|  |
| --- |
| Minutes of IEEE 802.1 OmniRAN TG March 5th – 8th Meeting in Rosemont, US |
| **Date: March 20th, 2018** |
| **Author(s):** |
| **Name** | **Affiliation** | **Address** | **Phone** | **email** |
| Hao Wang | Fujitsu |  | +86 010 59691521 | wangh@cn.fujitsu.com |

## Abstract

Minutes of the IEEE 802.1 OmniRAN TG meeting at the IEEE 802.1 Plenary Meeting in Rosemont, US on March 05-08, 2018

Since the last F2F meeting held in Geneva, OmniRAN TG held two conference calls. The minutes and notes can be found on the mentor. They have been reviewed and accepted by the TG.

* Confcall on 13th, February
* https://mentor.ieee.org/omniran/dcn/18/omniran-18-0017-00-00TG-feb-13th-confcall-minutes.docx
* Confcall on 27th, February
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0022-00-00TG-feb-27th-confcall-minutes.docx>

# Monday, March 05th, 2018

Chair: Max Riegel

Recording secretary: Hao Wang

## Call to order

* Meeting called to order by Max Riegel at 13:35 hrs.
* Meeting was guided by the slides uploaded and maintained by the chair:
<https://mentor.ieee.org/omniran/dcn/18/omniran-18-0016-01-00TG-mar-2018-f2f-meeting-slides.pptx>

## Minutes

* Hao Wang volunteered to take notes.

## Attendance

* IEEE 802.1 meeting IMAT page was used for recording of attendance
* Participants

|  |  |
| --- | --- |
| **Name** | **Affiliation** |
| Max Riegel | Nokia Bell Labs |
| Hao Wang | Fujitsu |
| Hajime Koto | NICT |
| Tomoki Ohsawa | NICT |
| Akio Hasegawa | ATR |
| Nader Zein | NEC |
| Kenichi Maruhashi | NEC |
| Yonggang Fang | ZTE TX |
| Paul Bottorf | Aruba HP |
| Walter Pienciak | IEEE |
| Larry McMillan | Western Digital |
| Paul Congdon | Huawei |
| Glenn Parsons | Ericsson |
| Roger Marks | EthAirNet Assoc. |
| Radnakrishna Carchi | Kyocera |
| Fumiko Ohori | NICT |
| Ryoko Matsuo | Toshiba |
| Harry Bims | Bims Laboratories, Inc |

## IEEE WG Guidelines

* The chair presented the mandatory IEEE SA guideline slides and asked for anybody willing to make an IPR announcement.
* No IPR declarations were brought up.

## Agenda approval

* Agenda as proposed in the chair’s meeting slides was presented and discussed.
* Review of minutes
* Reports
* IC NEND contributions review
* Status of P802.1CF D1.0 comment resolution
* Documentation of P802.1CF D1.0 comment resolution
* Review of contributions addressing unresolved P802.1CF/D1.0 comments
* Plan for 802.1CF-D1.1 draft and recirculation ballot
* Conference calls until Jul 2018 F2F
* Status report to IEEE 802 WGs
* Next meeting
* AOB
* Agenda approved without further comments.

## Schedule of the topics during the week

* Chair discussed availabilities of the contributors and preferences to discuss the various topics.
* Group agreed to arrange the discussion topics according to the following plan over the week:
* ***Monday***
* Review of minutes
* Reports
* IC NEND contributions review
* Status of P802.1CF D1.0 comment resolution
* ***Tuesday***
* Status of P802.1CF D1.0 comment resolution
* Documentation of P802.1CF D1.0 comment resolution
* Review of contributions addressing unresolved P802.1CF/D1.0 comments
* ***Wednesday***
* Editor ad-hoc session: review of editorial issues of comment resolution
* ***Thursday***
* Review of contributions addressing unresolved P802.1CF/D1.0 comments
* Plan for 802.1CF-D1.1 draft and recirculation ballot
* Conference calls until Jul 2018 F2F
* Status report to IEEE 802 WGs
* Next meeting
* AOB

## Review of minutes

* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0011-00-00TG-jan-2018-f2f-meeting-minutes.docx>
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0017-00-00TG-feb-13th-confcall-minutes.docx>
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0022-00-00TG-feb-27th-confcall-minutes.docx>
* Chair introduced minutes to group explaining main achievements of the meetings.
* No comments were raised.

## Reports

* News were already shared in the IEEE 802.1 opening plenary.
* No further information was provided.

## IC NEND contributions review

* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0020-00-00ic-wireless-applications-and-usage-scenarios-for-flexible-factory-iot.pdf>
* Presentation of basic concepts by Kenichi Maruhashi. Group provided feedback on a number of aspects.
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0021-00-00ic-draft-report-wired-wireless-use-cases-and-communication-requirements-for-flexible-factories-iot-bridged-network.docx>
* Nader walked through the document with comprehensive discussion of the content and partially also the wording. Group provided feedback on content and potential ways to further evolve the document.
* It is suggested to show building blocks for section 6, e.g try to break the standard list into category and to show different aspects of standards being used in the factory scenario. Refer to the tech domains covered in TSN, i.e sync, latency, reliability and resource management and the three traffic types.
* Discussions lead to a conclusion that in the scenario where wireless connections is widely deployed, future TSN specification should take the constraint of shared resources into account.

