DRAFT YANG FOR CFM P802.1Qcx
INTRODUCTION

› Update to Ericsson’s draft of CFM YANG
› Merged RW and RO trees following NMDA
› Added Loopback
› Added Link Trace
› Other Updates
› Future work
Merged RW and RO Trees

NMDA
- Documents
  - Network Management Datastore Architecture
  - Guidelines for YANG Module Authors (NMDA)
    - Provides guidelines and an architectural framework for datastores
    - The IETF strongly advises following this approach

P802.1Qcx has been modified to support the approach

cfm-state branch no longer needed
- all nodes are under the same branch
LOOPBACK

- Added support for
  - Loopback reply messages
  - Transmit loopback messages

- Snip of tree →
  - Note: “…” means information removed for display purposes
LINK TRACE

- Added support for
  - Link Trace reply messages
  - Transmit Link Trace messages

- Snip of tree →
  - Note: “…” means information removed for display purposes
OTHER UPDATES

› Removed mep-list
  – Since mep* and active-rmep* are under ma-comp, no need for mep-list

› The port-id and chassis-id of CFM MEP ltr-entry refers to the remote-systems-data of LLDP module.

› Both if-index and if-index-or-zero are updated to if:interface-ref
FUTURE WORK

› Continue refinement based on further research and comments
› Guidelines for filling out Revision information is an open discussion
› Continue to monitor other IEEE YANG efforts
MODELS

› Attached to the PDF file
  – YANG
  – TREE

› In Acrobat Reader
  – View->Show/Hide->Navigation Panes->Attachments