

Pseudo-Wire Emulation Edge-to-Edge MIBs update

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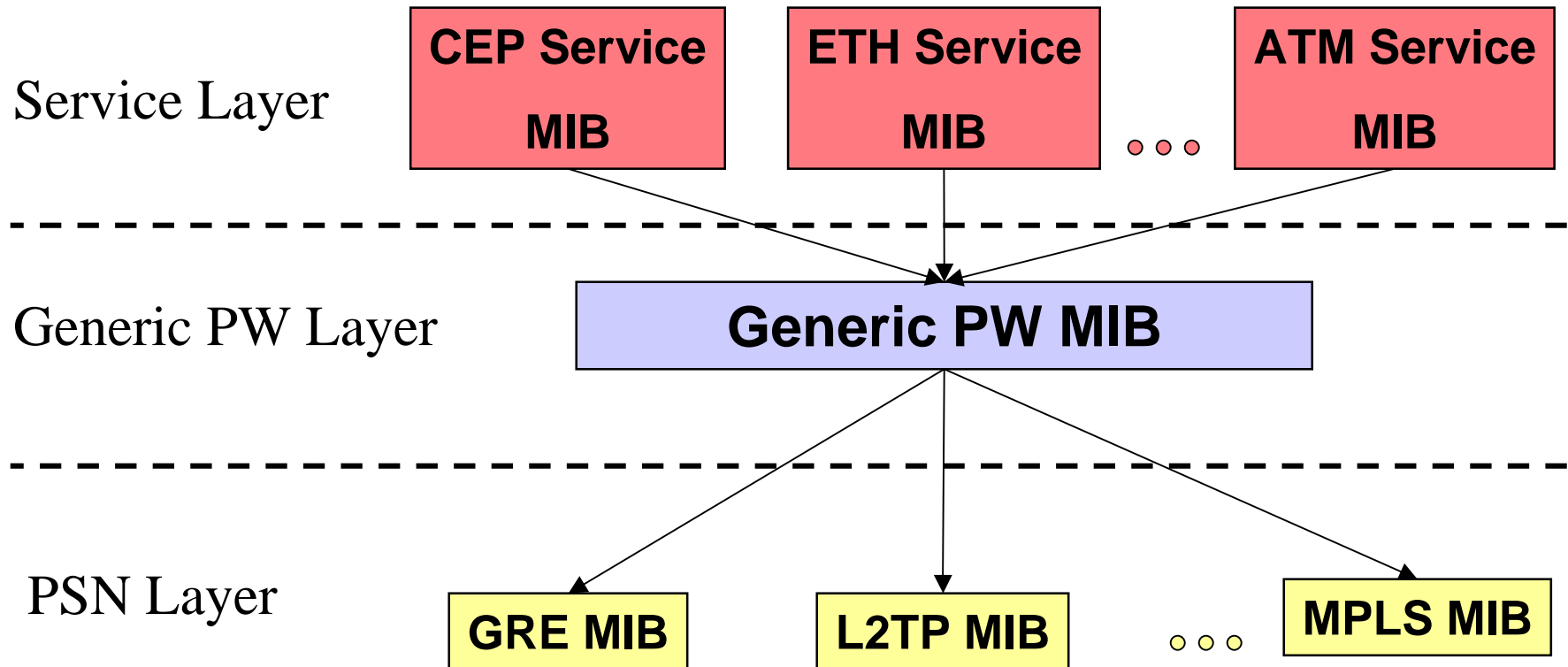
Marichetty Venkatesan

