

802.1 Closing Plenary

March 2015

Berlin, Germany

Glenn Parsons

Chair, IEEE 802.1 WG

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Instructions for the WG Chair

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- **Show slides #1 through #4 of this presentation**
- **Advise the WG attendees that:**
 - The IEEE's patent policy is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
 - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
 - There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
 - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
 - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
 - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 12 and 12a on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

Participants, Patents, and Duty to Inform

All participants in this meeting have certain obligations under the IEEE-SA Patent Policy.

- Participants [Note: Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2]:
 - “Shall inform the IEEE (or cause the IEEE to be informed)” of the identity of each “holder of any potential Essential Patent Claims of which they are personally aware” if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
 - “Personal awareness” means that the participant “is personally aware that the holder may have a potential Essential Patent Claim,” even if the participant is not personally aware of the specific patents or patent claims
 - “Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of such potential Essential Patent Claims” (that is, third parties that are not affiliated with the participant, with the participant’s employer, or with anyone else that the participant is from or otherwise represents)
- The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group
- Early identification of holders of potential Essential Patent Claims is strongly encouraged
- No duty to perform a patent search

Patent Related Links

All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.

Patent Policy is stated in these sources:

IEEE-SA Standards Boards Bylaws

<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>

IEEE-SA Standards Board Operations Manual

<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>

Material about the patent policy is available at

<http://standards.ieee.org/about/sasb/patcom/materials.html>

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

This slide set is available at <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt>

Call for Potentially Essential Patents

- If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance:
 - Either speak up now or
 - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible or
 - Cause an LOA to be submitted

Other Guidelines for IEEE WG Meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
 - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
 - **Don't discuss specific license rates, terms, or conditions.**
 - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
 - Technical considerations remain primary focus
 - **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**
 - **Don't discuss the status or substance of ongoing or threatened litigation.**
 - **Don't be silent if inappropriate topics are discussed ... do formally object.**

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and “Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy” for more details.

Administrative stuff – Upload area

- Website Upload area

- The new file upload facility can be accessed from the file naming conventions page at:

<http://iee802.org/1/filenaming.html>

- Please upload **BEFORE** presentation

Staff Introductions

- Kathryn Bennett
 - Program manager for 802.1
- Michelle Turner
 - Managing Editor

802.1 officers

■ Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Eric Gray
- Security TG Chair: Mick Seaman
- Interworking TG Chair: Steve Haddock
- TSN TG Chair: Michael Johas Teener
- Data Center Bridging TG Chair: Pat Thaler
- OmniRAN TG Chair: Max Riegel
- Local Address SG Chair: Steve Haddock
- Maintenance of website: John Messenger
- Maintenance of Email exploder: Hal Keen

■ Website

- <http://www.ieee802.org/1/>

The following are 802.1 voters:

Ao, Ting	Hayakawa, Hitoshi	Parsons, Glenn
Boiger, Christian	Hitt, Jeremy	Randall, Karen
Bottorff, Paul	Hussain, Rahil	Riegel, Maximilian
Chen, David	Jeffree, Anthony	Romascanu, Dan
Cheng, Weiying	Jochim, Markus	Rouyer, Jessy
Crupnicoff, Diego	Johas Teener, Michael	Saltsidis, Panagiotis
Cummings, Rodney	Jones, Peter	Sarikaya, Bechet
Diamond, Patrick	Keen, Hal	Seaman, Michael
Diarra, Aboubacar Kader	Kiessling, Marcel	Sexton, Daniel
Farkas, Janos	Klein, Philippe	Specht, Johannes
Finn, Norman	Korhonen, Jouni	Stanton, Kevin
Garner, Geoffrey	Lynch, Jeff	Steiner, Wilfried
Ghanwani, Anoop	Mack-Crane, Ben	Thaler, Patricia
Goetz, Franz	McIntosh, James	Touve, Jeremy
Gravel, Mark	Messenger, John	Tretter, Albert
Gray, Eric	Moldovansky, Anatoly	Weber, Karl
Gunther, Craig	Multanen, Eric	Wei, Yuehua
Haddock, Stephen	Pannell, Donald	Weis, Brian
		Woods, Jordon
		Zuniga, Juan-Carlos

