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| **Minutes of IEEE 802.1 OmniRAN TG March 11st – 13th Meeting in Vancouver, Canada** |
| **Date: April 6th, 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 manually recorded; 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 Monday, Tuesday, and Wednesday 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-19-0013-04-00TG-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 at <https://1.ieee802.org/omniran/>

**Monday 11 March 2019**

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

**Agenda Approval**

The TG Chair presented the agenda as per slide 11 of https://mentor.ieee.org/omniran/dcn/19/omniran-19-0013-04-00TG-mar-2019-f2f-meeting-slides.pptx.
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 was forwarded for Revcom approval at its March 20th, 2019 meeting. The IEEE staff editor will engage 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.

**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;
* A participant who was involved in the development of IEEE Std 1722 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 take care that a liaison send by IEEE 802.1 would be timely addressed in IEEE 1722 committee, if necessary;
* The TG discussed the idea of adopting MAAP in P802.1CQ for self-claiming address assignment in both wired and wireless media, 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 12th, 2019. The OmniRAN TG will decide how to proceed regarding the adoption of MAAP afterwards.

**Tuesday 12 March 2019**

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

**IEEE 802.1CF socialization activities**

The TG Chair led a discussion on *IEEE 802.1CF socialization activities per slide 15 of* <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0013-04-00TG-mar-2019-f2f-meeting-slides.pptx>.

* It was indicated that IEEE SA provides the opportunity to publish online articles for promoting technologies and standards. An exemple is *Laying the Foundation for the Lossless Data Center* <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. A blog entry would be created and processed following IEEE 802 rules for press releases.

**Liaisons**

The TG Chair presented drafts of outgoing liaisons finalized as:

* *Liaison reply to JCA for IMT2020 to update IEEE 802.1 information in the IMT-2020 roadmap* <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0015-00-00TG-802-1-liaison-response-to-itu-t-jca-imt2020.docx>

**Disposition:** An EC consent agenda motion was prepared as per slide 17 of <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0013-04-00TG-mar-2019-f2f-meeting-slides.pptx>. Draft liaison to be forwarded to 802.1 closing plenary for approval.

For the preparation of a liaison, Roger Marks presented the draft text for liaison to IEEE 1722 WG regarding MAAP adoption: <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 *Liaison to IEEE 1722 regarding address assignment protocol in P802.1CQ (Multicast and Local Address Assignment)* <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0018-01-00TG-802-1-liaison-to-ieee-1722.docx>

**Disposition:** A motion was prepared as per slide 18 of <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0013-04-00TG-mar-2019-f2f-meeting-slides.pptx> to bring up the draft liaison in the 802.1 closing plenary for approval.

**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 90-minute conference calls at 09:00AM ET on April 5th, 2019 and April 26th, 2019. Further conference calls until July 2019 802.1 plenary meeting will be discussed on the April 26th, 2019 conference call and announced on 802.1 mailing list.

**Wednesday 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).

* The proposal in the slides was modified according to, and during the discussion.
* Open questions were presented and potential conclusions discussed.

**Disposition**: Agreement reached to start the drafting the specification based on *IEEE 802.1CQ Table of Contents* <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0020-00-CQ00-ieee-802-1cq-table-of-contents.docx> with Table of Content modifications as needed during drafting.

**IEEE 802.11 related discussions**

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

* This contribution to 802.11md, covered address policy discovery, and was to be discussed in 802.11 on Thursday March 14th, 2019.
* 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 Pre-Association Discovery (PAD).

**Status report to IEEE 802 WGs**

The TG Chair presented *IEEE 802.1 OmniRAN TG Status Report to IEEE 802 WGs* in <https://mentor.ieee.org/omniran/dcn/19/omniran-19-0019-00-00TG-mar-2019-report-to-ieee-802-wgs.pptx>, which was reviewed and edited as needed.

**Disposition**: The TG agreed with the content of the report.

**Next meeting**

Conference call on April 5th, 2019 at 09:00 AM ET.

**A.O.B.**

No other business was discussed in this meeting.

The chair adjourned the meeting at 3:12 PM