IEEE 802.1 OmniRAN TG

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| Minutes of 802.1 OmniRAN TG Meeting in Athens, GR | | | | |
| Date: September 15-18, 2014 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
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Abstract

Minutes of the 802.1 OmniRAN TG meeting from face to face meeting in Athens, Greece, from 15th to 18th of September, 2014.

**Monday, September 15th, 2014**

Chair: Max Riegel

Recording secretary: Juan Carlos Zuniga

**Call to order**

* Meeting called to order on Monday, Sept 15th, 2014 by Max Riegel at 13:50 EET (local time).

**Attendence**

* Attendence was recorded by signing daily on an attendance record sheet.
* Roll call

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| **Name** | **Affiliation** |
| Max Riegel | Nokia Networks |
| Juan Carlos Zuniga | Interdigital |
| Walter Pienciak | IEEE SA |
| Antonio de la Oliva | UC3M |
| Dick Roy | SRA |
| Behcet Sarikaya | Huawei |
| HuamPung Lu | NICT |
| George Flammer | SSN |
| Yonggang Fang | ZTE |
| Charlie Perkins | Huawei |

**IEEE WG Guidelines**

* The chair presented the mandatory IEEE SA meeting slides and made a call for potentially essential patents.
  + No response was received.

**Notes taker**

* Juan Carlos Zuniga volunteered to take notes.

**Agenda**

* Agenda as proposed in the chair’s meeting slides:
  + <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0064-01-00TG-september-2014-f2f-meeting-slides.pptx>
* Review of minutes
* Reports
* P802.1CF contributions
  + ToC
  + Network reference model
  + Functional design and decomposition
  + SDN Abstraction
* Related discussions in 802 WGs
* Demand for liaisons
* Status report to IEEE 802 WGs
* AOB
  + When asking for potential amendments to the agenda, no issues were raised
  + No objections raised against adoption of agenda proposal for Athens meeting.

**Attendence recording**

* Chair explained that attendance will be documented by a paper sheet circling around.
  + Daily sign in required to get 802.1 attendance credits
  + There are reciprocal attendence credits with 802.11 and 802.15
* Chair announced that he will forward attendance recording to the chairs of 802.1, 802.11 and 802.15 for providing attendance credits.

**Review of minutes of the Sept 4th conference call**

* <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0062-00-00TG-sept-4th-meeting-minutes.docx>
* Chair asked for any comments on the minutes as available on mentor
  + No comments were raised

**Reports**

* Report and discussion of recent liaison activities between IEEE 802.1 and ITU
  + [http://www.ieee802.org/1/files/public/docs2014/liaison-ieee802response-ITUTSG15-LS114-v1.docx](http://www.ieee802.org/1/files/public/docs2014/liaison-ieee802-ITU-T-JCA-SDN-v1.docx)
  + <http://www.ieee802.org/1/files/public/docs2014/liaison-ieee802-ITU-T-JCA-SDN-v1.docx>
  + No feedback received yet on liaison letters
* Juan Carlos reported about the newly established Privacy ECSG
  + <https://mentor.ieee.org/privecsg/dcn/14/privecsg-14-0007-01-ecsg-update-to-802-wgs-at-sep-interim-meetings.pptx>
  + Discussion about scope of potential measures in IEEE 802
  + E.g.: <http://www.ieee802.org/1/files/public/docs2014/new-addresses-thaler-local-address-acquisition-0714-v2.pdf>
* Update on ONF:
  + Postponed to Thursday afternoon session, as ONF currently met F2F the same week

**P802.1CF contributions**

* Schedule for discussions
  + ToC
    - No contribution available
  + Network reference model
    - <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0066-00-CF00-vlans-within-the-scope-of-nrm.pptx> - Mon PM2
    - Contribution by JC and Antonio pending – to be presented on Wed PM1 & PM2
  + Functional design and decomposition
    - <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0065-00-CF00-key-concepts-of-nds.pptx> - Tue PM1
  + SDN Abstraction
    - No contribution available
* Network reference model
  + <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0066-00-CF00-vlans-within-the-scope-of-nrm.pptx>
    - Max Riegel presented doc 14-66r0
    - Contribution raised several questions regards handling of backhaul in the NRM. No final conclusion was reached but common understanding that representation of backhaul in NRM requires further contributions.
    - Group discussion agreed on the need to further define interfaces to the control entity to clarify its functionality, including inputs from docs 14-24r0 and 14-51r1

