DRAFT YANG FOR P802.1ABcu
INTRODUCTION

 › Draft model follows IEEE Std 802.1AB-2016”
 › NMDA Datastore guidelines followed
 › Removed mapping table and use dest-mac-address as the key
 › Moved operational data remote-systems-data to port
 › Discussion and further work
NMDA DATASTORE GUIDELINES FOLLOWED

› 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
  
› P802.1ABcu has been modified to support the approach
Removed mapping table dest-address, port and management-address-tx-port
– using dest-mac-address as the key
Moved remote-systems-data into port

Note: “…” means information removed for display purposes only.
DISCUSSION

› Concerns about the relationship of LLDP, network instance and interface

› Work in IETF (Routing working group draft on device model)
  – Has the following description
    › The bind-line-name and bind-network-instance-name leaves provide the association between an interface and its associated LNE and NI (e.g., VRF or VSI).
MODEL

› Attached to the PDF file
  - YANG
  - TREE

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