Minutes of the 802.1 Plenary meeting held in San Francisco, CA, 12-17 July 2009

Attendees

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<th>SURNAME</th>
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<td>Jeffree</td>
<td>Anthony</td>
<td>Broadcom &amp; HP</td>
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<td>Jha</td>
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<td>Foundry Networks, Inc.</td>
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<td>Jones</td>
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802.1 Opening Plenary

Opening Remarks
How .1 operates
Review of IEEE 802 patent policy
The required slides were shown to the committee
Call for patents
No one spoke up
Discussion about the patent rules
Presentation materials
Interim meeting locations
September – Tuscany Tuesday 8th through Friday 11th
Volterra, Tuscany www.siafvolterra.eu
Show of hands who will be going – 35
January 2010
January 2009 had penalties
Need to decide dates for the meeting this week
Need to support sponsor that get into penalty position

Executive Report
IEEE agreement with ISO for registration authority is be renegotiated
Long term plan for 802.2 – allow it to lapse & refer to the ISO/IEC 8802-2 version (which has been “stabilized”)
March 2011 Plenary will be in Singapore
802.21 – discussing Scope change – have been “media independent group” Have been doing stuff like “Emergency Services.” They are doing some things that look a lot like 802.1. There will be more discussion Friday to discuss what to do with .21

Training material
Liaisons
802.11 joint meeting with AVB Thursday 8 – 10
ITU and BBF

PARS
http://www.ieee802.org/PARs.html - for other PARs

MIBs
Practice to date has been to support the development of SNMP MIB modules in 802.1 standards
- Few “MIB weenies” in the group
- Often poor/late review, leading to issues with closing ballots
- Access to the “standard” compilation/syntax checking tools is difficult
- Unclear to what extent SNMP MIB are essential (other techniques in use such as web tools)

So do we wish to continue MIB support, or do something else?

How important are MIBs in the market place?

Discussion
Depends upon standard – LLDP needs one but other standards might not
If there is a comment that states “need a MIB” then fine as long as the comment includes the MIB
Currently, it has been something of a policy that each standard must have a MIB
We need to have policy that lack of MIB cannot stop progress of a document
The solution is when the PAR is written determine if a MIB is needed
Need to think about using something else (XML)
We do need to maintain a protocol independent clause (12) that defines the management of the standard

What do we do with current projects?
- Amendments to Q will need to have MIB

Three ways to look at the problem
- Projects that do not need MIB
- Projects that need MIB
- Projects that could use a MIB but the project does not depend upon the MIB
  This case should be handled in the normal process i.e. if no MIB is provided then the document will not have a MIB

Do we really need a formal specification i.e. the MIB compiles and does anyone have an alternate to MIBs?
- Need formal methods and discussion about any alternatives
If anyone has examples and/or feedback about how MIBs are used in products from product groups it would be useful.

TG Minutes
TGs need to provide TG minutes

TG Agendas
Security – Mick Seaman
  .1X-Rev and .1AR recirculation ballot review
  .1AR purpose needs to be fixed
  .1AR will most likely go to sponsor ballot
  .1X-Rev will go to sponsor ballot
Internetworking – Steve Haddock
  Ballot comment review and new work items
DCB – Pat Thaler
Ballot comment review
AVB – Kevin Stanton
Edge Virtual Bridging – Pat Thaler
Modularization of Edge Virtual Bridging – Paul Congdon
Presentation is on the website
Edge Virtual Bridging: A potential simplification Joe Pelissier
Presentation is on the website
Discussion of the two proposals
It was decided to move forward with Paul’s approach

**Interworking TG Minutes**
July 13, 2009  Interworking Task Group  IEEE Plenary, San Francisco

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.

**802.1aq SPB:** Don Fedyk conducted comment resolution of 802.1aq-d2.0 Shortest Path Bridging task group ballot. The goal is to request a motion during the closing plenary to initiate Working Group ballot following this meeting.


Recess at 12:05.

**EVB:** At 4:00pm, following the 802.1 Opening Plenary, there was a joint meeting with the DCB and Interworking Task Groups on the subject of Edge Virtual Bridging. Paul Congdon and Joe Pelissier gave presentations describing their respective proposals for moving toward a draft PAR.


Adjourn at 6:00pm.

July 14, 2009  Interworking Task Group  IEEE Plenary, San Francisco

Meeting called to order at 9:00.
Presented patent policy slides. No response to the call for patents.

**802.1aj TPMR:** John Messenger conducted comment resolution of 802.1aj-d3.3 Two Port MAC Relay working group recirculation ballot. The plan is to request a motion during the closing plenary to initiate sponsor ballot prior to the September interim.


**802.1aq SPB:** Don Fedyk continued comment resolution of 802.1aq-d2.0 task group ballot.

Break for lunch at 12:15.

Resume at 1:30.

**802.1aq SPB:** Don Fedyk continued comment resolution of 802.1aq-d2.0 task group ballot.

Adjourn at 5:30pm.

