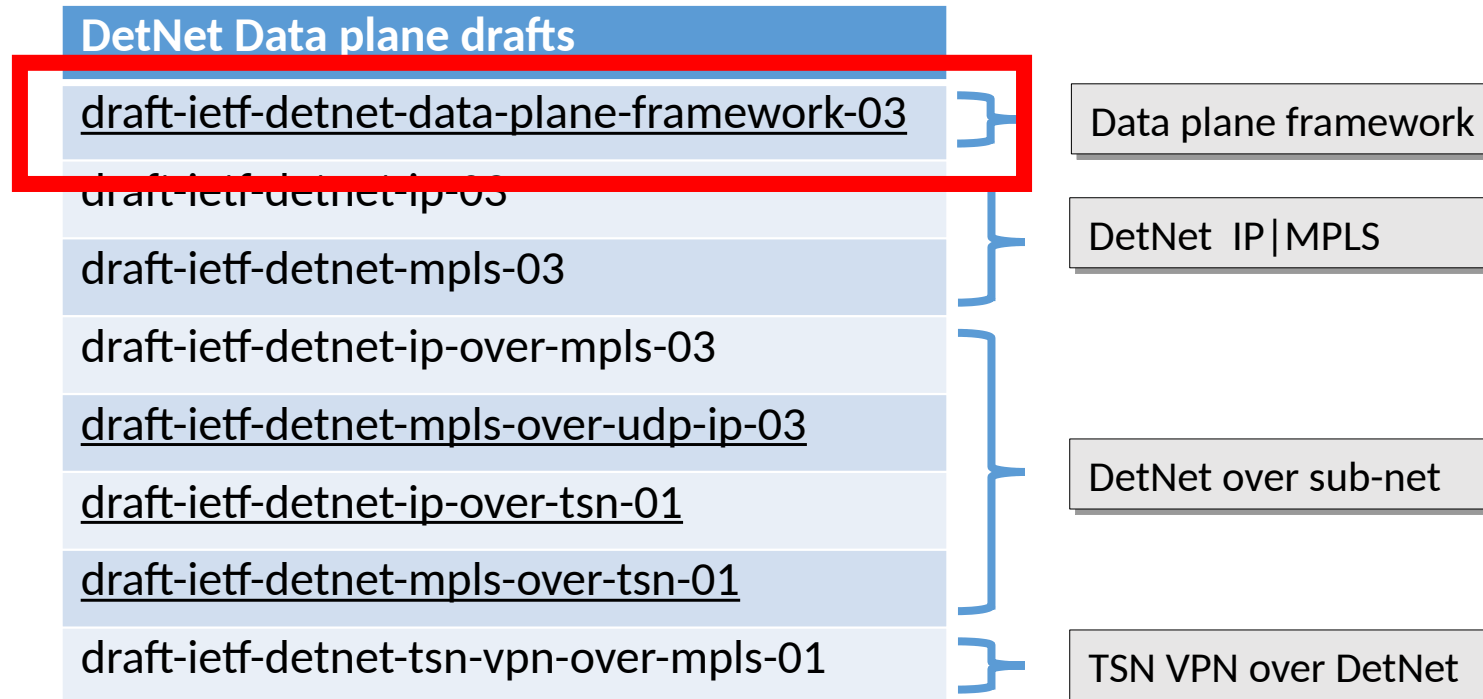
DetNet WG

Singapore, 21st November, 2019

Data plane documents

Status

- Building block approach



DetNet Data Plane Framework

[draft-ietf-detnet-data-plane-framework-03](#)

- Content

- provides an overall framework for the Deterministic Networking data plane.
- covers concepts and considerations that are generally common to any Deterministic Networking data plane specification.

- DetNet Data Plane

- Encapsulation
- DetNet Specific Metadata
- DetNet IP Data Plane
- DetNet MPLS Data Plane
- Service Protection, Aggregation, End-Systems, Sub-Network

- Controller Plane (Management and Control) Considerations

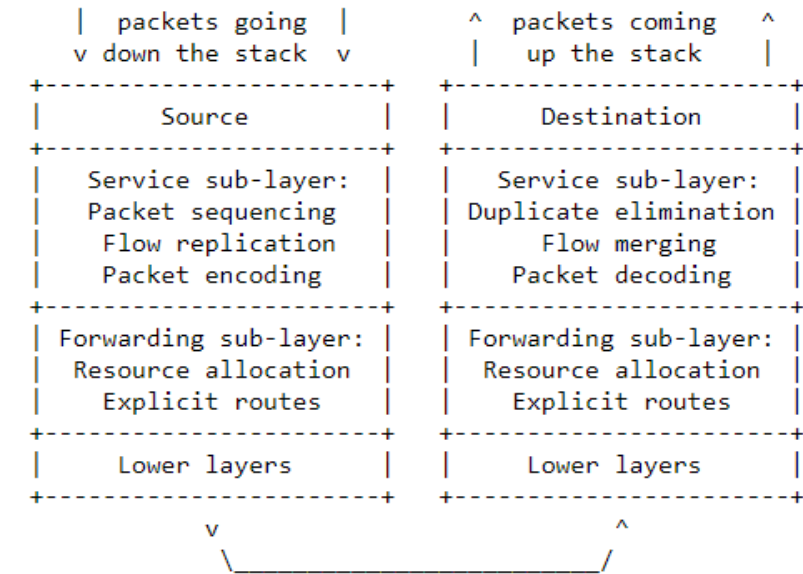


Figure 1: DetNet data plane protocol stack

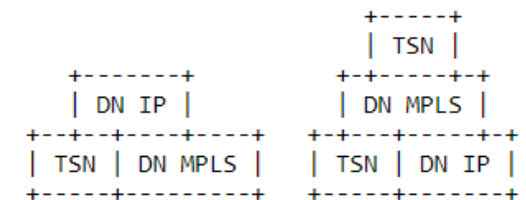


Figure 2: DetNet Service Examples

Status – Next Steps

- Shepherd review: DONE
- WG last call: FINISHED
 - Started: 24th September
 - Ended: 7th October
 - Comments resolved in v03
 - Clarifications, Editorials

<https://www.ietf.org/rfcdiff?url2=draft-ietf-detnet-data-plane-framework-03>

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- Ready for submission to the IESG ...

Thanks ...