The following became voting
members this week:

Pienciak, Walter
Kehrer, Stephan
Zinner, Helge
Unbehagen, Paul

The following could become voting members if they email me indicating their intention to do so and if they show up here this week:

Bragg, Nigel

Edge, Bob

Estes, David

Lin, Juitse

Noseworthy, Bob

Samii, Soheil

Sato, Atsushi

Walter, Todd

Welch, James

Future interim meetings

- May 19-22, 2015
 - Pittsburgh, PA
 - John D'Ambrosia - Ethernet Alliance
 - <http://ieee802.org/1/files/public/docs2014/admin-dambrosia-may15-meeting-1014-v1.pdf>
 - Omni – US\$159
 - Meeting fee US\$350 (early)
- September 8-11, 2015
 - Santa Cruz, CA
 - Michael Johas Teener – Broadcom
 - <http://www.ieee802.org/1/files/public/docs2014/admin-mjt-2015-09-interim-1114.pdf>
 - Dream Inn – US\$215
 - Meeting fee US\$500
- January 18-21, 2016
 - 802-sponsored Interim - Atlanta, GA
 - Hyatt Regency Atlanta - US\$179
 - Early registration (US\$500)
- Spring & Fall 2016
 - Hosts?

Sanity check – current workload

Project	Subject	Stage	Draft#	Next action	PAR ends
802.1ASbt	Time synch enhancements	Editor's draft	D0.7	withdraw	Dec '15
802.1Qbu	Frame preemption	WG ballot	D2.1	WG ballot recirc	Dec '16
802.1Qbv	Scheduled traffic	WG ballot	D2.2	WG ballot recirc & sponsor	Dec '16
802.1Qbz	802.11 Bridging	WG ballot	D2.1	WG ballot recirc	Dec '16
802.1Qca	SPB Path Control and Reservation	WG ballot recirc	D1.4	Sponsor Ballot	Dec '16
802.1CB	Frame Replication and Elimination	TG ballot	D1.0	TG ballot	Dec '17
802.1AC-REV	MAC service	WG ballot	D2.0	WG ballot	Dec '17
802.1Qcc	SRP enhancements & performance improve	TG ballot	D0.3	TG ballot	Dec '17
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	Editor's draft	D0.7	TG ballot	Dec '18
802.1CF	Access network (OmniRAN)	PAR approved	-	Editor's draft	Dec '18
802.1AB-REV	Station and MAC Connectivity Discovery	PAR approved	-	Editor's draft	Dec '18
802.1AEcg	Ethernet data encryption devices	Editor's draft	D0.4	TG ballot	Dec '18
802.1Qch	Cyclic queueing and forwarding	PAR approved	-	Editor's draft	Dec '19
802.1AS/Cor2	Tech and ed corrections	WG ballot	D2.0	Sponsor Ballot	Dec '18
802.1ASrev	Time synch enhancements	Editor's draft	D0.9	TG Ballot	Dec '19
802c	Local Address space	PAR precirculation		PAR approval	
802.1Q/Cor1	Tech and ed corrections	Editor's draft	D0.1	WG ballot	Dec '19
802.1Qci	Per Stream Policing	PAR precirculation		PAR approval	
802.1Qcj	Auto Attach to PBB	PAR precirculation		PAR approval	
802.1Xck	YANG data model	PAR Development		PAR precirculation	
802.1Qcl	YANG data model	PAR Development		PAR precirculation	
802.1CM	Profile for Fronthaul	PAR Development		PAR precirculation	
802.1Qcn	EVB VDP extension	PAR Development		PAR precirculation	