Ron Cohen

Sharon Mantin

IETF 55 – Atlanta November 2002

PWE3 - MIB concept

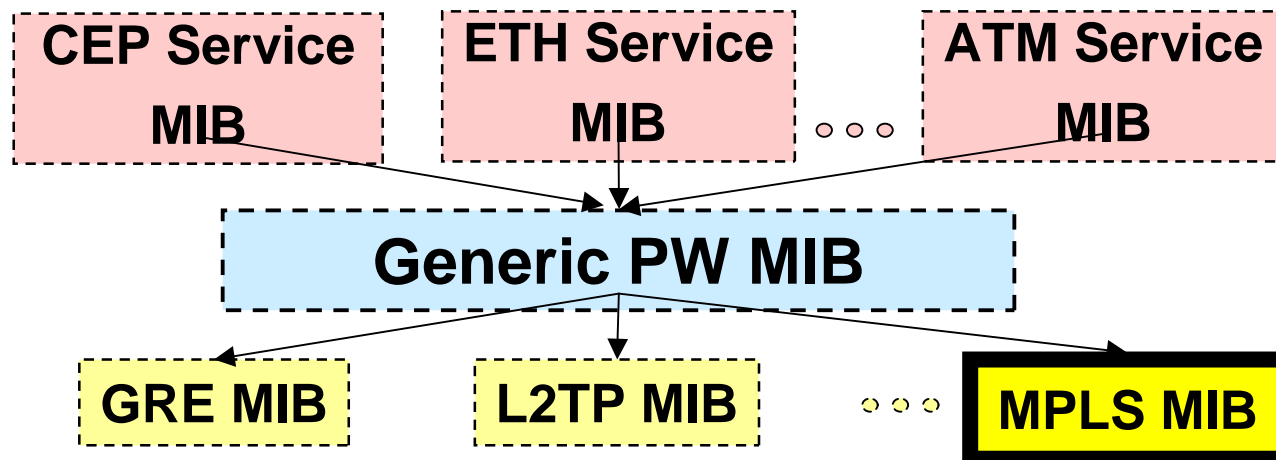


PW-MIB and PW-TC-MIB

- draft-ietf-pwe3-pw-mib-00.txt
- draft-ietf-pwe3-pw-tc-mib-00.txt
 - No change from last IETF
 - Very stable
- Waiting for control plane draft last call
- Service entity considered as addition
 - Useful for summarizing combined status of PW and physical layer

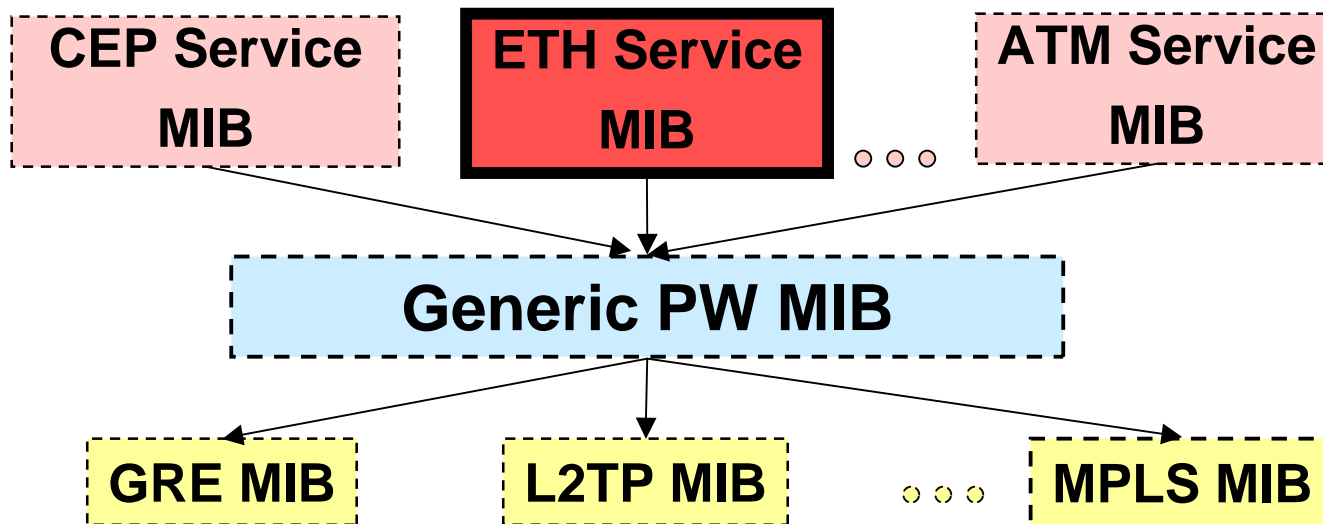
PW-MPLS-MIB

- draft-ietf-pwe3-pw-mpls-mib-00.txt
 - Support MPLS-TE, MPLS-LSR and VC only (no outer tunnel).
- Very stable
- TBD
 - Control of outer tunnel selection



