Broadband Forum Liaison To:
IEEE P1904.2 Working Group
Glen Kramer – Working Group Chair - gkramer@broadcom.com

From:
Christophe Alter
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Liaison Communicated By: Lowell Lamb (lamb@broadcom.com)

Date: 20th of October, 2014
Subject: FTTdp configuration and monitoring via extended OAM (eOAM)

Dear Dr. Kramer,

We are writing to follow-up on the previous liaisons between Broadband Forum and P1904.1 about "VDSL2 configuration and monitoring via extended OAM (eOAM)" and to provide a status of our work after the very interesting joint workshop that we had in Louisville on June 26th, 2014.

In the context of its projects WT-301 on Fiber to the Distribution Point, and WT-318 on FTTdp Management, the Broadband Forum has considered a variety of potential solutions for remote management of the Distribution Point Units (DPUs), including the P1904.2 proposal to define a new encapsulation of management protocols over Ethernet.

As a result of the BBF deliberations, it appeared that the use of NetConf over IP, with IPv6 link local addresses between the Permanent Management Agent (PMA) and the DPUs, will best suit the requirements for DPU management to enable interoperability in a timely manner. NetConf standards and open source implementations already exist. The Broadband Forum will develop YANG data models for the DPU interoperability.

Therefore, the Broadband Forum currently has no identified use case for configuring and monitoring FTTdp interfaces through eOAM.

We very much appreciate the collaboration between our groups and will continue to keep you apprised of any future developments that may be of joint interest.

Very truly yours,

Christophe Alter,
Broadband Forum Technical Committee Chair

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Date of Upcoming Broadband Forum Meetings

A list of upcoming meetings can be found at http://www.broadband-forum.org/meetings/upcomingmeetingsataglance.php