802 reports

- [EC Privacy SG](#)
- IETF SC
- JTC1 SC
- ITU SC
- 802 TF

802 Task Force

- Indemnification of officers
- Public Review
 - Parallel to sponsor ballot
 - “opportunity to comment”
 - July 6th implementation
 - New system
 - test bed for myBallot replacement
 - Staff will move comments between systems during transition
- Get 802 program
- myProject replacement
 - requirements in 2015
 - Voting – epoll
 - Documents - mentor

TG reports

- Local Address SG
- Interworking
- TSN
- OmniRAN
- Security
- DCB
- Maintenance

DCB meeting March 2015

- Reviewed presentation on new work to extend VDP for IETF NVO3
 - Network Virtualization Overlay (NVO3) needs a protocol for use at the Network Virtualization Edge (NVE) between the end system and a device doing encapsulation
 - The VDP and ECP protocols developed for Edge Virtual Bridges could fill this need with some extensions
 - Mainly adding new VSIIID and filter formats and perhaps an additional TLV type.
- Similar to 802.1 being able to use IS IS after some extensions

References:

- NVO3 requirements draft for Hypervisor to NVE Control plane requirements comparing VDP with the requirements:
<https://datatracker.ietf.org/doc/draft-ietf-nvo3-hpvr2nve-cp-req/>
- Earlier gap analysis draft comparing VDP to the prior version of requirements
<https://tools.ietf.org/html/draft-pt-nvo3-vdp-vm2nve-gap-analysis-00>
- Presentation updated this week:
<http://ieee802.org/1/files/public/docs2015/new-yizhou-vdp-extension-0315-v03.pdf>

