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| Minutes of IEEE 802.1CQ OmniRAN TG conference call on March 28th, 0900-1000AM ET | | | | |
| **Date: March 29th, 2018** | | | | |
| **Author(s):** | | | | |
| **Name** | **Affiliation** | **Address** | **Phone** | **email** |
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## Abstract

Minutes of the IEEE 802.1 OmniRAN conference call on March 28th, 2018.

Chair: Max Riegel

Recording secretary: Stephen McCann

## Call to order

* Meeting slides were prepared by the chair:
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0033-00-00TG-mar-28th-1cq-confcall-slides.pptx>

* Meeting was called to order by chair at 09.02 ET.

## Minutes

* Stephen McCann volunteered to take notes.

## Attendance

* Participants

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| --- | --- |
| **Name** | **Affiliation** |
| Max Riegel | Nokia Bell Labs |
| Hao Wang | Fujitsu |
| Stephen McCann | BlackBerry Ltd |
| Roger Marks | EthAirNet Assoc. |
| Pat Thaler | Broadcom |
| Antonio de la Oliva | University of Madrid, Interdigital |
| Ting Au | ZTE Corporation |

## IEEE WG Guidelines

* The chair presented the mandatory IEEE SA guideline slides and asked for anybody willing to make an IPR announcement.
* No IPR declaration was made.

## Agenda approval

* Agenda as proposed in the chair’s meeting slides:
* Reports
* P802.1CQ contributions
* P802.1CQ project organization within OmniRAN TG
* Next meeting
* AoB
* Agenda approved without further requests.

## Reports

* OmniRAN TG will take responsibility for P802.1CQ
* Decide during IEEE 802.1 closing plenary in March 2018 (Rosemont)
* Roger Marks is the assigned editor
* The 802.1CQ group is looking for contributions and one was provided in November 2017. Nothing substantial has been done apart from that.

## P802.1CQ contributions

* There have been several contributions to the P802.1CQ project as the chair mentioned, although there are others in 2016 within the 802.1 document folder (not the OmniRAN mentor folder). Some of the more recent 802.1CQ contributions will be moved in the OmniRAN mentor folder.
* To introduce the basic ideas, Antonio provided a short overview using the slides presented in the Geneva meeting (https://mentor.ieee.org/omniran/dcn/18/omniran-18-0035-00-CQ00-proposal-for-ieee-802-1cq-laap.pdf)
* Then the submission https://mentor.ieee.org/omniran/dcn/18/omniran-18-0034-00-CQ00-proposal-for-ieee-802-1cq-self-assignment-part.pdf was presented.
* Question (Q): What does an IEEE 802 terminal do?
* Answer (A): It would be some stations that participates in the self-assignment process. Only stations in the dynamic process need to be involved.
* Comment(C): Perhaps you could have access points over bridges to re-act to this, for wireless devices that go into sleep mode.
* C: A bridge or AP, can do this. There can be multiple MAC addressing schemes operating at the same time.
* C: Regarding the TLV, this allows for cases where the default value is not used. An 802c CID could be used in an unmanaged environment.
* C: This proposal is to advertise 802.1CQ using LAAP
* Q: Is the assignment of 64-bit addresses within scope?
* A: Yes, as it's started in the PAR that using 64 bits is ok.
* C: You could define an address which is effectively a NULL address, which is not allowed as a destination address. This would be sent from a station when it does not have an address to the MAC address server.
* C: Alternatively, a MAC address is created as a random one (in the AAI), which is used on a temporary basis. A bridge or access point would then replace this temporary address with a permanent one from the local administrator (the proxy).
* C: I think we should have pool of addresses that could be used by the proxy.

**P802.1CQ project organization within OmniRAN TG**

* More discussion is required on this project and there are some use cases which need consideration in a future meeting. Please can everyone use the OmniRAN mentor document folder for future submissions.

**Next Meeting**

* Chair: What about the next teleconference? I think this should be after the Pittsburg interim meeting perhaps between May and July 2018.
* Chair: Regarding the Pittsburg meeting, I'd add the 802.1CQ topic to the OmniRAN agenda.
* Chair: I also think that this 802.1CQ group should socialize with the other 802 WGs. For example, regarding the wireless groups 802.11/15; there are some initial connection issues which need to be considered.

## AOB

* Nothing brought up.

The meeting was adjourned by the chair at 10.00 AM ET.