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| Minutes of IEEE 802.1CF OmniRAN TG conference call on October 10th, 0930-1100AM ET | | | | |
| **Date: October 17th, 2017** | | | | |
| **Author(s):** | | | | |
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## Abstract

Minutes of the IEEE 802.1 OmniRAN conference call on October 10th, 2017

Chair: Max Riegel

Recording secretary: Hao Wang

## Call to order

* Meeting called to order by Max Riegel at 09:32AM ET
* Meeting was guided by the slides uploaded and maintained by the chair:  
  <https://mentor.ieee.org/omniran/dcn/17/omniran-17-0078-01-00TG-oct-10th-confcall-slides.pptx>

## Minutes

* Hao Wang volunteered to take notes.

## Attendance

* Participants

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| --- | --- |
| **Name** | **Affiliation** |
| Max Riegel | Nokia Bell Labs |
| Walter Pienciak | IEEE |
| Hao Wang | Fujitsu |
| Antonio de la Oliva | UC3M |

## 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:
* Minutes
* Reports
* Follow-up on actions defined during the editorial review at St. John's F2F
* Progress and agree on information model for Access network and User service
* Discuss and review text proposal for adoption of TSN in Chap 7.5 & 7.6
* Plans for upcoming F2F in Orlando, FL
* Topics for conference call on Oct 31st
* AOB
* Agenda approved without further requests.
* Antonio wondered how TSN might be addressed in 802.1CF draft, and whether it is related to 802.1CM front haul. Max explained that the main idea is around the centralized management model of 802.1Qcc fitting into the scope of 802.1CF. He asked Antonio to review the revision -1 and -2 of contribution of 17-0076 to learn more about the discussions in St. John’s.

## Review of minutes

* September 26th confcall minutes
* <https://mentor.ieee.org/omniran/dcn/17/omniran-17-0077-00-00TG-sep-26th-confcall-minutes.docx>
* No comments received on the minutes

## Reports

* NGMN liaison to IEEE 802 on 5G E2E Architecture
* <http://www.ieee802.org/secmail/msg21785.html>
* Chair notifies the liaison coming from NGMN to 802 (but also to a lot of other SDOs). He expressed that there wouldn’t be urgency for immediate response even the 5G E2E architecture is very closely related to 802.1CF. A response would require a more stable draft P802.1CF document – which is current top priority for OmniRAN TG.
* Hao informed that Adrian Stephens, the chair of 802.11, asked AANI SC to prepare a response to the NGMN liaison.
* Nothing else was reported.

## Follow-up on actions defined during the editorial review at St. John's F2F

* All actions resolved in the Sep 26th conference call.

## Progress and agree on information model for Access network and User service

* Introduction of 8.1 information model
* <https://mentor.ieee.org/omniran/dcn/17/omniran-17-0079-00-CF00-chap-8-1-information-model.docx>
* Max shortly presented the document currently only containing some introductory text for the chapter 8.1, and two mostly empty chapters waiting for the information model details.
* The document will be brought up for review and acceptance when populated with more content.
* Information model for user service
* <https://mentor.ieee.org/omniran/dcn/17/omniran-17-0081-00-CF00-user-service-information-model.pptx>
* Max presented his approach to establish the user service information model. Hao agreed that FDM does not belong to the user service model. Antonio as well as Hao appreciated the attempt and would support that Max should create a complete model for further considerations.
* The group is not sure yet, whether the approach would be finally accepted, but it would be worth to proceed along the chosen path.
* Structure of information model for the access network
* <https://mentor.ieee.org/omniran/dcn/17/omniran-17-0082-00-CF00-information-model-structure.pptx>
* Hao explained his approach to create an information model mainly for the network configuration aspect, providing to the NMS to use.
* He proposed to introduce a logical element ‘data interface’ together with a state to allow proper treatment of the logical element in the Network Management System according to the layer 3 of the 5 layer FCAPS model of TMN.
* Hao further introduced his findings on the information model of ATM access network, which is a combination of physical and logical elements. He attempted to use a likewise mesh structure to better show the relationship between the physical and logical elements rather than a tree structure, although the latter is more efficient to navigate a specific attribute.
* Max asked Hao to proceed along the chosen concept to find out about applicability for 802.1CF.
* Information model for the access network
* <https://mentor.ieee.org/omniran/dcn/17/omniran-17-0080-00-CF00-information-modeling-for-network-operation.pptx>
* Max shortly presented his investigations about the applicability of the OAMPT model, as he figured out that OAMPT would directly map with the structure of 802.1CF specification. Hao agreed that OAMPT would be more aligned than FACAPS to the structure of the 802.1CF specification, but FCAPS has much more acceptance in the industry.
* Hao and Max agreed that the current effort should focus on the OAM aspects, with ‘P’ left for further considerations once the base model is established.

## Discuss and review text proposal for adoption of TSN in Chap 7.5 & 7.6

* Contribution pending.

## Plans for upcoming F2F in Orlando, FL

* Scheduled meeting slots are attached to the meeting slides.
* New meeting structure with closing plenary on Friday introduced to TG. OmniRAN would have two sessions on Thursday. No modification request to the agenda proposal.

## Topics for conference call on Oct 31st

* Continuation of information modeling discussions in preparation for the Orlando meeting.

## AOB

* None

The chair adjourned the meeting at 11:17 AM ET.