Split-NVE structure

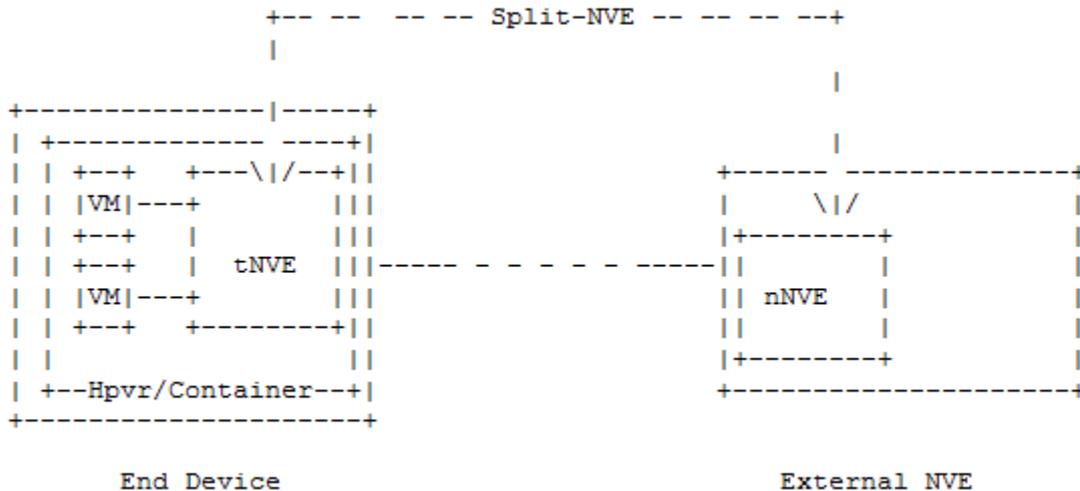


Figure 1 Split-NVE structure

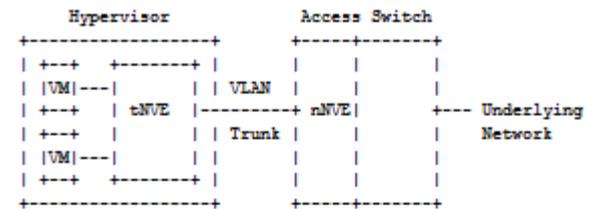


Figure 2 Hypervisor with an External NVE

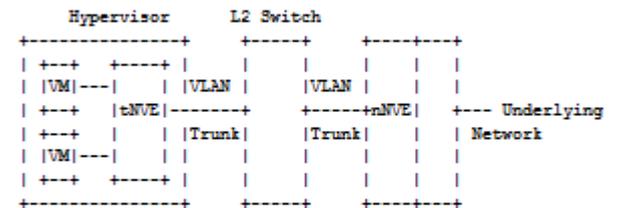


Figure 3 Hypervisor with an External NVE across an Ethernet Access Switch

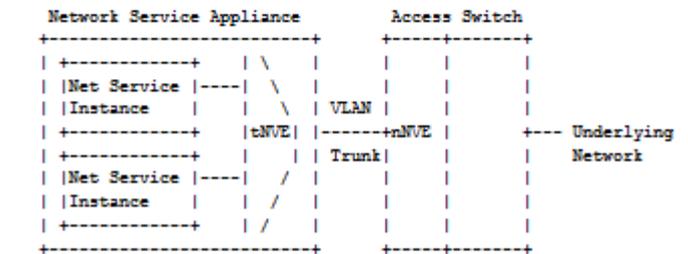


Figure 4 Physical Network Service Appliance with an External NVE

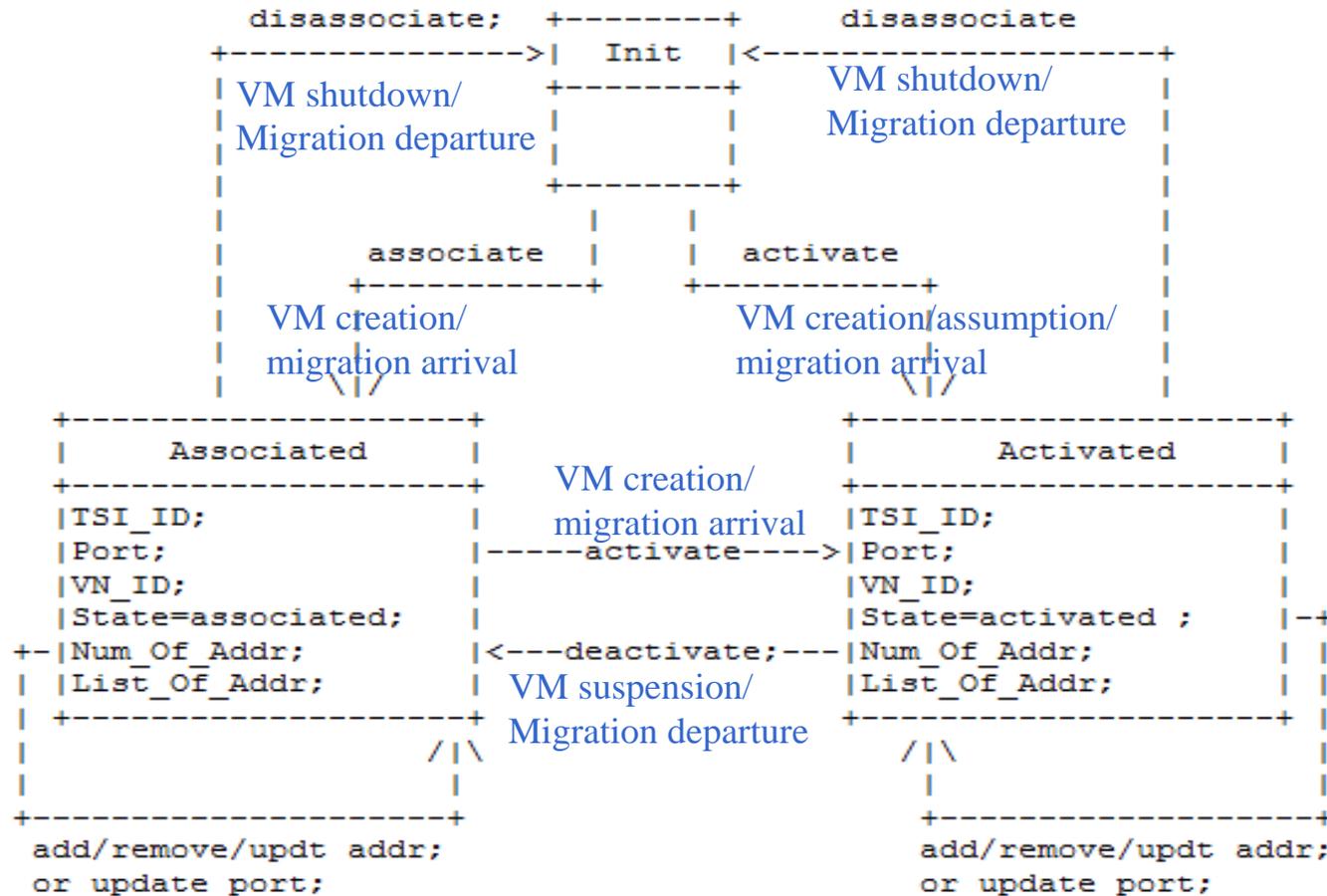
Split-NVE: a type of NVE that the functionalities of it are split across an end device supporting virtualization and an external network device.

