

Pseudo Wire Emulation Edge to Edge (pwe3)

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MONDAY, August 2, 2004 (1530-1730)

CHAIR: "Danny McPherson" <danny@tcb.net>  
"Stewart Bryant" <stbryant@cisco.com>

AGENDA:

5 min Administrivia

Chairs (Stewart & Danny)  
Agenda Bashing  
Minutes  
Blue Sheets

10 min WG Document Status & Charter Update

Danny McPherson <danny@tcb.net>  
Stewart Bryant <stbryant@cisco.com>

5 min PW Control Word & MPLS BCP

Stewart Bryant & Danny McPherson  
<http://www.ietf.org/internet-drafts/draft-bryant-mcpherson-pwe3-cw-00.txt>  
Discussion: PW Control Word Draft and request to make WG doc.

10 min PWE3 OAM Message Map

Thomas D. Nadeau <tnadeau@cisco.com>  
<http://www.ietf.org/internet-drafts/draft-ietf-pwe3-oam-msg-map-00>  
Discussion: \*\*\*

5 min ITU-T Update

Thomas Walsh <tdwalsh@lucent.com>  
Discussion: ITU-T approves X.84 Frame Relay Service over  
MPLS based on PWE3 work. Also, sent liaison to PWE3.

10 min RSVP-TE for Multi-hop PWs

Rahul Aggarwal <rahul@juniper.net>  
<http://www.ietf.org/internet-drafts/draft-raggarwa-rsvpte-pw-00.txt>  
Discussion: The draft explains how RSVP-TE can be used for  
setting up multi-hop PWs with QoS. Its directly applicable to  
PWE3. Hence the request for the slot. The intention would be to  
introduce the concept and have a discussion on this.

10 min PW Switching (Inter-provider/AS PWs)

Luca Martini <luca@cisco.com>  
<http://www.ietf.org/internet-drafts/draft-martini-pwe3-pw-switching-00.txt>

Discussion: PW switching ID. Draft describes how to switch pseudo wires (PW) between two distinct control planes or PSN domains. The PW control planes may belong to independent autonomous systems, or the PSN technology is heterogeneous, or a PW might need to be aggregated at a specific PSN point.

10 min           PWE3 QOS Signaling

Himanshu Shah <hshah@ciena.com>

<http://www.ietf.org/internet-drafts/draft-shah-pwe3-qos-signaling-00.txt>

Discussion: Plan to discuss the requirement, the mechanism and applicability (such as congestion avoidance) for QOS signaling over Pseudowire. I may discuss how proposed mechanism contrasts with other alternatives.

10 min           Dry-Martini

Ping Pan <ppan@hammerheadsystems.com>

<http://www.ietf.org/internet-drafts/draft-pan-pwe3-over-sub-ip-00.txt>

Discussion: \*\*\*

15 min           CESoPSN and WG LC (10 mins)

Sasha Vainshtein <sasha@axerra.com>

<http://www.ietf.org/internet-drafts/draft-ietf-pwe3-cesopsn-01.txt>

Discussion: Summary and proposed resolution of open issues following the CESoPSN WG LC.

TDM Extensions to PWE3 (5 mins)

<http://www.ietf.org/internet-drafts/draft-vainshtein-pwe3-tdm-control-protocol-extension-01.txt>

Discussion: Update on the TDM Extensions to the PWE3 control protocol. Would like to ask WG to make WG item.

15 min           TDMoIP Updates (10 mins)

Yaakov Stein <yaakov\_s@rad.com>

<http://www.ietf.org/internet-drafts/draft-ietf-pwe3-tdmoip-02.txt>

Discussion: TDMoIP Updates, including use of flags and OAM/VCCV PWE3 and UDP/IP Issues (5 mins)

<http://www.ietf.org/internet-drafts/draft-stein-pwe3-udp-00.txt>

Discussion: \*\*\*

5 min    IP Pseudowire Encapsulation

Florin Balus <balus@nortelnetworks.com>

<http://pwe3.tcb.net/draft-balus-pwe3-ip-pseudowire-00.txt>

Discussion: Discuss the motivation and mechanisms for encapsulating CE's IP data over IP Pseudowire.

5 min    PWE3 Control Protocol Extensions

Mr. Cagatay Buyukkoc <du.ke@zte.com.cn>

<http://www.ietf.org/internet-drafts/draft-yudong-pwe3-control-protocol-ext-00.txt>

Discussion: The draft explains how a reflection can work as a signal intermediate hop or data plan intermediate hop of PW to address the scaling problem issued by full mesh of LDP sessions and PSN tunnel.

5 min Wrap-up  
Chairs