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**July 15, 2009**  
**Interworking Task Group**  
**IEEE Plenary, San Francisco**

Meeting called to order at 9:00.

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

**MIRP:** Jin Seek Choi gave a presentation regarding MIRP and NMS registration issues:


**MIRP:** Norm Finn gave an update on MIRP issues:


Stephen Haddock presented the liaison letter received from the BBF regarding duplicate MAC addresses, and led a discussion on a possible response.


Adjourn at 11:40 am.

Resume at 1:00 pm.

**802.1aq SPB:** Don Fedyk continued comment resolution of 802.1aq-d2.0 task group ballot.

Adjourn at 5:25pm.
Meeting called to order at 9:00.

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

**MIRP:** Hayim Porat gave an update on his presentation from Pittsburgh regarding using MIRP to register I-SIDs at an E-NNI:


**802.1aq SPB:** Don Fedyk led an informal discussion to try to summarize conclusions from the week.

**EVB:** At 11:00am held a joint meeting with the Data Center Bridging Task Group to summarize the work done this week on drafting an Edge Virtual Bridging PAR.


Adjourn at 12:50am.

**AVB Task Group Minutes**

<None provided>

**Security TG Minutes**

IEEE 802.1 Security Task Group, July 14th-15th 2009, San Francisco, CA

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Tuesday AM July 14, Security Task Group
Patent Policy slide was shown to the group
Everyone is aware of the patent policy
Agenda
X Rev and 1AR

X Rev Ballot Results - Mick

Single disapprove and it was about the MIB. The syntax errors have been corrected and will be in the version that will be sent to Sponsor ballot.

Mick will put a note about disapprove and the fix with the doc to send the doc to sponsor ballot.

1AR – Max

The only outstanding disapprove is the PAR text issue (the purpose in the doc does not match the purpose statement in the PAR).

The plan – do these two things in parallel
  - Do the PAR modification
  - Forward the document to sponsor ballot with the disapprove and note the PAR modification is underway to fix the disapprove

Discussion about Brian’s comments
  - Security considerations comment – Brian will submit on sponsor ballot and provide the exact text to sort out the PublicKeyEnabled statement about security vulnerability

1X-Rev

- Review of Joe’s comments
- Review of Brian’s comments

Meet again tomorrow morning

Wednesday AM July 15 – Security

Patent Policy slide was shown to the group
  - Everyone is aware of the patent policy

Review the response to Dan’s disapprove vote on 802.1X-Rev
  - The requested changes have been made and can be balloted at sponsor ballot
  - Most likely there will be at least one recirculation sponsor ballot

We have to put the OID in the doc
  - Have to figure out what is the correct process
  - Mick will check with Tony to make sure things are sorted out and correct

Reviewing Dan’s comments to make sure everything is covered
  - Look’s like everything is covered
  - Mick will check with Frank to make sure the MIB warnings are sorted out

Joe’s email about clauses 8.1 and 8.3
  - Text to add at the end of the last paragraph of clause 8.1 to handle a potential sponsor ballot comment
  - Clause 8.3 sort out the behaviors of eapTimeout

Brian’s comments and concerns
  - Got Brian’s concerns sorted out

Discussion about logistics of sponsor ballot
  - Ballot runs thirty days
  - If things go well we could have recirculation ballot complete by November

Discussion about what is next after .1X-Rev and .1AR
  - There will be some maintenance issues coming up
DCB TG Minutes
Tuesday - 7/14/2009
- Morning
  - Pat Thaler: Agenda for the week was presented
  - Pat Thaler: IEEE patent slides were presented and call for patents was issued
  - Norm Finn: Presented QCN ballot results
    - legal vote achieved - 56% response rate
    - anticipates a recirculation ballot for next time
  - Marina Lipshytyn: presented "Differentiated QCN"
    - can CN implementation send CNMs biased towards flows with certain 'color'
  - Ashvin Lakshmikantha: QCN in Overlay Networks
    - a proposal for handling CNMs in layered networks
    - Continuing with previous presentation - how to combine PBB and CN
    - Choices between different forms of layer violations

- Afternoon
  - Abdul Kader Kabbani: QCN HW implementation presented
    - comparison with and without link Pause
    - comparison of BIC, New-Reno TCP with and without QCN
  - Norm Finn: Qau comment resolution
    - PAR is missing mention of DCBX - plan to amend PAR
  - Pat Thaler: Discussion of PBB options - straw poll w/ Chicago rules
    - Don’t support PBB networks - (votes: 1)
    - CP translates - creates correct CNM data format - (votes: 18)
    - I-component performs translation of CNM - (votes: 12)
      - § send frame data back in CNM - various choices available

- Evening
  - Discussion and work on the proposed Edge Virtual Bridging PARs

Wednesday - 7/15/2009
- Morning
  - Pat Thaler: Reminder of IEEE patent policy and slides
  - Craig Carlson: Qaz comment resolution
    - PAR is missing mention of DCBX - plan to amend PAR