tNVE: the portion of Split-NVE functionalities located on the end device supporting virtualization.

nNVE: the portion of Split-NVE functionalities located on the network device which is directly or indirectly connects to the end device holding the corresponding tNVE.

External NVE: the physical network device holding nNVE

State Transition of a TSI Instance on an External NVE



TSI: Tenant System Identifier Interface to a Virtual Network as presented to a Tenant System. To the Tenant System, the TSI is like a NIC.

DCB - Next steps

- IETF to discuss the requirements draft
 - Liaison if they want VDP extensions
- Ensure there will be adequate participation
 - Including contacting EVB VDP participants to see if they are interested in helping
- At May meeting discuss and draft PAR/CSD if ready

Outgoing liaison discussion

- MEF
 - All active UNI
 - YANG
- ITU-T Q13/15
- CPRI
- IEEE 1904.3

Motions - Administrative

MOTION

- 802.1 approves the November 2014 and January 2015 minutes:

<http://ieee802.org/1/files/public/minutes/2014-11-minutes.pdf>

<http://ieee802.org/1/files/public/minutes/2015-01-minutes.pdf>

Proposed: Gray Seconded: Messenger

- Approved by Acclamation

MOTION

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the July 2015 plenary session for TSN and LASG
- Proposed: Teener
- Second: Gray

- Approved: by acclamation

Motions – Local Address SG

Motion

- 802.1 requests EC approval to extend the 802.1 Local Address Study Group to
 - Develop a PAR and CSD for a recommendation on Local Address usage
 - Develop one or more PARs on protocols for local address acquisition
- Proposed: Haddock Second: Thaler
- For 29 Against 0 Abstain 1
- Approved

- EC proposed: Second:
- For Against Abstain

Motion

- Authorize the May 802.1 interim to draft a PAR and CSD (including 5-Criteria), for precirculation to the EC, for an IEEE 802.1 project on protocols for local address acquisition
- Proposed: Haddock
- Second: Thaler
- For 29 Against 0 Abstain 2
- Approved

Motion

- 802.1 approves the CSD and requests EC approval to submit the P802c PAR to NesCom.
 - <http://ieee802.org/1/files/public/docs2015/new-addresses-thaler-local-address-par-v02.pdf>
 - <http://ieee802.org/1/files/public/docs2015/lasg-mjt-802c-CSD-0315-v02.pdf>
- Proposed: Steve Haddock
- Second: Pat Thaler
- For __28__ Against __0__ Abstain __1__
- Approved

