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| Minutes of IEEE 802.1CF OmniRAN TG conference call | | | | |
| **Date: September, 29th, 2016** | | | | |
| **Author(s):** | | | | |
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# Tuesday, September 27th, 2016

## Abstract

Minutes of the IEEE 802.1 OmniRAN TG conference call on September 27th, 2016

Chair: Max Riegel

Recording secretary: Walter Pienciak

## Call to order

* Meeting called to order by Max Riegel at 09:36 AM ET.
* Meeting was guided by the slides uploaded by the chair before the call:  
  <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0064-00-00TG-sept-2016-confcall-slides.pptx>

## Minutes

* Walter Pienciak volunteered to take notes.

## Attendance

* Roll call

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| **Name** | **Affiliation** |
| Max Riegel | Nokia Networks |
| Walter Pienciak | IEEE |
| Yonggang Fang | ZTE TX |
| Hao Wang | Fujitsu |
| Fan Xiaojing | Fujitsu |

## 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:
* Review of minutes
* Warsaw F2F minutes
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0063-00-00TG-sept-2016-meeting-minutes.docx>
* Reports
* ?
* Contributions to P802.1CF D0.3
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0070-00-CF00-chapter-7-introduction.docx>
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0069-00-CF00-response-to-comments-on-revision-of-chapter-7-6-7.pptx>
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0060-01-CF00-chapter-7-6-7-revision.docx>
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0068-00-CF00-chapter-7-4-1-revision.pptx>
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0067-00-CF00-deployment-scenarios-for-home-network.docx>
* Conclusion on additions and amendments for P802.1CF D0.3
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0059-01-00TG-p802-1cf-d0-2-collected-comments.xls>
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0066-00-CF00-comments-on-p802-1cf-d02.xls>
* Planning update
* AoB
* Access network instantiation
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0065-00-CF00-virtual-access-network-instantiation.pptx>
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0071-00-CF00-key-concepts-of-an-instantiation.pptx>
* ?
* Agenda approved without further comments.

## Review of minutes

* Warsaw F2F minutes
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0063-00-00TG-sept-2016-meeting-minutes.docx>
* No comments raised to the minutes when showing the document.

## Reports

* Chair mentioned that 5G SC Action B3 led to a liaison send from 802.11 to the 3GPP RAN, now followed by a further liaison from EC to the 3GPP PCG. AANI is taking care of Action B3 in 802.11.
* No further reports were provided.

## Contributions to P802.1CF D0.3

* Review and acceptance of updated contributions
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0067-00-CF00-deployment-scenarios-for-home-network.docx>
* Wang Hao presented the contribution showing the well-fitting mapping of the architecture of a residential gateway to the P802.1CF Network Reference Model.
* Discussion brought up demand for a more explicit description, e.g. pointing out which of the Y.2070 functions and interfaces have direct relationship with functions and interfaces in 802.1CF NRM.
* The group asked the author to revise the document adding more details about the mapping of functions and interfaces.
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0070-00-CF00-chapter-7-introduction.docx>
* Max presented proposed text for the introduction of Section 7 Functional design and decomposition.
* The text was accepted for inclusion into D0.3 with the condition that a small amendment is added clarifying that section 7 also provides functional specification of network setup and fault discovery and maintenance.
* Max will distribute the revision by email to the participants for a check of the small amendment. If no concerns are raised the revision will be included into D0.3
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0068-00-CF00-chapter-7-4-1-revision.pptx>
* Wang Hao explained the issue of the location of the authenticator in the revised specification of 7.4.1.
* The group agreed that the issue is valid and the proposed remedy is appropriate. The proposed modification will be adopted to D0.3
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0069-00-CF00-response-to-comments-on-revision-of-chapter-7-6-7.pptx>
* Wang Hao presented the slides providing further background on the text proposal submitted by comment #56
* The group agreed that the proposed request acknowledge messages indeed make sense, and that <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0060-01-CF00-chapter-7-6-7-revision.docx> should be adopted for D0.3, which explicitly mentions that the acknowledge message is send after integrity check.

