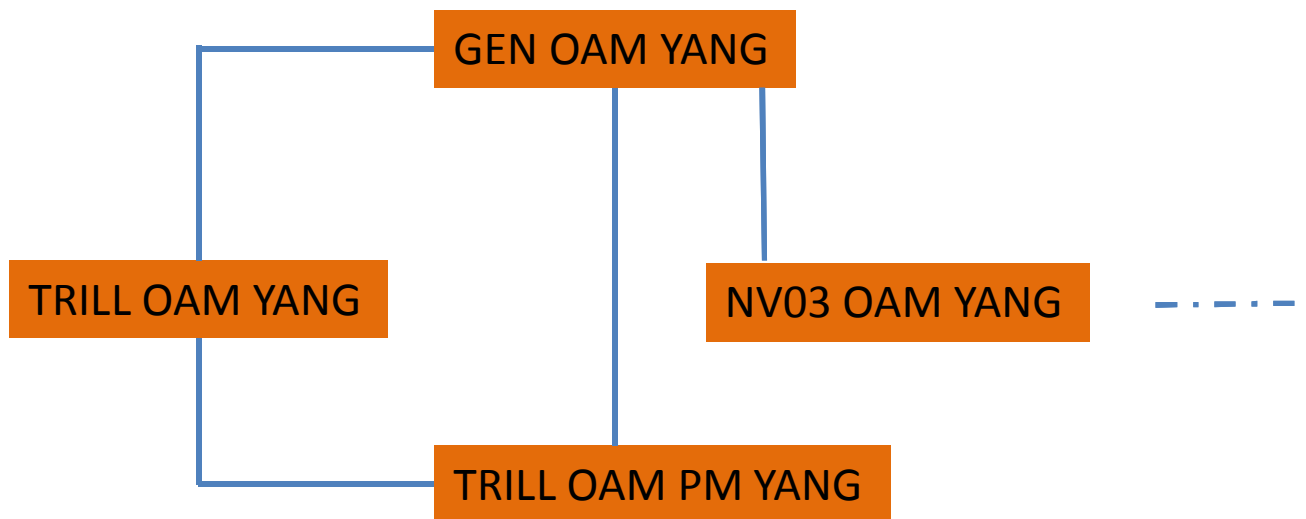


TRILL OAM PM Yang

TRILL OAM PM YANG



Relationship of TRILL OAM PM YANG

TRILL OAM PM YANG

” YANG Extension

- . MEP Address defined in Generic OAM Yang model extended for Performance Measurement

” MEP Configuration Extension

- . module: trill-oam-pm augment
/goam:domains/goam:domain/goam:MA/goam:MA/goam:MEP:

” Flow Entropy – TRILL OAM YANG

” Context-Id – TRILL OAM YANG

” RPC

- . Create-loss-measurement
- . Abort-loss-measurement
- . Create-delay-measurement
- . abort-delay-measurement

TRILL OAM PM YANG MEP Configuration

” Delay Measurement

- . Measurement-type
- . Measurement-enable
- . Message-period
- . Frame-size
- . Data-pattern
- . Measurement-interval
- . Number-intervals-stored
- . Ifdv-selection-offset
- . Start-time
 - ” Immediate
 - ” Absolute
- . Stop-time
 - ” None
 - ” Absolute
- . Destination MEP
 - ” TRILL-rb-nickname
- . Frame delay two way
- . Frame delay forward
- . Frame delay backward
- . Inter frame delay variation two way
- . Inter frame delay variation forward
- . Inter frame delay variation backward
- . Current Stats
 - ” statistics
- . History Stats
 - ” History Statistics

TRILL OAM PM YANG MEP Configuration

“ Create Loss Measurement

- . Measurement-type
- . enabled-counters
- . Message-period
- . Frame-size
- . Data-pattern
- . Measurement-interval
- . Number-intervals-stored
- . Start-time
 - “ Immediate
 - “ Absolute
- . Stop-time
 - “ None
 - “ Absolute
- . Destination MEP
 - “ TRILL-rb-nickname
- . Forward Frame Loss Ratio
- . Backward Frame Loss Ratio
- . Current Stats
 - “ statistics
- . History Stats
 - “ History Statistics

TRILL OAM PM YANG MEP RPC

“ Loss Measurement

- . Input
 - “ Measurement-type
 - “ enabled-counters
 - “ Message-period
 - “ Frame-size
 - “ Data-pattern
 - “ Measurement-interval
 - “ Number-intervals-stored
 - “ Session-type
 - “ Start-time
 - . Immediate
 - . Absolute
 - “ Stop-time
 - . None
 - . Absolute
 - “ Destination MEP
 - . TRILL-rb-nickname
 - “ Flow Entropy
 - “ Context-type **1**
 - “ Context-id-vlan
 - “ Context-id-fgl
- . Output
 - “ Session Id

Slide 6

1

Fix draft

dekumar, 12/11/2014

TRILL OAM PM YANG MEP RPC

“ Loss Measurement

- . Input
 - “ Measurement-type
 - “ Measurement-enable
 - “ Message-period
 - “ Frame-size
 - “ Data-pattern
 - “ Measurement-interval
 - “ Number-intervals-stored
 - “ Ifdv-selection-offset
 - “ Session-type
 - “ Start-time
 - . Immediate
 - . Absolute
 - “ Stop-time
 - . None
 - . Absolute
 - “ Destination MEP
 - . TRILL-rb-nickname
 - “ Flow Entropy
 - “ Context-type
 - “ Context-id-vlan
 - “ Context-id-fgl
- . Output
 - “ Session Id