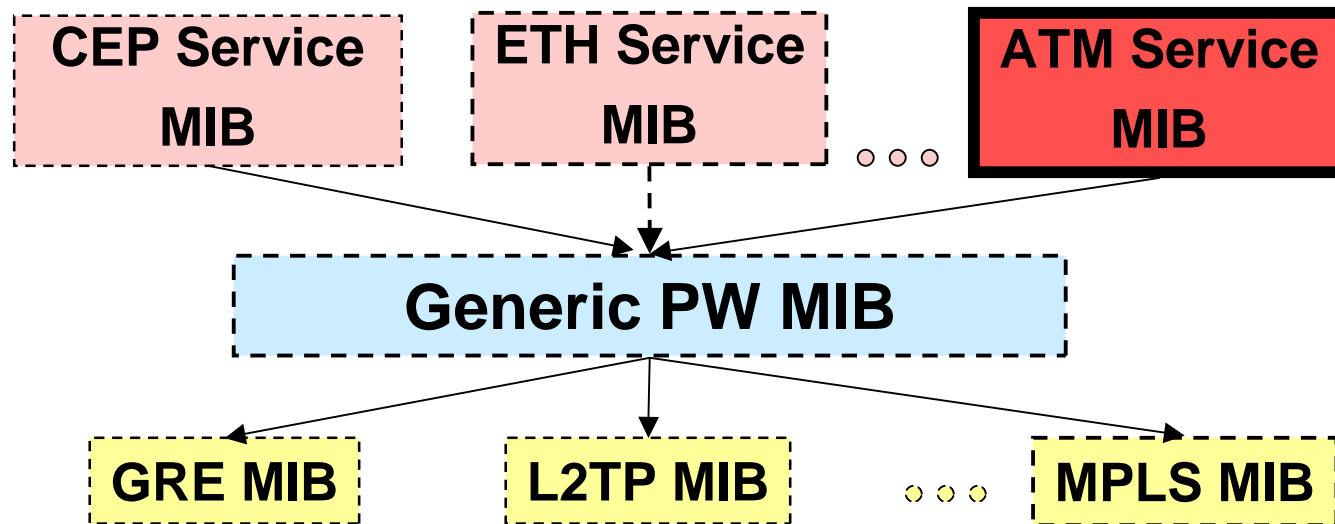
PW-ENET-MIB

- draft-ietf-pwe3-enet-mib-00.txt
 - Associate the VC to a physical or virtual interface (i.e. VPLS)
- Adapted to latest Ethernet emulation draft



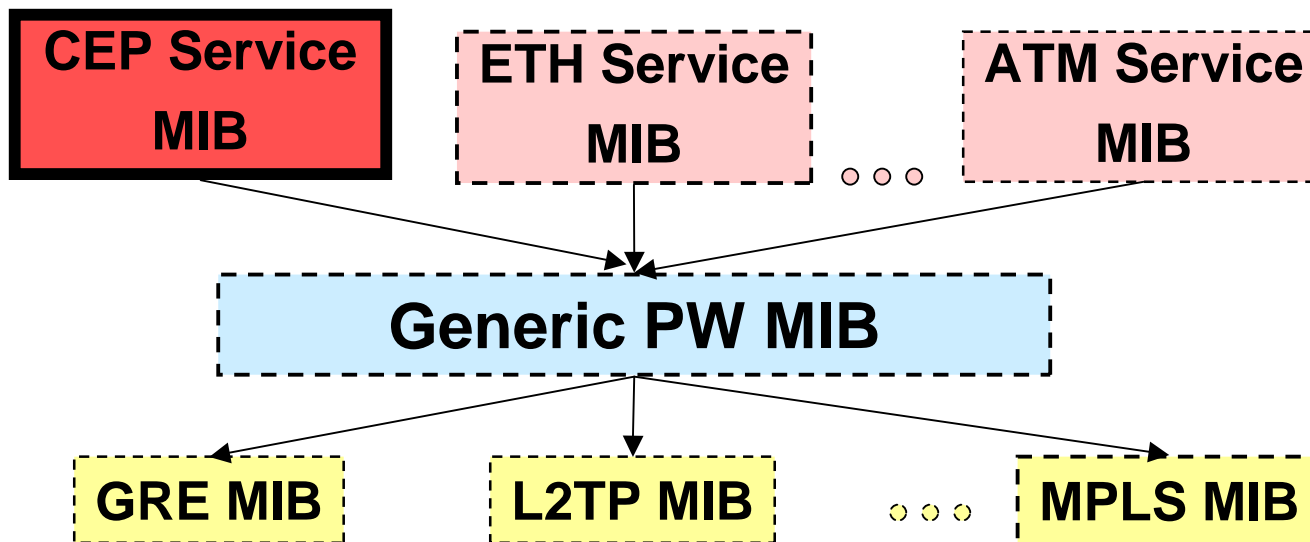
PW-ATM-MIB

- draft-sathappan-pw-atm-mib-00.txt
- Expired, will be re-spun



PW-CEP-MIB

- draft-ietf-pwe3-cep-mib-01.txt
- Cleanup of unused/implementation specific objects
- Added VT and fractional SPE support



Summary

- **MIB structure stable**
- **Implementation experience exists**
 - Need more inputs
- **Future additions:**
 - Notifications - Service level and VC level
 - Use cases will follow
 - Cleanup based on implementation experience
- **FR coming soon**
- **Good timing for MIB doctor review**