## Conclusion on additions and amendments for P802.1CF D0.3

* Warsaw comments database
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0059-01-00TG-p802-1cf-d0-2-collected-comments.xls>
* The chair inserted in the comments table the closure of comment #56 and uploaded a revised version:
* Late submission of comments on chapter 8.1
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0066-00-CF00-comments-on-p802-1cf-d02.xls>
* The group reviewed shortly the late comments’ submission mainly addressing editorial and technical issues in chapter 8.1 on SDN.
* While the editorial issues can be easily adopted by the editor for D0.3, the technical issues require more comprehensive review together with the original author of section 8.1.
* The chair will inform Antonio de la Oliva about the comments and will ask for an email response to resolve the comments. If Antonio requires more input and discussions, the open comments will be put on the agenda of the next conference call on October 25th inviting both Yonggang and Antonio for participation.
* Agreed list of amendments and additions for D0.3
* The following documents will be adopted for the creation of revision D0.3:
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0059-02-00TG-p802-1cf-d0-2-collected-comments.xls> and all the documents referenced in the resolution column of the spreadsheet.
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0060-01-CF00-chapter-7-6-7-revision.docx>
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0058-01-CF00-chapter-7-4-revision.docx>
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0068-00-CF00-chapter-7-4-1-revision.pptx>
* Editorials comments listed in <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0066-00-CF00-comments-on-p802-1cf-d02.xls>
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0070-01-CF00-chapter-7-introduction.docx>, when no concerns raised in the email approval

## Planning update

* The chair brought up and reviewed the plan established at the Warsaw meeting. The completion of comments’ resolution was done in conference call on Sept 27th.as well as the decision about the amendments adopted to D0.3. The remaining actions of the plan for creation of D0.3 are still valid:
* 15 days recirculation closing Nov 3rd
* Announcement of recirculation on Oct 17th

## External review of P802.1CF-D0.3

* The following potential actions were reviewed.
* Plan to present P802.1CF in ‘intarea’ meeting at next IETF (Nov 14-17, Seoul, Korea)
* The plan was discussed and agreed at the IETF/IEEE leadership meeting in Paris on September 9th. If none of the OmniRAN core members are attending the IETF meeting in Korea, Juan Carlos Zuniga would bring up the presentation.
* Walter indicated that he would attend the IETF meeting in Korea and would be able to present if the session is taking place later in the week.
* Preparation of the slideset and decision about the presenter will be done at the San Antonio meeting, which is taking place the week before of the IETF meeting.
* TTC Japan; Introduction done by Fujitsu
* Request for access to specification
* So far, no request for the specification has been received. Chair asked to forward the request to him for clarification with 802.1 chair Glenn Parsons.
* Other groups?
* No further groups are currently considered for distribution of the draft specification. It may change in the course of the ‘5G SC Action A’ discussions and when interest in the OmniRAN work is popping up within other groups.

## AOB

* Access network instantiation
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0065-00-CF00-virtual-access-network-instantiation.pptx>
* Yonggang introduced his thoughts on the network instantiation. There was agreement that instantiation has to be followed by initialization. The proposed message flow did not find agreement.
* <https://mentor.ieee.org/omniran/dcn/16/omniran-16-0071-00-CF00-key-concepts-of-an-instantiation.pptx>
* Max presented his initial thoughts to structure the instantiation by showing relationship between orchestrator and OSS/BSS system of access network operator, which is the agreed entity issuing the requests to the orchestrator.
* The four presented use cases found acceptance with Yonggang mentioning that there might be additional use cases to be taken into account.
* Further discussion is required regards message flows. There was a slight preference for direct message flows between OSS/BSS and orchestrator for the creation and removal of ANC, NA and BH instances.
* Revisions or a joint contribution have been invited to achieve conclusion about the basic concepts of instantiation.
* No other issues were brought up.
* The chair reminded that the next conference call will take place on October 25th, 0930-1100AM ET

## Meeting adjourned by the chair at 11:13 AM ET