- EC proposed: Second:
- For _____ Against _____ Abstain _____

Motions - Interworking

MOTION

- Authorize 1-hour teleconferences for 802.1Qbz/802.11ak coordination on 4/6, 4/27 and 5/4, at 11:00 am Eastern US time. Teleconference access details to be announced on the 802.1 reflector.
- Proposed: Haddock
- Second: Finn
- Approved by acclamation

Motion

- 802.1 approves the CSD and requests EC approval to submit the P802.1Qcj Automatic Attachment to PBB Services PAR to NesCom.
 - <http://ieee802.org/1/files/public/docs2015/new-autoattach-romascanu-par-0315-v01.pdf>
 - <http://ieee802.org/1/files/public/docs2015/new-autoattach-romascanu-csd-0315-v01.pptx>
- Proposed: Steve Haddock
- Second: Dan Romascanu
- For 27 Against 0 Abstain 2
- Approved

- EC proposed: Second:
- For Against Abstain

MOTION

- 802.1 confirms the 5C
 - <http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qca-draft-5c-0912-v03.pdf>
- And requests EC approval to submit P802.1Qca Path Control & Reservation for Sponsor ballot.
- Proposed: Haddock Second: Farkas
- For __27__ Against __0__ Abstain __1__
- Approved

- EC proposed: Second:
- For _____ Against _____ Abstain _____

MOTION

- 802.1 confirms the CSD:
 - <http://www.ieee802.org/1/files/public/docs2012/new-p802-1Qbz-draft-5c-0912.pdf>
- And requests EC conditional approval to forward P802.1Qbz Enhancements to Bridging of 802.11 Media to sponsor ballot.
- Proposed: Messenger Second: Finn
- For__26__Against__0__Abstain__1__
- Approved
- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

MOTION

- 802.1 authorizes the editor of P802.1AC-REV MAC Service Specification (John Messenger) to prepare a draft for further Working Group balloting. The ballot will also be issued to 802.16 and 802.11.
- Proposed: Haddock Second: Messenger
- For__30__Against_0__Abstain__0__
- Approved

MOTION

- 802.1 authorizes the editor of P802.1CB Seamless Redundancy (Norm Finn) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: Finn
- For__31__Against_0__Abstain__0__
- Approved

MOTION

- 802.1 approves the [liaison](#) response to ITU-T SG15 liaison LS224 on PTP over LAG.

- <http://www.ieee802.org/1/files/public/docs2015/liaison-response-SG15-L224-PTPoLAG-0315.docx>

- Proposed: Haddock Second: Garner
- For __28__ Against_0__ Abstain__0__
- Approved

MOTION

- 802.1 approves the [liaison](http://www.ieee802.org/1/files/public/docs2015/liaison-response-MEF-L00226-AA-UNI-0315-v1.docx) response to MEF on 802.1AX and all active UNI
 - <http://www.ieee802.org/1/files/public/docs2015/liaison-response-MEF-L00226-AA-UNI-0315-v1.docx>
- Proposed: Haddock Second: Gray
- For __29__ Against __0__ Abstain __0__
- Approved

MOTION

- 802.1 approves the liaison response to MEF on YANG
 - <http://www.ieee802.org/1/files/public/docs2015/liaison-response-MEF-L00227-YANG-0315-v1.docx>
- Proposed: Haddock Second: Romascanu
- For __30__ Against __0__ Abstain __0__
- Approved

MOTION

- 802.1 authorizes the May 2015 interim to generate a PAR and CSD for pre-circulation to the EC for an amendment 802.1Qcl that will specify YANG modules.
- Proposed: Michael Johas Teener
Second: Steve Haddock
- For_31____Against_0____Abstain__0____
- Approved

MOTION

- 802.1 authorizes virtual conferences for discussions on the proposed YANG module development including the PAR and CSD. Announcements on the time and connection details will be made at least 30 days in advance.
- Proposed: Johas Teener Second: Haddock
- Approved by acclamation