## Status of P802.1CF D1.0 comment resolution

* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0006-04-CF00-d1-0-collected-comments.xls>
* Chair showed the roughly 20 open comments, which should be addressed and resolved during the meeting.

Recessed by chair at 18:00

# Tuesday, March 06th, 2018

Reconvened at 13:30

* Reminder-call for IPR: Nothing brought up.

## Documentation of P802.1CF D1.0 comment resolution

* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0018-00-CF00-d1-0-comment-resolution-java-tool.zip>
* Chair briefly introduced the Java tool containing all the received comments on .1CF D1.0
* Java tool will be used to officially document the outcome of the comment resolution process as it generates the required report.

## Review of contributions addressing unresolved P802.1CF/D1.0 comments

* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0003-01-CF00-d10-ch6-9-multiple-lan-enterprise-network.docx>
* Final redrawing is necessary, but otherwise accepted.
* Max will create further revision containing updated figure.
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0004-01-CF00-d10-ch6-9-industrial-network.docx>
* Contribution is accepted to be included in the next draft.
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0005-00-CF00-d10-ch6-9-virtualized-wlan-access-network.docx>
* Deployment scenario was briefly introduced to group. No immediate comments came up, but final conclusion on acceptance of document was postponed to upcoming confcall to allow participants more thorough review.
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0014-00-CF00-clause-7-8-fdm-amendment.docx>
* No update submitted for meeting, the pending revision will be provided after the conclusion on the comments on information model in clause 8.1.

Recessed by chair at 17:56

# Wednesday, March 07th, 2018

Reconvened at 16:00

* Reminder-call for IPR: Nothing brought up.

## Editor ad-hoc session: review of editorial issues of comment resolution

* The group continued working on the editorial issues of D1.0.
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0024-00-CF00-d1-0-comment-7-12-152-remedy-proposal.docx>
* Accepted. Final conclusion contained in revision -01
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0024-01-CF00-d1-0-comment-7-12-152-remedy-proposal.docx>

Recessed by chair at 17:56

# Thursday, March 08th, 2018

Reconvened at 10:30

* Reminder-call for IPR: Nothing brought up.

## Review of contributions addressing unresolved P802.1CF/D1.0 comments

* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0019-00-CF00-rewording-of-sdn-chapter.docx>
* Discussion led to revision containing several text edits\*:
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0019-01-CF00-rewording-of-sdn-chapter.docx>
* Figures may be outdated and the edits were made based on a previous version of the text. Therefore the editor is asked to apply the edits highlighted in the contribution to the latest version of the SDN clause.
* Conclusion was made in the group to move SDN and NFV sections into annex as both chapters provide further background information to the specification, but do not directly add to the core content.
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0023-00-CF00-proposal-to-amend-the-configuration-and-maintenance-model.pptx>
* A first proposal on how to restructure the information model was discussed and agreed. The conclusions of the discussion are captured in a revision of the presentation:
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0023-01-CF00-proposal-to-amend-the-configuration-and-maintenance-model.pptx>
* Concepts shown in revision accepted for creation of revision text to clause 8.1
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0025-00-CF00-d1-0-comment-5-6-10-remedy-proposal.pptx>
* Revision accepted for inclusion into the next revision
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0025-01-CF00-d1-0-comment-5-6-10-remedy-proposal.pptx>

*\* Note: Chair agreed with Walter, editor of 802.1CF, on the special handling of Antonio's SDN chapter revision. Because Chair discovered that his edits were based on a previous version of the chapter and asked Walter to apply the edits highlighted in the document to the text in D1.0.*

## Plan for 802.1CF-D1.1 draft and recirculation ballot

* Next draft numbered 2.0 due to the major changes introduced
* A full 30days WG ballot will be performed to accommodate sufficient review of the many major changes and to ensure consistency across the specification.
* Next WG ballot should close just before May interim to allow for comment resolution at the interim meeting in Pittsburgh
* Rough plan for going forward
* April 3rd, close all the comment resolutions, 13th, will review the final draft D2.0 before ballot, upload redline and clean document both to the server
* Need to extend PAR of 802.1CF in July, because PAR will be ended on Dec.2018.
* Chair announced that there will be a joint session with 802.24 on PM2 introducing the progress of 802.1CF.
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0027-00-00TG-p802-1cf-for-vertical-applications.pptx>

## Conference calls until Jul 2018 F2F

* Agreed to run 3 conference calls on March 20, April 3 and April 13 for preparation of the D2.0 draft
* Further calls after Pittsburgh interim announced on 802.1 mailing list with 10days notice.
* Motion slide prepared (in the meeting slides) for approval by the closing plenary.

## Status report to IEEE 802 WGs

* Status report drafted by chair and reviewed by group. Agreed report uploaded to mentor
* <https://mentor.ieee.org/omniran/dcn/18/omniran-18-0026-00-00TG-ma-2018-report-to-ieee-802-wgs.pptx>

## Next meeting

* Conference call on March 20th, 09:30AM ET

## AOB

* A final check of the status of D1.0 comment resolution was performed: no further open issues than the well-known opens were detected.

Meeting adjourned by chair at 15:00.