

Minutes of the 802.1 Plenary meeting held in Vancouver, 9-12 March 2009

Attendees

<u>SURNAME</u>	<u>First Name</u>	<u>Affiliation</u>	<u>Sign- ins</u>
Alon	Zehavit	Nokia Siemens Networks	4
Bialkowski	Jan	Infinera Corporation	7
Bonnamy	Jean-Michel	France-Telecom	7
Bottorff	Paul	Nortel Networks	6
Brandner	Rudolf	Nokia Siemens Networks	8
Carlson	Craig	QLogic Corporation	6
Chang	Yifeng	ZTE Corporation	1
Cheng	Weiyang	Tellabs	7
Cherukuri	Rao	Juniper Networks, Inc.	5
Connor	Don	Fujitsu Network Communications	7
cui	zhenlong	NEC Corporation	7
Desanti	Claudio	Cisco Systems, Inc.	7
Ding	Zhemin	Ericsson	8
Dunbar	Linda	Huawei Technologies Co., Ltd.	7
Elie-Dit-Cosaque	David	ALCATEL-LUCENT	4
Farkas	Janos	Ericsson	8
Fedyk	Donald	Nortel Networks	7
Finn	Norman	Cisco Systems, Inc.	8
Frazier	Robert	Ericsson	7
Fuller	John	John Nels Fuller	8
Garner	Geoffrey	Harman International, self	6
Ghanwani	Anoop	Brocade	7
Goetz	Franz	Siemens	7
GOFF	YANNICK	France Telecom	6
Gray	Eric	Ericsson	6
Grow	Robert	Intel Corporation	1
Gunther	Craig	HARMAN INTERNATIONAL INDUSTRIES, INC	8
Gusat	Mitch	IBM	7
Haddock	Stephen	Stephen Haddock	6
Hazarika	Asif	Fujitsu	6
Hudson	Charles	Hewlett-Packard Development Company, L.P.	7
Inslar	Romain	France Telecom	8
Jeffree	Anthony	Cisco, HP, Broadcom, Adva	7
Jha	Pankaj	Foundry Networks, Inc.	7
Karandikar	Abhay	Tejas Networks India Ltd/IIT Bombay	8
Kim	Yongbum	Broadcom Corporation	7
Klein	Philippe	Broadcom Corporation	8
Kumar	Vinod	Tejas Networks Ltd	8
Kwan	Bruce	Broadcom Corp	6
Laihonen	Kari	Teliasonera	8
Lakshmikantha	Ashvin	Broadcom Corporation	5
lili	jiang	ZTE Corporation	4
Mace	Gael	Thomson, Inc.	7
Mack-Crane	Ben	Huawei Technologies Co., Ltd.	7
Martin	David	Nortel Networks	6
Menuchery	Menucher	Marvell Semiconductors	7
Messenger	John	Adva Optical Networking Ltd	7
Montenegro	Gabriel	Microsoft	6

Morris	John	Spirent Communications	7
Multanen	Eric	Intel Corporation	6
Nolish	Kevin	Ericsson	5
Noseworthy	Bob	University of New Hampshire	2
Olsen	David	HARMAN INTERNATIONAL INDUSTRIES, INC	8
Parsons	Glenn	Nortel Networks	6
Pelissier	Joseph	Cisco Systems, Inc.	6
Porat	Hayim	Ethos Networks	6
Pritikin	Max	Cisco Systems, Inc.	6
Randall	Karen	NSA/IAD	5
Roese	Josef	Deutsche Telekom AG	7
Rouyer	Jessy	Alcatel-Lucent	7
Sadler	Jonathan	Tellabs	6
Sajassi	Ali	Cisco Systems, Inc.	6
Salowey	Joseph	Cisco Systems, Inc.	8
Saltsidis	Panagiotis	Ericsson	7
Sauer	John	Tellabs	6
Seaman	Michael	CONSULTANT	5
Seto	Koichiro	Hitachi Ltd.	7
Shao	Hong	ZTE Corporation	7
Sprecher	Nurit	Nokia Siemens Networks	6
Stanton	Kevin	Intel Corporation	4
Suzuki	Muneyoshi	NTT Communications	6
Teener	Michael	Broadcom Corporation	7
Thaler	Patricia	Broadcom Corporation	7
Ting	Ao	WG802.1	8
Wadekar	Manoj	QLogic Corporation	6
Wei	Yuehua	ZTE Corporation	7
Weis	Brian	Cisco Systems, Inc.	6
Welch	James	IneoQuest Technologies	4
Winkel	Ludwig	Siemens AG Global	1
Wu	Chien-Hsien	Broadcom Corporation	6
xue	li	Huawei Technologies Co., Ltd.	6
Young	Ken	GridPoint, Inc.	7
Younsi	Kari	University of New Hampshire InterOperability Laboratory	7
Zorn	Glen	Network Zen	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/2009-03-opening-plenary-slides.pdf>

Interworking TG Minutes

March 9, 2009 Interworking Task Group

IEEE Plenary, Vancouver

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.

