

Minutes of the 802.1 Plenary meeting held in Dallas, 10-13 November 2008

Attendees

<u>Last Name</u>	<u>First Name</u>	<u>Affiliation</u>	<u>Sign- ins</u>
Alon	Zehavit	Nokia Siemens Networks	8
Bajko	Gabor	Nokia	1
Bjorkman	William	Verizon	1
Boatright	Robert	HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED	2
BONNAMY	Jean-Michel	France Telecom	7
Bottorff	Paul	Nortel Networks	5
Busch	Alexander	BMW Group	6
Carlson	Craig	QLogic Corporation	7
Chang	Amy	Xilinx, Inc.	1
Cheng	Weiyang	Tellabs	7
Cherukuri	Rao	Juniper Networks, Inc.	4
Choi	Jin-Seek	Hanyang University	8
CHOI	WOO	ETRI - Electronics and Telecommunications Research Institute	8
Congdon	Paul	Hewlett-Packard Development Company, L.P.	7
Connor	Donald	FUJITSU	6
Crupnicoff	Diego	Mellanox Technologies	6
Davari	Shahram	TPACK	2
DeSanti	Claudio	Cisco Systems, Inc.	7
Ding	Zhemin	Ericsson	8
Dunbar	Linda	Huawei Technologies Co., Ltd.	8
Elie-Dit- Cosaque	David	ALCATEL-LUCENT	6
Farkas	Janos	Ericsson	7
Fedyk	Donald	Nortel Networks	7
Finn	Norman	Cisco Systems, Inc.	2
Florit	Lionel	Cisco Systems, Inc.	7
Frazier	Robert	Ericsson	5
Fuller	John	CONSULTANT	7
Garner	Geoffrey	Broadcom Corporation	7
Ghanwani	Anoop	Brocade Communications	7
Godbole	Avanindra	Juniper Networks, Inc.	6
Goetz	Franz	Siemens	4
Gravel	Mark	Hewlett-Packard Development Company, L.P.	7
Gray	Eric	Ericsson	7
Grewal	Karanvir	Intel Corp	5
Guan	Yanfeng	ZTE Corporation	1
Gunther	Craig	HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED	8
Gusat	Mitch	IBM	7

Haddock	Stephen	Stephen Haddock	6
Hudson	Charles	Hewlett-Packard Development Company, L.P.	6
Jeffree	Anthony	Cisco Systems, Inc.	7
Jha	Pankaj	Foundry Networks, Inc.	6
Jones	Girault	Apple Computer, Inc.	7
Jost	Thomas	Vitesse Semiconductor Corporation	8
		ETRI - Electronics and Telecommunications Research	
		Institute	4
Kang	Taekyu		
Karandikar	Abhay	Tejas Networks India Ltd/IIT Bombay	8
Kashyap	Prakash	Extreme Networks	5
Kilcrease	Keti	Cisco Systems, Inc.	6
Kim	Yongbum	Broadcom Corporation	1
Klein	Philippe	Broadcom Corporation	7
Kumar	Vinod	Tejas Networks Ltd	7
Kwan	Bruce	Broadcom Corporation	7
Laihonen	Kari	TeliaSonera	8
Lemon	John	ADTRAN Inc.	2
Lerer	Michael	Soapstone Networks	7
Lipshteyn	Marina	Voltaire	7
Loewen	Jonathan	PMC-Sierra, Inc.	1
Loh	Zhi-Hern	Fulcrum Microsystems, Inc.	5
MACE	Gael	Thomson, Inc.	7
Mack-Crane	Thomas	Huawei Technologies Co., Ltd.	7
Martin	David	Nortel Networks	8
Mayhew	David	Advanced Micro Devices - AMD	5
Mcguire	Alan	British Telecom (BT)	7
McIntosh	James	Vitesse Semiconductor Corporation	7
Menuchehry	Menu	Marvell	8
Messenger	John	ADVA Optical Networking Ltd.	7
Montenegro	Gabriel	Microsoft	7
Mora	Matthew	Apple Computer, Inc.	6
Multanen	Eric	Intel Corporation	7
Nolish	Kevin	Ericsson	7
Noseworthy	Bob	University of New Hampshire	5
		HARMAN INTERNATIONAL INDUSTRIES,	
		INCORPORATED	7
Olsen	David		
Pannell	Donald	Marvell	6
Parsons	Glenn	Nortel Networks	7
Pearson	Mark	Hewlett-Packard Development Company, L.P.	8
Pelissier	Joseph	Cisco Systems, Inc.	4
pritikin	max	Cisco Systems, Inc.	6
Ramanathan	Ramasamy	Juniper Networks, Inc.	7
Randall	Karen	NSA/IAD	6
Rhee	June-Koo	ICU-Information and Communications University	1
Rohde	Derek	QLogic Corporation	5
Romascanu	Dan	Avaya Inc.	7
Rouyer	Jessy	ALCATEL-LUCENT	8
Ryu	Hyunsurk	Samsung Electronics	6
Sadler	Jonathan	Tellabs	6
Sajassi	Ali	Cisco Systems, Inc.	5
Salowey	Joseph	Cisco Systems, Inc.	6

