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| **Minutes of IEEE 802.1 OmniRAN TG March 11st – 13th Meeting in Vancouver, Canada** |
| **Date: March 19th, 2019** |
| **Author(s):** |
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**Abstract**

Draft Minutes of the IEEE 802.1 OmniRAN TG meeting at IEEE 802 Plenary Meeting in Vancouver, Canada on March 11st through 13th, 2019.

The minutes are drafted following the common template provided by 802.1 secretary.

# Attendance and affiliation

[as recorded in the session slides; IMAT was used for providing attendence credits]

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| Name | Affiliation |
| Max Riegel | Nokia |
| Hao Wang | Fujitsu |
| Hajime Koto | NICT |
| Antonio de la Oliva | UC3M, IDCC |
| Jerome Arokkiam | OSRAM |
| Don Pannell | NXP Semiconductors  |
| Roger Marks | EthAirNet Assoc. |
| Stephen Mccann | Blackberry |
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## OmniRAN

The OmniRAN Task Group Chair, Max Riegel, presided.

Hao Wang wrote the minutes.

At the beginning of the meetings on 03/11, 03/12, and 03/13 the TG Chair presented the mandatory IEEE-SA PatCom Patent Slides for Standards Development Meetings and the IEEE 802 Participation slide contained in the OmniRAN session slides for the week (<https://mentor.ieee.org/omniran/dcn/19/omniran-19-0013-01-00TG-mar-2019-f2f-meeting-slides.pptx>), and made the “Call for Potentially Essential Patents”. There were no responses to the calls prior to the end of the week’s session.

The session slides were amended throughout the OmniRAN TG meetings of the week with additional auxiliary information and finally uploaded to mentor under <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0013-03-00TG-mar-2019-f2f-meeting-slides.pptx>

Current status of OmniRAN Task Group activities (including future meeting announcements, past meeting and conference call minutes) is available via a wiki located at <https://1.ieee802.org/omniran/>

**11 March 2019**

**01:30 PM (call to order by the TG Chair) to 03:30 PM,**

**Agenda Approval**

The TG Chair presented the agenda as per slide 11 of the initial session slides.
The agenda was reviewed and discussed.

**Disposition**: The following agenda was approved per acclamation.

* Review of minutes
* Reports
* IEEE 802.1CF socialization activities
* P802.1CQ contributions and discussions
	+ P802.1CQ ToC and specification text contributions
* Potential new project for OmniRAN TG
* Conference calls until July 2019 F2F
* Status report to IEEE 802 WGs
* Liaisons
* Next meeting
* AOB

**Schedule of topics during the week**

The TG Chair discussed availabilities of the contributors and preferences to discuss the various topics.

**Disposition**: Agreement to arrange the discussion topics according to the following plan over the week:

***Mon, 13:30 – 15:30***

Review of minutes

Reports

P802.1CQ contributions and discussions

* + P802.1CQ ToC and specification text contributions

***Tue, 13:30 – 15:30***

IEEE 802.1CF socialization activities

Potential new project for OmniRAN TG

Liaisons

Conference calls until July 2019 F2F

Motions to 802.1 closing plenary

Draft status report to IEEE 802 WGs

***Wed, 13:30 – 15:30***

P802.1CQ contributions and discussions

* + IEEE 802.11 related discussions

Status report to IEEE 802 WGs

Next meeting

AOB

**Review of minutes**

The TG Chair presented the minutes of the OmniRAN TG and asked for comments, if any.

* Conference call held 6 February 2019: <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0008-00-00TG-feb-6th-confcall-minutes.docx>;
* Conference call held 27 February 2019: <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0014-00-00TG-feb-27th-confcall-minutes.docx>
* Face-to-face session held in January 2019 in Hiroshima, Japan: <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0005-02-00TG-jan-2019-f2f-meeting-minutes.docx>

**Disposition**: No comments were raised to any of the minutes.

**Reports**

P802.1CF has been forwarded to the next Revcom meeting agenda (will be held on March 20th); Staff editor will get engaged after the standards board approval.

The TG Chair explained that a new minutes template was introduced for better integration of all 802.1 TG meeting minutes for jointly held meetings.

**Disposition**: The TG decides to use the same template for all meetings and conference calls based on a slightly amended template to fulfill all the mandatory requirements of IEEE SA standardization meeting minutes to make it usable for conference calls as well.

