

IEEE 802.3 SPMD SG AdHoc meeting DATE

Prepared by Peter Jones

Presentations posted at:

<http://www.ieee802.org/3/SPMD/index.html>

Agenda/Admin Peter Jones:

Meeting began at 7:05am PT.

1. Reviewed the Attendance information related to the ad hoc(s).
 - a. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
2. Reviewed agenda.
3. Displayed pre-par slide deck, reviewed participation conditions.
<https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.ppt>
<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0093-05-0PNP-ieee-802-participation-slide-ppt.ppt>

Presentations/Discussion.

Progressing the study group

Chad Jones **Cisco**

- Updated the group on meetings etc
- Discussed how to progress the group

TMPRs and Bridges

Peter Jones **Cisco**

- Ranging and TMPR?
- Resolving which PSE is active on a segment? Same as active standby?
- TPMR count limit, expected delay
- cut through vs store & forward on a bridge
- Approved PAR scope is PHY layer, not MAC or TMPR – look at clause 802.3 clause 13 re topology and also TMPR spec re remote access to PHY management objects.

PLCA Node ID Allocation Strawman

Peter Jones **Cisco**

- Review existing 802.3 LLDP usage
- LLDP across multiple mixing segments
- Does the interaction with LLDP need a bigger scope PAR?

Suggested “What Next Topics” discussion

- Powering – some items to think about.
 - Power up/inrush
 - Standby PSE
 - Power allocation - LLDP (Peter)
 - PD presence detect - presence pulse (Heath Steward)
 - Commonality of PtP and MD powering – power coupling network structure/economic feasibility
 - Inductance/capacitance per node

Meeting closed – ~8:45 PT

Attendees (from Webex + emails)

Name	Employer	Affiliation	Attended 04/08
Gideon Intrater	Adesto	Adesto	y
Heath Stewart	Analog Devices	Analog Devices	y
Cornelia Eitel	Belden	Belden	y
Chad Jones	Cisco	Cisco	y
Clark Carty	Cisco	Cisco	y
Peter Jones	Cisco	Cisco	y
George Zimmerman	CME Consulting	CME Consulting(*)	y
Masood Shariff	CommScope	CommScope	y
Dave Hess	CordData	CordData	y
James Withey	Fluke	Fluke	y
Matthias Fritsche	Harting	Harting	y
Geoff Thompson	Independent	Independent	y
David Hoglund	Johnson Controls	Johnson Controls	y
Ari Kattainen	Kone	Kone	y
Gergely Huszak (Kone)	Kone	Kone	y
Bruce Nordman	Lawrence Berkeley National Laboratory	Lawrence Berkeley National Laboratory	y
Arkadiy Peker	Microchip	Microchip	y
Tim Baggett	Microchip	Microchip	y
Rory Buchanan	Onsemi	Onsemi	y

Thorrsten Hoffleit	Renesas	Renesas	y
Wojciech Koczwara	Rockwell Automation	Rockwell Automation	y
Steve Sedio	TDK	TDK	y
Paul Vanderlaan	UL	UL	y
Scott Wade	WadeLux/DiiA	WadeLux/DiiA	y
Attendees			24