**Meeting recessed at 17:55 hrs**

**Tuesday, September 16th, 2014**

**Meeting reconvened at 13:40 EET by Max Riegel**

**P802.1CF contributions, cont.**

* Functional design and decomposition
  + <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0065-01-CF00-key-concepts-of-nds.pptx>
  + Max providing overview of existing NDS solutions in 802 specifications
  + Discussion led to refinements in terminology and structure
    - <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0065-02-CF00-key-concepts-of-nds.pptx>
  + Based on the agreements documented in revision 02 Max will create a specification text proposal for review in an upcoming F2F meeting.

**Related discussions in 802 WGs**

* Dick Roy provided introduction of ITS use cases as presented to IEEE 802.21
  + <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0067-00-CF00-its-use-cases.pptx>
  + Group discussed which parts of ITS would belong to the scope of P802.1CF, as ITS specifies all layers of the ISO OSI model up to layer 7.

**Meeting recessed at 17:15 EET by chair**

**Wednesday, September 17th, 2014**

**Meeting reconvened at 13:40 EET by Max Riegel**

**P802.1CF contributions, cont.**

* Network reference model
  + Antonio presented a text contribution proposing basic concepts and terminology of the P802.1CF Network Reference Model.
  + <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0068-00-CF00-generic-ieee-802-network-reference-model.docx>
  + Comprehensive discussions took place in order to determine common understanding of the basics of the NRM
  + During the discussion the text and the figures of the contribution were revised to guide the flow of the discussion and capture achieved agreements.
  + The edits resulting out of the group discussions were captured in a revision to the contribution
    - <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0068-01-CF00-generic-ieee-802-network-reference-model.docx>

**Meeting recessed at 16:30 EET by the chair**

**Thursday, September 18th, 2014**

**Meeting reconvenied at 13:40 EET by Max Riegel**

**Reports**

* Update on ONF:
  + Done by Charlie Perkins based on <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0009-01-0000-onf-wireless-and-mobile-wg-status-update.pptx>
  + Charlie explained that consortium agreement of ONF does not allow to present internal material to the public, e.g. 802.1 OmniRAN TG. Therefore he provided verbal report making use of previous slides for visual guidance
  + Mentioning that there is quite some reluctance in ONF on liaison activities. If OmniRAN TG likes to bring results to the attention of ONF, it would be better when Paul or Charlie would make an ‘individual’ presentation to the groups collecting comments instead of asking the ONF leadership for official response.

**P802.1CF contributions, cont.**

* Network reference model
  + The chair presented a couple of slides prepared by him to document the agreements reached in the NRM discussions
  + <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0069-00-CF00-athens-nrm-conclusions.pptx>
  + Editing the slides the chair progressed the documentation of the common understanding on basic NRM
  + Unanimous conclusion was reached on basic terminology and concepts of OmniRAN NRM as described in <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0069-01-CF00-athens-nrm-conclusions.pptx>
  + All participants did expressively agree with the concepts and terminology shown in the resulting slides.

**Need for liaisons**

* No urgent need for liaisons was expressed by group
* Initial OmniRAN specification might be introduced to ONF by making a contribution via Paul/Charlie
  + Asking for individual feedback of participants
  + No need for official response by ONF
* Other organizations under consideration for sharing initial specification
  + Small Cell Forum
  + Wireless Broadband Alliance
  + Metro Ethernet Forum
  + ITU-T SG15
  + BBF E2E Architecture
  + ETSI NFV

**Status report to IEEE 802 WGs**

* Chair created ‘on-screen’ draft proposal for status report by leveraging the slide set created at the end of the last F2F meeting.
* Online editing took place accommodating the comments and hints raised by the group resulting in a final proposal for the status report
  + <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0070-00-00TG-sep-2014-status-report-to-802-wgs.pptx>
* No further comments were raised against presenting and forwarding the slides to other 802 WGs.

**AOB**

* Nothing was raised

**Adjournment**

* Meeting adjourned at 17:45 EET