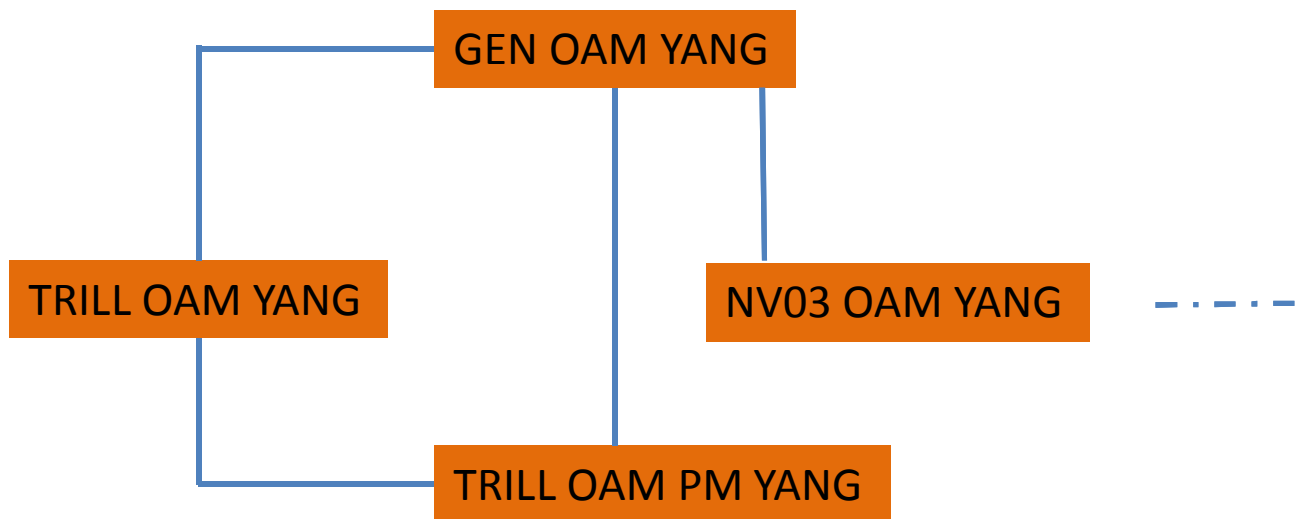


TRILL OAM PM Yang

# 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

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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