

# PWE3 Working Group

## IETF-82

Andy Malis [andrew.g.malis@verizon.com](mailto:andrew.g.malis@verizon.com)

Matthew Bocci [Matthew.Bocci@alcatel-lucent.com](mailto:Matthew.Bocci@alcatel-lucent.com)

Secretary: David Sinicrope [David.Sinicrope@ericsson.com](mailto:David.Sinicrope@ericsson.com)

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# PWE3 Agenda – Wed 16<sup>th</sup> Nov. 09:00-11:30

20 min - Agenda bash, WG Agenda and Status - Andy MALIS and Matthew BOCCI

10 min - Encapsulation Methods for Transport of Fibre Channel Traffic over MPLS Networks - David BLACK

10 min - Pseudowire Control Word Negotiation Mechanism Analysis and Update - Lizhong JIN

10 min - MAC Address Withdrawal over Static Pseudowire - Sami BOUTROS

10 min - Definition of P2MP PW TLV for LSP-Ping Mechanisms - Sami BOUTROS

10 min - Pseudowire Redundancy on S-PE - Jie DONG

10 min - Pseudowire Communities - Wim HENDERICKX

10 min - LDP extensions for Explicit Pseudowire to transport LSP mapping - Mach CHEN

10 min - IPv6 PW LSP Ping - Mach CHEN

10 min - Transparent Interconnection of Lots of Links (TRILL) over an MPLS PSN (Packet Switched Network) - Donald EASTLAKE

10 min - Shortest Path Bridging (SPB) over an MPLS Packet Switched Network - Lucy YONG

10 min - CP extension for the MSP application - Yuxia MA

# PWE3 WG Status

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# Goals and Milestones

- Done - PWE3 WG started, organize editing teams.
- Done - Hold interim meeting, including discussion of priority of service-specific documents and consider pruning some deliverables
- Done - Accept drafts of service-specific documents as WG items
- Done - PW Requirements Document Last Call
- Done - TDM Circuit Documents Last Call
- Done - ATM Documents Last Call
- Done - Ethernet Documents Last Call
- Done - Fragmentation LC
- Done - TDM Requirements LC
- Done - SONET Documents Last Call
- Done - TDM Documents Last Call
- Done - Frame Relay Documents Last Call
- Done - FCS retention Last Call
- Done - Multi-Segment PW Requirements LC
- Done - VCCV LC
- Done - PWE3 Services MIBs LC
- Done - PPP/HDLC PW LC
- Done - Wildcard FEC LC
- Done - TDM Signaling LC
- Done- Multi-Segment Architecture LC
- Done - Basic Pseudowire MIBs LC
- Done - PW OAM Mapping LC
- Done - Multi-Segment PW LC
- Done - PW Protection and Restoration Requirements LC
- Done - PW Protection and Restoration Architecture
- Done - Generic Associated Channel Header LC
- Done - PW Protection and Restoration LC
- Done - Fiber Channel Encap LC
- Done - Multipath PW LC
- June 2011 - Packet PW Requirements / solution
- June 2011 - P2MP Requirements LC
- June 2011 – PW Status signalling in static/MPLS-TP
- July 2011 - Dynamic MS PW LC
- Sept 2011 - Enhanced PW OAM
- Sept 2011 – Signaling extensions for MPLS-TP OAM
- Sept 2011 - Multisegment PW MIB
- Sept 2011 - Security Considerations LC
- Sept 2011 – Congestion Considerations
- Sept 2011 - P2MP PW Signaling (rootinitiated)
- Dec 2011 – P2MP PW Signaling (leaf initiated)

**To be updated!!**

# Document Status 1

- New RFCs since last IETF:
  - RFC 6310 – OAM Message Mapping
  - RFC 6391 – FAT PW
  - RFC 6423 – GAL in PW
- draft-ietf-pwe3-fc-encap
  - Held in rfc-ed queue with miss-ref
  - On agenda

# Document Status 2

- draft-ietf-pwe3-p2mp-pw-requirements
  - Went through WG LC, but needed editorial work before progressing to IESG. Editors have now uploaded new v05.
  - Now with Stewart
- draft-ietf-pwe3-mpls-eth-oam-iwk
  - Working group last call prior to Prague IETF
  - Chairs appointed expert reviewers and document shepherd (Matthew)
  - Authors to address comments before progressing
  - We are awaiting the update!

# Document Status 3

- draft-ietf-pwe3-dynamic-ms-pw
  - ER TLV and procedures split into new WG draft:
    - draft-ietf-pwe3-mspw-er-00
  - Base draft ready for LC?
- draft-ietf-pwe3-ldp-aii-reachability
  - Waiting for Dynamic MS-PW



# Document Status 4

- PW redundancy drafts:
  - draft-ietf-pwe3-redundancy
  - draft-ietf-pwe3-redundancy-bit
  - With Stewart
- VCCV Implementation Survey
  - draft-ietf-pwe3-pw-vccv-impl-survey-results-00
  - Ready for WG LC?

# Document Status 5

- draft-ietf-pwe3-packet-pw
  - Needs revised ID following LC comments
- draft-ietf-pwe3-p2mp-pw
  - On agenda
- draft-ietf-pwe3-static-pw-status
  - Comments / Discusses from IESG review
  - Resolution is on-going
- draft-ietf-pwe3-cbit-negotiation
  - On agenda

# Document Status 6

- draft-ietf-pwe3-iccp
  - On-going
- New working group drafts:
  - draft-ietf-pwe3-oam-config-00
    - Assuming VCCV-2 is adopted, will need alignment with VCCV-2 capability advertisement (section 7 in oam-config)
    - Scopes may need alignment as well
  - draft-ietf-pwe3-status-reduction-00.txt
- Calls for adoption:
  - draft-nadeau-pwe3-vccv-2-02.txt
    - Chairs would like to see discussion on the list resolved before moving forward