Linda Dunbar presented the status of the 802.1Qaw DDCFM project, and led a comment resolution discussion on the sponsor ballot on draft 4.0. There were no disapprove ballots received. The comment resolution document will be posted:

<http://iee802.org/1/files/private/aw-drafts/d4//802-1aw-d4-0-dis-v2.pdf>

Recess at 12:15.

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

March 10, 2009

Interworking Task Group

IEEE Plenary, Vancouver

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 sponsor ballot of draft 5.0. The sponsor ballot passed with 53 approve, 2 disapprove, and 4 abstain out of 59 responses from 68 eligible voters. A total of 16 new comments received (in addition to 28 items that were included in the cover letter of the ballot). The latest document of the comments and their dispositions are posted on the web site:

<http://iee802.org/1/files/public/docs2009/ay-saltsidis-project-status-0309-v01.pdf>

<http://iee802.org/1/files/private/ay-drafts/d5//802-1ay-D5-0-dis-v01.pdf>

Kevin Nolish presented a status report and led comment resolution of the first task group ballot on 802.1H-REV-d0.1 (Recommended Practice for MAC Bridging of Ethernet).

<http://iee802.org/1/files/public/docs2009/h-rev-nolish-project-status-0309-v01.pdf>

<http://iee802.org/1/files/private/h-rev-drafts/d0//802-1h-rev-d0-1-pdis-v01.pdf>

Break for lunch at 12:05.

Resume at 1:00.

Tony Jeffree led comment resolution for the Working Group recirculation ballot of 802.1AB-REV-d5.0 (Link Layer Discovery Protocol), the task group ballot of 802.1ac-REV-d0.2 (MAC Service Definitions), and the task group ballot of 802.1-REV-d0.0 (Overview and Architecture). The comment resolution documents are posted:

<http://iee802.org/1/files/private/ab-REV-drafts/d5/802-1ab-rev-d5-0-pdis.pdf>

<http://iee802.org/1/files/private/ac-drafts/d0//802-1ac-d0-2-pdis.pdf>

<http://iee802.org/1/files/private/802-REV-drafts/d0/802-rev-d0-0-pdis.pdf>

Adjourn at 4:15pm.

March 11, 2009

Interworking Task Group

IEEE Plenary, Vancouver

Meeting called to order at 9:00.

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

Don Fedyk presented a status report on the 802.1aq Shortest Path Bridging document. Don and Janos Farkas then gave three presentations on specific SPB issues:

http://www.ieee802.org/1/files/public/docs2009/aq-fedyk-SPB-intro_0309_v1.pdf

<http://www.ieee802.org/1/files/public/docs2009/aq-farkas-allocation-0309.pdf>

http://ieee802.org/1/private/contrib/aq-fedyk-SPB-clause13_0309_v1.pdf

http://ieee802.org/1/private/contrib/aq-fedyk-SPB-config_0309_v1.pdf

Adjourn at 11:50 am.

Resume at 1:15 pm.

Stephen Haddock and Don Fedyk led a discussion on the IETF liaison request to comment on TRILL document. Don provided an outline of a potential response. Following the discussion this outline will be converted to the draft text of a liaison response letter.

Hayim Porat presented a proposal for new work on an E-NNI Registration Protocol:

<http://ieee802.org/1/files/public/docs2009/new-porat-E-NNI-Registration-protocol-0309-v03.pdf>

Vinod Kumar, Wei Yuehua (Corona), Ao Ting (Irene), and Ben Mack-Crane gave presentations on PBB-TE Segment Protection Switching:

<http://www.ieee802.org/1/files/public/docs2009/new-Vinod-Segment-Protection-PAR-0309-v01.ppt>

<http://www.ieee802.org/1/files/public/docs2009/new-weiyh-segment-protection-0309-v01.pdf>

<http://www.ieee802.org/1/files/public/docs2009/new-irene-segment-protection-requirements-0309-v02.ppt>

<http://ieee802.org/1/files/public/docs2009/new-sultan-segment-protection-requirements-0309.pdf>

Linda Dunbar gave a presentation on application of virtual bridge port concepts (similar to those being presented from the DCB task group) in provider networks:

<http://ieee802.org/1/files/public/docs2009/new-dunbar-PortMux-ApplicationInServiceProviderDomain-0309.pdf>

Adjourn at 5:40pm.

March 12, 2009 Interworking Task Group IEEE Plenary, Vancouver

Meeting called to order at 9:00.

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

Norm Finn presented a proposal for extending 802 standards to support an 802.11 “station bridge”, i.e. a 802.1 bridge with a 802.11 station (not Access Port) as one of its ports:

<http://www.ieee802.org/1/files/public/docs2009/new-nfinn-station-bridge-0309-v01.pdf>

Norm Finn presented a proposal for an I-SID registration protocol (MIRP):

<http://www.ieee802.org/1/files/public/docs2009/new-nfinn-mirp-0908-v02.pdf>

Adjourn at 12:50am.