Saltsidis	Panagiotis	Ericsson		7
Sathe	Satish	Brocade Communications		5
Seaman	Michael	CONSULTANT		6
Sefidvash	khorvash		802.3	1
Sen	Jaydip	Tata Consultancy Services Limited		1
Seto	Koichiro	Hitachi Ltd.		7
Shah	Himanshu	Ciena Corporation		6
Shay	Gregory	Telos Systems Inc		4
Stanton	Kevin	Intel Corporation		6
Sultan	Robert	Huawei Technologies Co., Ltd.		7
Suzuki	Muneyoshi	NTT Communications		8
Teener	Michael	Broadcom Corporation		7
Terry	John	Brocade Communications		7
Thaler	Patricia	Broadcom Corporation		7
Thorp	Oliver	FUJITSU		5
Vaidya	Niranjan	Broadcom Corporation		7
Wadekar	Manoj	QLogic Corporation		6
Wang	Xi	Fujitsu Laboratories of America, Inc.		3
Wang	Yan	Huawei Technologies Co., Ltd.		4
Warren	Niel	Apple Computer, Inc.		7
Weis	Brian	Cisco Systems, Inc.		6
white	martin	Marvell		5
Winkel	Ludwig	Siemens		1
	CHIEN-			
WU	HSIEN	Broadcom Corporation		7
Young	Ken	GridPoint, Inc.		7
Zorn	Glen	NetCube Technologies, Inc.		6

802.1 Opening Plenary

The slide set presented by the Chair, Tony Jeffree, can be found at:

<http://www.ieee802.org/1/files/public/minutes/2008-11-opening-plenary-slides.pdf>

AVB Task Group Minutes

Tue., Nov. 11, 2008 AVB Task Group

Michael Johas Teener issued the call for patents; no one responded.

Tony Jeffree led a discussion about the comments received on the recent 802.1Qav ballot.

Serge Fourcand gave a Timestamp-Based Synchronization presentation.

Geoff Garner led further comment resolution for 802.1AS.

Craig Gunther presented changes he is making to 802.1Qat.

Philippe Klein presented an overview of 802.11 QoS provisions.

Wed., Nov. 12, 2008 AVB TG with 802.11aa

Michael Johas Teener issued the call for patents; no one responded.

Ganesh Venkatesan gave a status update for 802.11aa

Graham Smith presented 802.11 document 1214r2, an 802.11 QoS Tutorial.

Craig Gunther presented 802.1 document at-cgunther-qat-status-1108.pdf, a status of Qat.

Tony Jeffree presented the 801.11Qav draft.

Wed., Nov. 12, 2008 AVB Task Group (without 802.11aa)

Michael Johas Teener issued the call for patents; no one responded.

Craig Gunther led a continued discussion of Qat (see document at-cgunther-msrp-qav-1108-v04.pdf).

Tony Jeffree continued the discussion of ballot comments on 802.1Qav.

Don Pannell led a discussion of the AVB Assumptions document.

Tony Jeffree continued the discussion of ballot comments on 802.1Qav.

Geoff Garner gave a presentation of document av-garner-maxburst-formulas-1108.pdf.

Dave Olsen gave a presentation of document avb-dolsen-1722-maap-1108.pdf.

Thur., Nov. 13, 2008 AVB TG with 802.11aa

Osama Aboul-Magd presented 802.11 document 1222r2 on 802.11/802.1Qat QoS interworking.

Kevin Stanton presented 802.1 document as-kstanton-8021AS-overview-for-dot11aa-1108.pdf.

Thur., Nov. 13, 2008 AVB Task Group (without 802.11aa)

Robert Boatright and Alex Busch led a discussion of automotive considerations.

Interworking TG Minutes

November 10, 2008 Interworking Task Group IEEE Plenary, Dallas

Meeting called to order at 9:00.

Stephen Haddock presented agenda for the week.

Presented patent policy slides. No response to the call for patents.

Mick Seaman discussed proposals for MSTP updates related to accommodating Shortest Path Bridging, fragile bridges, and the RSTP/MSTP merge to be done as part of Q-REV. The following papers were discussed:

<http://www.ieee802.org/1/files/public/docs2008/aq-seaman-merged-spanning-tree-protocols-1108.pdf>

<http://www.ieee802.org/1/files/public/docs2008/aq-seaman-fragile-bridges-0908.pdf>

Don Fedyk presented a status report on the 802.1aq Shortest Path Bridging document, and discussed a proposal for the ISIS digest:

<http://www.ieee802.org/1/files/public/docs2008/aq-fedyk-SPB-status-update-1108-v1.pdf>

<http://www.ieee802.org/1/files/public/docs2008/aq-fedyk-ISIS-data-models-1108-v1.pdf>

<http://www.ieee802.org/1/files/public/docs2008/aq-fedyk-ISIS-digest-summary-1108-v1.pdf>

<http://www.ieee802.org/1/files/public/docs2008/aq-fedyk-ISIS-digest-1108-v1.pdf>

Mick discussed the 802.1ah interpretation request he submitted regarding L2GP.