- Afternoon
  - Craig Carlson: Finished Qaz comment resolution
  - Pat Thaler: Reviewed amended scope for Qaz PAR

Thursday - 7/16/2009
- Morning
  - Pat Thaler: Reminder of IEEE patent policy and slides
  - Norm Finn: Open issues with Qau
    - PBB - CNM discussion with Mick
    - Straw Poll - one vote per person this time
      - don’t do it - (votes: 1)
      - § BEB does transform (i.e. 2.1 draft) - (votes: 16)
        - □ Adjustable amount of header returned
- Pat declared consensus was for BEB does the transform, comment response updated to reflect that.
  - CN tag discussion
    § Straw poll on comment to remove CN-tag
    § Accept in principle (remove CN-tag) - (votes: 4)
    § Reject comment (keep document as-is) - (votes: 10)
  - Joint meeting with Interworking - presentation of Edge Virtual Bridging PAR drafts
    - Chuck Hudson: Edge Virtual Bridging draft
    - Joe Pelissier: Port Extender and Remote Replication PAR draft
    - Pat Thaler: reviewed discussion about returning CNMs through PBBs.

**802.1 Closing Plenary**

Closing Plenary – Thursday PM

The required patent slides were shown to the committee and the patent policy was discussed

Call for patents was made

No one responded

Interim Meetings

September Tuscany

January 2010 two offers on the table

1) New Orleans to help with hotel penalty
   a. Week Jan 25th
   b. MEF is holding there Jan meeting the week of the 25th so there is a conflict

2) Bangalore, India sponsored by Tejas
   a. 1st, 2nd, or 4th week of Jan are possible
   b. Presentation on Bangalore

3) Discussion
   a. Discussion about issue of getting to Bangalore, cost, international travel, conflict with MEF
   b. Is a January interim useful
      i. DCB needs an interim but other groups may not need an interim
   c. The meeting needs to be later in the month but this is conflicted with MEF
   d. Maybe do not need an interim or find another venue for the 18th

Future meetings

No offers for May 2010

John is looking at York, England for September 2010

Straw poll Lots of folks would like to go – no one said it was a bad idea

**802.21 Emergency Services PAR**

They have decided not to submit this PAR

Likely that an EC study group will be proposed

TG Reports
DCB – Pat
- Need a change to Qaz PAR
- Will have a motion to allow the change to be sorted out at the interim
Two draft PARs for EVB

AVB – Michael
- One more WG for as
- Presentation from Omega project, gigabit home networks
- Joint meeting with .11aa, video streaming
  - Need a drop precedence mechanism
  - But a mechanism does exist in 802.1
- Need to look at 802.1 mechanisms and see if it fulfills .11 needs
- Tony will be doing 802.1ba
- Will be meeting at the interim using three days

Security – Mick
- 802.1X-Rev and 802.1AR ballot comment review
- 802.1AR will have a modification to the PAR so the doc can have the purpose as is required
- Sponsor ballot processing via teleconference so the documents hopefully be ready for REVCOM out of the November plenary
- 802.1X-Rev will have a maintenance activity

Internetworking – Steve
- 802.1aq – Shortest Path Bridging comment resolution, which was the bulk of the work
- 802.1aj – TPMR ballot comment work, the document is ready for sponsor ballot
- Draft letter for liaison letters that we received
- Will meet every day at the September interim meeting

Sanity Check
- Discussion about what to do about Q Rev
- Need to do an edition to get things rolled up
- There is an open PAR for Q Rev
  - There was a “deal” with the standards board to avoid the revision
  - The standards board allowed us to go to Dec 2010 for the revision
  - Best bet is do an edition and fix the ah bug
  - This may not be possible
  - It is not the end of the world if REVCOM stops new work until the revision is done
- We can deal with this problem
  - There will come a time when we say this is the stuff that goes into Q-Rev
  - We want aq in Q-Rev so when aq is done we can see what else ready and roll it into Q-Rev

Interim Issues
- MEF must meet Jan 25th due to the contract
- MEF is meeting in LA
- Is there a possibility of meeting the Jan 18th
  - Two possibilities
    - No meeting, this hurts DCB
Find a meeting venue the week the 18th in New Orleans, LA, or Bay area

Straw Poll about three option
1) No meeting - 0
2) Meet the 25th with one of the two options given - 20
3) Find a meeting venue in LA, New Orleans, or Bay Area – 26

Straw Poll Meeting the week of 25th
1) Who would prefer to attend meeting in New Orleans – 24
2) Who would prefer to attend meeting in Bangalore – 10
So if the meeting is the week of the Jan 25th then it is New Orleans

Straw Poll
1) How many would suffer if the meeting was held the 25th – several
So we must make a decision in September about where to hold the Jan meeting

Motions
All motions are found in http://www.ieee802.org/1/files/public/minutes/2009-07-closing-plenary-slides.pdf

Motion to adjourn
Wright Claudio
Unanimous