802.1H Minutes

Discussion of ballot results for Draft 0.1 of 802.1H

Main Discussion Issues

1) The document needs to be fully reworked

The intention of the group to do a quick rework and reaffirmation of 802.1H with minimal changes to the text is not going to work. In particular, the acceptance by 802 of type based protocol discrimination in 802.3 networks completely changes the tenor of the document.

The current organization of the document as a set of increasingly more complicated fixes does not lend itself to a simple upgrade.

2) The terminology of the document needs to be changed

The new terminology will be "type-based" for frames performing protocol discrimination by carrying a 16 bit Ethertype value in the type/length field of the frame.

The term "LLC based" will be used for frames performing protocol discrimination by those frames using the 802.2 LLC mechanism or the LLC/SNAP mechanism.

802.1H Plan

The editors will do a major restructuring of 802.1H. The intention is to have this balloted for the May Interim.

AVB Task Group Minutes

<Not provided>

Security TG Minutes

IEEE 802.1 Security Task Group, March 10th-11th 2009, Vancouver, BC

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Minutes:

The meeting opened at 9.00 a.m. on Tuesday March 10th, 2009, chaired by Mick Seaman, Security TG Chair. Morning and afternoon sessions were held. The patent policy slides were shown.

The agenda for the meeting would be as previously presented by the TG chair at the 802.1 opening plenary. Two subjects would be considered:

1. Working Group recirculation ballot resolution on P802.1X-REV D3.8
2. Working Group recirculation ballot resolution on P802.1AR D2.0

The decisions by the task group on the ballot comments are recorded in the dispositions of comments for these two documents, and are not duplicated in these meetings. No additional subjects were discussed. No votes or straw polls were taken in the task group, formal progression of the work is recorded in motions taken in the closing 802.1 plenary and recorded in the minutes of that plenary.

The discussions for the two documents were lead by their respective editors.

The meeting continued on Wednesday March 11th at 9:00 a.m.

The TG chair showed the patent policy slides.

Discussion of the two ballot resolutions was resumed.

The meeting agreed, none dissenting, that it would be appropriate to send both documents for a further WG recirculation ballot to confirm the proposed changes. The scope of the changes being limited it was further agreed that it was likely that there would only be a brief discussion at the May interim, if it was possible to conclude the recirculation ballot before that meeting, otherwise the next time the task group would meet would be at the July plenary in San Francisco [post meeting note: in the event the TG did not meet during the May 802.1 interim].

The business of the task group being concluded on Wednesday afternoon, the meeting ended.

Minutes recorded by Mick Seaman, TG chair.

DCB TG Minutes

Minutes of 802.1 DCB meeting 3/10/2009

The meeting was called to order by Pat Thaler at about 9:00am.

Pat reviewed the patent policy and provided some quiet time for the group to contemplate its deeper meanings. Afterwards, Pat provided the opportunity for participants to provide patent claims to which there was no response.

Pat reviewed the antitrust policies.

The evening tutorials were reviewed.

The agenda was reviewed and agreed to.

Norm Finn led a discussion on Qau comment resolution

We broke from Qau comment resolution to discuss the response time to PFC pause (i.e. increasing the current specification of four pause quanta). Also discussed changing the specification to use a time unit (nanoseconds is a leading candidate) instead of pause quanta. Also discussed the additional time required for MACSEC including adjusting for preamble.

The meeting was adjourned at 6:00pm

Minutes of 802.1 DCB meeting 3/11/2009

The meeting was called to order by Pat Thaler at about 9:00am.

Pat reviewed reiterated that we have a patent policy that was reviewed yesterday.

Norm Finn continued with Qau comment resolution. Comment resolution was completed.

Claudio DeSanti led a discussion on Qbb comment resolution. Qbb comment resolution will need to be completed at the May meeting.

Joe Pelissier presented the following:

az-pelissier-DCBX-Bandwidth-0309v2
az-pelissier-applicationtlv-thoughts-0309
az-pelissier-convergence-proposal-0309
az-pelissier-dcbx-framework.0309
az-pelissier-percentproblem-0309

Minutes of 802.1 DCB meeting 3/12/2009

The meeting was called to order by Pat Thaler at about 9:00am.

Pat reviewed reiterated that we have a patent policy that was reviewed Tuesday.

Joe Pelissier presented az-pelissier-dcbxtlvs-0309

Manoj Wadekar presented az-wadekar-dcbx-simplification-proposal-0309

We don't yet have enough consensus on a DCBx approach to put it into the draft. The goal is to resolve this issue by the May meeting.

We reviewed the project status timelines and updated the schedule for Qaz and Qbb. See dcb-thaler-schedule-0309.pdf. We will request approval to go to Working Group ballot on Qau. Based on that we don't need to continue the Qau teleconference calls. We will request approval to continue DCBx calls.

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/2009-03-closing-plenary-slides.pdf>