Motions - TSN

MOTION

- The TSN TG will have virtual conferences weekly at a to-be-determined time for 802.1AS-related topics. Access information will be announced via email at least 30 days in advance.
- Proposed: Johas Teener Second: Garner
- Approved by acclamation

MOTION

- The TSN TG will continue to have virtual conferences weekly at 9am US Pacific time on Wednesdays for general topics. Access information is available on the [TSN web page](#).
- Proposed: Johas Teener Second:
Gunther
- Approved by acclamation

Motion

- 802.1 approves the CSD and requests EC approval to submit the P802.1Qci Per-Stream Filtering and Policing PAR to NesCom.
 - <http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-par-0115-v05.pdf>
 - <http://www.ieee802.org/1/files/public/docs2015/new-nfinn-input-gates-csd-0115-v03.pdf>
- Proposed: Tony Jeffree
- Second: Norm Finn
- For 30 Against 0 Abstain 0
- Approved

- EC proposed: Second:
- For Against Abstain

MOTION

- 802.1 authorizes the editor of P802.1AS-REV (Geoff Garner) to prepare a draft for Task Group balloting.
- Proposed: Michael Johas Teener
Second: Geoff Garner
- For_31___Against__0___Abstain__0___
- Approved

MOTION

- 802.1 confirms the 5C:
 - <http://www.ieee802.org/1/files/public/docs2012/Qbv-pannell-draft-5C-0112-v03.pdf>
- And requests EC conditional approval to forward P802.1Qbv Scheduled Traffic to sponsor ballot.
- Proposed: Messenger Second: Jeffree
- For__33__Against_0__Abstain_0__
- Approved
- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

MOTION

- 802.1 authorizes the May 2015 interim to generate a PAR and CSD, for pre-circulation to the EC, for an 802.1CM project for a profile for Time-Sensitive Networking for Fronthaul.
- Proposed: Michael Johas Teener
Second: Janos Farkas
- For__25__Against__0__Abstain__6__
- Approved

MOTION

- 802.1 approves the [liaison](#) response to CPRI, 1904.3, MEF, ITU-R WP5, ITU-T Q13/15 on fronthaul.
 - <http://ieee802.org/1/files/public/docs2015/liaison-fronthaul-0315-v4.pdf>
- Proposed: Messenger Second: Gray
- For__33__Against_0__Abstain__0__
- Approved

MOTION

- 802.1 approves the liaison response to IEEE 1904.3.
 - <http://www.ieee802.org/1/files/public/docs2015/liaison-response-ieee1904dot3-0315-v00.docx>
- Proposed: Korhonen Second: Gray
- For __25__ Against_0__ Abstain_0__
- Approved

Motions - Security

Motions - Security

As required to request/ authorize:

- 802.1 approval to develop a PAR for P802.1Xck – Port-based Access Control: YANG data model, based on the existing UML description of management operations and including MIB maintenance items, and approval to pre-circulate the proposed PAR prior to, and for 802.1 and 802.0 approval at, the July 2015 802 Plenary.
- 802.1 authorization to call Security Task group teleconferences to progress P802.1ARce, P802.1AEcg, PAR development and other task group matters arising.

Note: Motions for P802.1ARce and P802.1AEcg draft preparation and task group balloting have been passed previously.

MOTION

- 802.1 authorizes the Security Task Group prepare a PAR for an amendment to IEEE Std 802.1X, P802.1Xck – Port-based Access Control: YANG data model.

The 802.1 Chair is authorized to pre-circulate the proposed PAR¹ for consideration at the July 2015 meeting.