<http://www.ieee802.org/1/files/public/docs2008/ah-seaman-l2gp-interpretation-req-1008.pdf>

Recess at 11:50.

<No afternoon session of Interworking Task Group. 802.1 Plenary occupied the afternoon.>

November 11, 2008 Interworking Task Group IEEE Plenary, Dallas

Meeting called to order at 9:00.

Presented patent policy slides. No response to the call for patents.

Panagiotis (Panos) Saltsidis presented a status report on the 802.1Qay PBB-TE project, and led a comment resolution discussion on the working group ballot of draft 4.5. Results of last ballot: 24 approve and 5 disapprove out of 77 responses from 107 eligible voters. A total of 124 comments received with roughly a 70/30 split between editorial/technical comments. The latest document of the comments and their dispositions can be found at:

<http://www.ieee802.org/1/files/public/docs2008/ay-saltsidis-project-status-1108-v01.pdf>

<http://www.ieee802.org/1/files/private/ay-drafts/d4/802-1ay-D4-5-pdis-sc-v02.pdf>

Break for lunch at 11:50.

Resume at 1:00.

Linda Dunbar presented the status of the 802.1Qaw DDCFM project, and led a comment resolution discussion on the working group recirculation ballot on draft 3.2. Plan is to do another 802.1Qaw recirculation ballot prior to the January interim meeting, and to request

management protocol to be used is not mandated, or that a specific protocol is mandated (with the assumption that others may be supported as well). Results:

Don't mandate a specific protocol: 13

Mandate SNMP over Ethernet as a specific protocol to be supported: 2

Adjourn at 6:40pm.

November 13, 2008 Interworking Task Group IEEE Plenary, Dallas

Meeting called to order at 9:00.

Presented patent policy slides. No response to the call for patents.

The group discussed received liaison letters that are pertinent to Interworking. There were two liaisons from the IETF. Several people indicated interest in reviewing the TRILL document and may generate comments for a liaison response to be discussed at the March interim. Some discussion of the IS-IS liaison. That discussion will continue in the afternoon plenary session.

The liaisons from the MEF are available at the links below. The result of the discussion is that it may be possible to draft a response to be voted on in the afternoon plenary. Otherwise a response will be generated at the March plenary.

<http://www.ieee802.org/1/files/public/docs2008/liaison-mef-27028-002-liaison-to-802-1-drop-prec-mac-status-1108.doc>

<http://www.ieee802.org/1/files/public/docs2008/liaison-mef-27033-001-liaison-to-802-1-level-0-mip-creation-in-802-1aj-1108.doc>

John Messenger resumed the discussion to resolve comments received in the 802.1aj-d3.1 ballot.

Adjourn at 12:50am.

Security TG Minutes

<Not provided>

DCB TG Minutes

The agenda was reviewed and updated.

The chair presented the patent slides and gave the call for patents. There were no responses.

Presentations and discussion on 802.1Qau.

Anoop Ghawani presented au-ghawani-flowid-1008-v1.pdf on Flow ID

Mitch Gusat presented au-gusat-FbRq-v301.pdf on Network Monitoring Feedback Request

Rong Pan discussed a correction to the pseudo code au-rong-rate-limiter-installation-1108.pdf

The editor, Norm Finn, reviewed the status of the draft and led a discussion of open issues, au-nfinn-draft-1-3-issues-1108-v2.pdf

On Wednesday morning, we had a joint meeting with 802.3 regarding Qbb MAC Control. We reviewed the proposed PAR for the PFC MAC Control Frame, bb-thaler-pfc-frame-par, and that direction seemed generally acceptable.

The next topic was 802.1Qaz

Joe Pelissier presented on convergence of PFC, AVB, and ETS, bb-pelissier-convergence-proposal-1108.pdf

The editor, Craig Carlson, led a discussion on open issues in the draft.

Discussion of 802.1Qbb.

The editor, Claudio DeSanti, led a discussion on open issues in the draft.

The chair, Pat Thaler, presented the draft PAR for 802.3 MAC Control Frame for PFC for review and comment by the group. A motion will be made in 802.1 to approve to pre-circulation of the PAR including any edits from the January interim.

Joe Pelissier presented on the new topic of a service to dynamically assign MAC addresses to virtual devices, new-pelissier-Dynamic-MACs-1108.pdf

Draft progression:

Request approval for Working Group ballot on Qau based on comment resolution at the January interim.

Request approval for task group ballot on 802.1Qaz and 802.1Qbb.

Teleconferences: we will request that 802.1 approve continuing the CN and DCBX teleconferences.

802.1 Closing Plenary

The slide set presented by the Chair, Tony Jeffree, can be found at:

<http://www.ieee802.org/1/files/public/minutes/2008-11-closing-plenary-slides.pdf>