**P802.1CQ contributions and discussions**

Antonio de la Oliva presented *MAC Address Acquisition Protocol* in<https://mentor.ieee.org/omniran/dcn/19/omniran-19-0011-01-CQ00-maap-introduction.pptx>

* MAC Address Acquisition Protocol (MAAP) specified in standard IEEE 1722 has been investigated and considered to be re-used for both multicast and unicast address assignment in P802.1CQ;
* One participant who has been involved in IEEE 1722 standard development explained the current status of the standard committee and the practice of MAAP in the professional audio market. He also provided the rational why multicast was initially addressed in the scope of P802.1CQ. He volunteered to do liaison to IEEE 1722 committee if necessary;
* The TG discussed the idea of adoption MAAP in P802.1CQ for self-claiming address assignment in both wired and wireless medium, but certain changes may be needed, e.g. the frame encapsulation;
* The TG later found out that the Ethertype used for MAAP belongs to a company called Harman International, that could be an issue if the same Ethertype was used in an IEEE 802 standard;

**Disposition:** The investigation regarding IEEE 1722 will be presented in TSN TG on March 12. The OmniRAN TG will decide how to proceed regarding the adoption of MAAP afterwards.

**12 March 2019**

**01:30 PM (call to order by the TG Chair) to 03:30 PM**

**IEEE 802.1CF socialization activities**

The TG Chair led a discussion on *IEEE 802.1CF socialization activities per slide 15 in the session slides*.

* It was indicated that IEEE SA provides the opportunity to publish online articles for promoting technologies and standards. An exemplary practice can be found in the following URL about the data center projects in Nendica.
	+ <https://beyondstandards.ieee.org/networking/laying-the-foundation-for-the-lossless-data-center/>

**Disposition**: Max Riegel will contact IEEE staff for more information regarding submission to IEEE blog beyond standards. As blog entry is marked by author’s name, there is no need for prior approval.

**Liaisons**

The TG Chair presented drafts of outgoing liaisons finalized as:

* *IEEE 802.1 Working Group DRAFT Liaison Communication* in <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0015-00-00TG-802-1-liaison-response-to-itu-t-jca-imt2020.docx>
	+ Motion to 802.1 WG and LMSC has been prepared per slide 17 in the session slides;

**Disposition:** Liaison text as provided by document is ready for approval by 802.1 WG.

Roger Marks presented liaison proposal to IEEE 1722 regarding MAAP:

* *Proposed liaison to IEEE 1722 Working Group* <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0017-00-CQ00-proposed-liaison-to-ieee-1722-working-group.pptx>
	+ Based on the proposal, the TG Chair drafted the final liaison at <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0018-01-00TG-802-1-liaison-to-ieee-1722.docx>
	+ Motion to 802.1 WG has been prepared per slide 18 in the session slides;

**Disposition:** Liaison to be forwarded to 802.1 closing plenary.

**Conference calls until July 2019 F2F**

TG decided not to meet at the next 802.1 or 802 Wireless Interim to accommodate cross-WG participation in P802.1CQ and availability of main contributors.

**Disposition:** Agreed to hold teleconferences at 09:00AM ET on 5th April 2019 and on 26th April with 90 mins each. Further conference calls until July F2F will be discussed in April 26th conference call and will be announced on 802.1 mailing list.

**13 March 2019**

**01:30 PM (call to order by the TG Chair) to 03:12 PM**

**P802.1CQ contributions and discussions**

**P802.1CQ ToC and specification text contributions**

Antonio de la Oliva presented *IEEE 802.1CQ ToC* in [https://mentor.ieee.org/omniran/dcn/19/omniran-19-0016-00-CQ00-thoughts-on-toc.pptx](http://urlToPdf).

* Antonio presented his proposal of a ToC structure. During the discussion the proposal on the slides was modified according to discussions.
* Open questions were presented and potential conclusions discussed.

**Disposition**: Agreement reached to start the drafting of the specification with the established ToC documented in <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0020-00-CQ00-ieee-802-1cq-table-of-contents.docx>. Modifications to the ToC may be introduced during the development as needed.

**IEEE 802.11 related discussions**

Antonio de la Oliva presented *MAC Address Policy ANQP* in<https://mentor.ieee.org/802.11/dcn/19/11-19-0286-03-000m-mac-address-policy-anqp-and-beacon-element.docx.>

* Antonio presented a contribution to 802.11md addressing the address policy discovery, which will be discussed in 802.11 on Thursday.
* The concept and dependencies to 802.1CQ were discussed and potential dependencies were considered.

**Disposition**: Conclusion reached that the proposed amendment to 802.11md sufficiently covers the necessary additions to PAD.

**Status report to IEEE 802 WGs**

The TG Chair presented prepared *IEEE 802.1 OmniRAN TG Status Report* in <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0019-00-00TG-mar-2019-report-to-ieee-802-wgs.pptx>

* During review some edits were applied.

**Disposition**: Group agreed with the content of the report.

**Next meeting**

Conference call on April 5th, 09:00 AM ET

**A.O.B.**

No other topic was brought up.

The chair adjourned the meeting at 3:12 PM