

# Draft-aldrin-sfc-oam-framework

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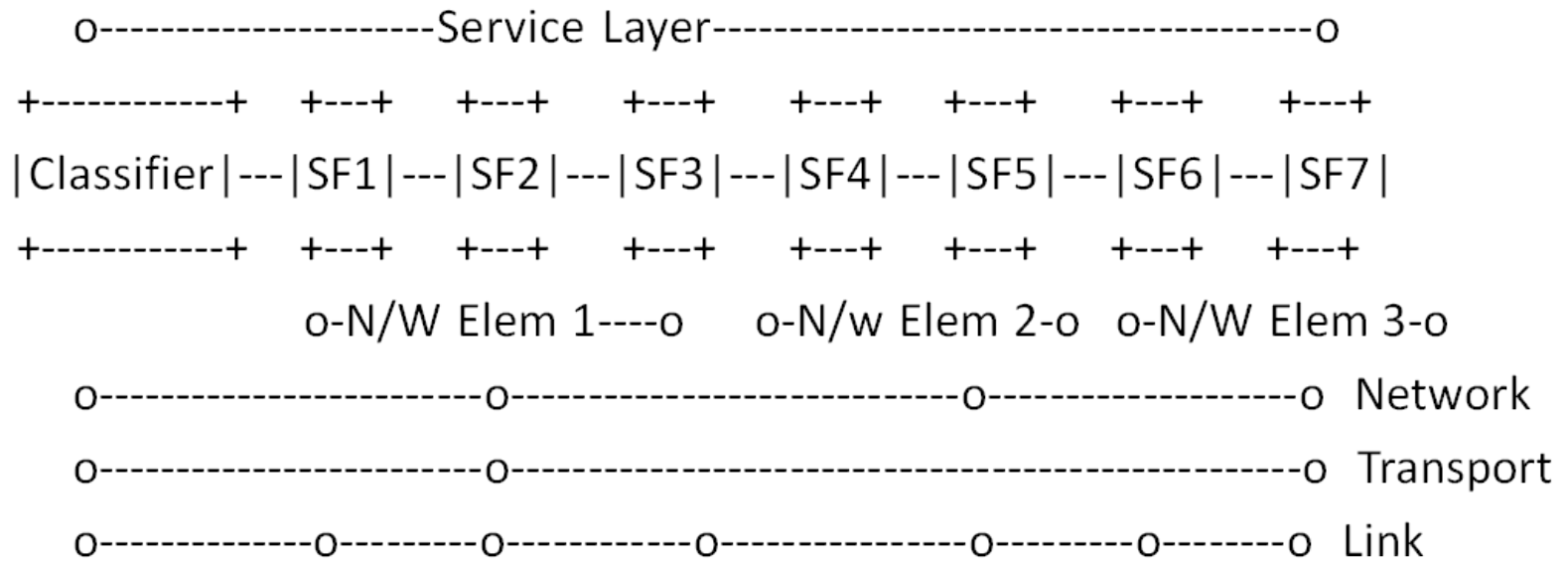
# Objectives

- To specify OAM framework for SFC
- Cover various OAM aspects
  - Layering Models and their relationship
  - OAM within SFC
  - OAM Functions

# Relationship to Existing Standards

- Leverages concepts & Elements defined in the following standards:
  - [RFC6291] – Guidelines for the use of OAM
  - MPLS OAM, TRILL OAM, NVo3 OAM, CFM, etc
  - BFD

# SFC Layering Model



SFC Layering Example

# SFC OAM components

- **Service Function** - To test the service functions from any SFC aware network devices (i.e. classifiers, controllers, other service nodes)
- **Service Function Chain** - To test the service function chains and the service function paths
- **Classifier** - To test validity of the classifiers

# SFC OAM Functions

- Connectivity
- Continuity
- Trace
- Performance Measurement

# Next Steps and Questions

- Document is work in progress
- Solicit more comments on the mailing list
- Influence architecture where necessary
- Questions