Introduction

• This presentation summarizes the major changes to be done to the draft in order to bring it up-to-date

• Additional smaller changes may be needed, they are not listed here.

• Current draft: draft-ietf-detnet-flow-information-model-01
In-order / Out-of-order Delivery

• New QoS attribute has been introduced by the architecture draft: Maximum allowed misordering.

• Some DetNet applications are unable to tolerate any out-of-order delivery.

• It is a binary attribute at the moment.

• It should be refined

• Suggestion to define maximum allowed/tolerable misordering:
  • maximum number of misordered packets, e.g., a delta of sequence numbers between the highest sequence number that was just received and the lowest sequence that is acceptable
Attribute Refinements

• Further attributes require refinement, e.g., jitter.
Consistency To Be Improved in The Draft

1. User's view: parameters that are defined by the user for its flow (it may be application specific)

2. Network's view: service parameters that the network provides for a DetNet flow

3. User network interaction: parameters the user signals to the network
Consistency To Be Ensured among Drafts

• Bringing this draft up-to-date implies improving consistency.

• Special case is needed between the flow information and the YANG configuration model