

# PWE3 Applications & OAM Scenarios

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# What is in this draft ?

**First presented during last IETF in Minneapolis (march 2005)**

**The purpose of this document are the following:**

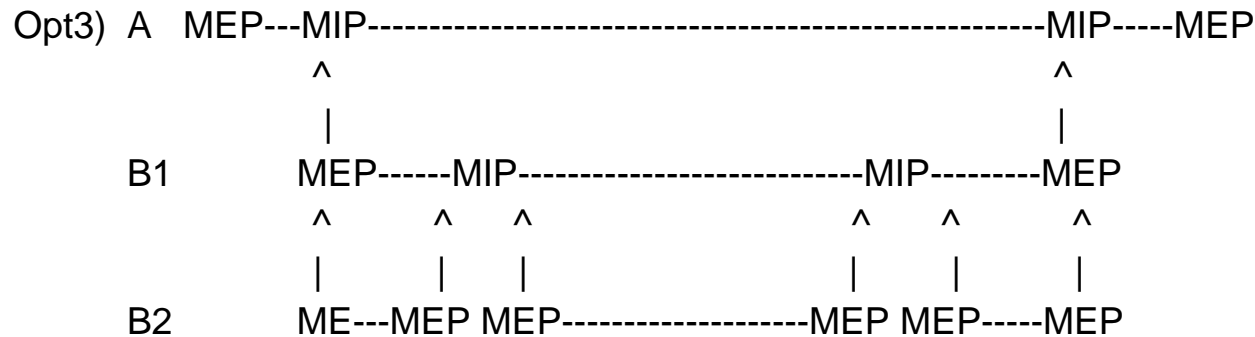
- **To extend the PWE3 architecture reference model by including a detailed model of the access portion of the network (section 5)**
- **To provide additional requirements as well as a framework for PWE3 Operation Administration and Maintenance (OAM) (section 6)**
- **To provide applicability guidelines for the on going OAM work by describing different implementation solutions (section 7).**

# What is in this draft ? - II

- Leveraging the work done in IEEE 802.1ag and ITU SG15/Q5 Eth-OAM, for extending the concept of OAM domains (hierarchy and/or peering) for PWs and interaction of OAM messages from among these domains based on different scenarios.

# What is in this draft ? - III

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# From previous Version

## **More co-authors have been added to the draft:**

- A. Sajassi (Cisco Systems), D. Mohan (Nortel Networks), V. Radoaca (Consultant)

## **Updates are the following:**

- Use of a common terminology with the L2VPN OAM Requirements and Framework document (L2 VPN WG document)
- Update most sections for clarity (Terminology section, Renumbering, etc.)
- Add several references to explain how this document fits in the current PWE3 work.
- Add of an acknowledgment section including the following people: M. Morrow (Cisco Systems), T. Nadeau (Cisco Systems), M. Aissaoui (Alcatel), Y. Stein (RAD), R. Spencer (BT), D. McDysan (MCI)

# Conclusion & Next Steps

**This draft presents a common view among SPs and Vendors by introducing generic OAM models that complement current work on OAM.**

**There was a good feedback from the WG during the last IETF in Minneapolis.**

**The authors would like to ask the WG to make this document a WG document**