- Proposed: Seaman Second: Randall
- For__27__Against__0_Abstain_0__

¹An initial draft is at:

www.ieee802.org/1/files/public/docs2015/new-8021x-mahesh-yang-0315-v01.pdf

MOTION

- 802.1 authorizes the Security Task Group to hold teleconferences to progress P802.1AEcg, P802.1ARce, development of the proposed P802.1Xck PAR, and task group matters arising:
 - Dates/times to be announced subject to notice of at least 30 days to the 802.1 email exploder
- Proposed: Seaman Second: Randall
- Approved by acclamation

Motions - DCB

MOTION

- 802.1 authorizes the May 2015 interim to generate a PAR and CSD, for pre-circulation to the EC, for an 802.1Qcn amendment project for Edge Virtual Bridging VDP (Virtual Station Interface Discovery and Configuration Protocol) extensions.
- Proposed: Pat Thaler
Second: Yizhou Li
- For __26__ Against __0__ Abstain __2__
Approved

Motions – OmniRAN

Motion

- Approve OmniRAN conference calls on:
 - April 16th, 10:00 AM ET
 - May 8th, 10:00 AM ET
 - June 30th, 10:00 AM ET
 - Access information will be announced on the 802.1 mailing list

Moved: Max Riegel, Second: Juan Carlos Zuniga

Approved by acclamation.

Motions – Maintenance

MOTION

- Authorize Maintenance TG to hold teleconferences on 13th May and 7th July 2015 at 11am ET if necessary. Access information will be posted to the 802.1 reflector in advance.

- Proposed: Messenger Second: Gray

Approved by acclamation

MOTION

- 802.1 authorises the editor of P802.1Q-Cor1 (Tony Jeffree) to prepare an initial draft and submit it for working group ballot
- Proposed: Messenger Second: Gray
- For__28__Against_0__Abstain__0__
- Approved

MOTION

- 802.1 authorises the editor of P802.1AB-rev (Tony Jeffree) to prepare an initial draft and submit it for task group balloting
- Proposed: Messenger Second: Gray
- For__23__Against_0__Abstain__0__
- Approved

MOTION

- 802.1 requests EC approval to forward 802.1AS-Cor2 to sponsor ballot.
- Proposed: Messenger Second: Gray
- For__26__Against_0__Abstain_0__
- Approved
- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

Note: There are no CSD for this maintenance project.

MOTION

- 802.1 requests EC approval to withdraw the PAR for P802.1ASbt.
 - Note: This project has been replaced by the recently approved 802.1AS-Rev PAR.
- Proposed: Messenger Second: Gray
- For__27__Against_0__Abstain__0__
- Approved

- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

MOTION

- 802.1 requests EC approval to forward Std 802.1AX-2014 to ISO/IEC JTC1 SC6, for ballot under the PSDO agreement.
- Proposed: Messenger Second: Gray
- For__27__Against__0__Abstain__0__
- Approved
- EC proposed: Parsons Second:
- For____Against____Abstain_____

MOTION

- 802.1 requests EC approval to forward Std 802.1BA-2011 to ISO/IEC JTC1 SC6, for information under the PSDO agreement.
- Proposed: Messenger Second: Gray
- For__27__Against_0__Abstain_0__
- Approved
- EC proposed: Parsons Second: Thaler
- For____Against____Abstain_____

MOTION

- 802.1 requests EC approval to forward Std 802.1BR-2012 to ISO/IEC JTC1 SC6, for information under the PSDO.
- Proposed: Messenger Second: Gray
- For_26___Against_0___Abstain_0___
- Approved
- EC proposed: Parsons Second:
- For___Against___Abstain___

MOTION

- 802.1 requests EC approval to forward the comment responses contained on slides 8 and 9 of <http://www.ieee802.org/1/files/public/docs2015/liaison-randall-SC6response-AEbnAEbw-0315-v01.pptx> to JTC1 SC6, under the PSDO agreement. These are responses to the comments received on recent FDIS ballots of 802.1AEbn and 802.1AEbw.

- Proposed: Messenger Second: Gray
- For__25__Against__0__Abstain__1__
- Approved

- EC proposed: Parsons Second:
- For____Against____Abstain_____

Motions – Any others?