IEEE 802ECSG
OmniRAN

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| Minutes of OmniRAN EC SG Meeting in Beijing, China  |
| Date: March 17-21, 2014 |
| Author(s): |
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Abstract

Minutes of the OmniRAN EC SG meeting from face to face meeting in Beijing, from 17th to 21st of March, 2014.

**Tuesday, March 17th, 2014**

Chair: Max Riegel

Recording secretary: Juan Carlos Zuniga

**Call to order**

* Meeting called to order on Tuesday January 21, 2014 by Max Riegel at 9:22 hrs (China Standard Time).

**Appointment of secretary**

* Secretary position remains open as no volunteer showed up.
* Juan Carlos Zuniga volunteered to take notes

**Attendence**

* Attendence was recorded by attendance paper sheet and is contained in the OmniRAN ECSG attendance list:

<https://mentor.ieee.org/omniran/dcn/13/omniran-13-0045-04-ecsg-omniran-ecsg-f2f-attendance.pdf>

**Agenda**

* Agenda as proposed in the chair’s meeting slides:
	+ <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0022-00-ecsg-mar-2014-f2f-agenda-and-meeting-slides.pptx>
	+ Approval of minutes
	+ Reports
	+ Example contributions to the intended specification
	+ Outline of the intended specification
	+ Organization of the work
		- Cooperation with the other IEEE 802 WGs
	+ Operation within IEEE 802.1
	+ Location of May 2014 session
	+ Conference calls until May 2014 session
	+ Motion to extend the ECSG until July 2014
	+ Liaison report to IEEE 802 WGs
	+ AOB
* Discussion
	+ Question came up why another extension is necessary
		- Max Riegel explaned the logistics required to keep the group running during the transition period between EC SG and approved 802.1 project.
* Approval
	+ Chair asked for any modifications to the approved agenda
	+ No request came up
	+ Chair asked for any objections against approval of proposed agenda
	+ As no objections were raised the chair declared the proposed agenda as approved.

Meeting recessed at 10:00 hrs for morning break according to meeting schedule

Meetign reconvenied at 10:35 hrs

**Approval of minutes**

* <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0018-00-ecsg-minutes-of-omniran-ec-sg-teleconference-of-2014-02-26.docx>
* Chair asked for any comments on the minutes as available on mentor since Feb 26
	+ No comments were raised
* Chair asked for approval of the minutes
	+ Minutes of February teleconference were approved without objections

**Reports**

* Chair reported about short presentation and discussion in IEEE 802.1 on Monday morning.
	+ <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0021-00-ecsg-mar-2014-802-1-opening-report.pptx>
	+ Essential slides of the presenation contained in this slide deck on the following 2 pages
	+ Discussion concluded that a motion should be brought up in the closing 802.1 plenary on Thursday to establish OmniRAN P802.1CF as a task group in IEEE 802.1.

**Example contributions to the intended specification**

* Yonggang Fang: IEEE 802-based RAN setup
	+ <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0024-00-0000-an-setup.pptx>

Group discussion:

* + Max: Is SA inside or outside RAN?
	+ YF: This is a function defined in 802.19.1
	+ JCZ: We all agree on the point that we are defining the interface with the 802 technologies. What we don't have agreement is on the definition of RAN, as some people refer to it as administrative domain, and some other people refer to it as 802 access technologies.
	+ Max: for me it is 802 access technologies, defined in 802 specifications
	+ JCZ: Yonggang is referring to our earlier diagrams, which were depicting the RAN as administrative domain. In any case, I think we agree on the scope and terminology is something we can clarify later on.
	+ Max: We should first show what we have, and then what needs to be done
	+ Yonggang: The whole SDN concept is new, so we cannot take existing
	+ Max: We need to show what is already there and then what are the missing parts. Probably better to understand the architecture without SDN and then expand into the SDN arena to see what differences are there
* Behcet Sarikaya: Example Network Detection Selection and Point to Point Link Text
	+ <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0019-00-0000-example-network-detection-selection-and-point-to-point-link-text.pdf>

Discussion:

* + JCZ: This contribution is confusing. Needs to add a cover page to make clear it is an individual contribution and also make changes to the template
	+ BS: Will make changes and remove the first sections (before 7.4), adding a cover page
	+ Max: The functional description above L2 is out-of-scope for this group. It can be given as informational notes
	+ Max: requirements need to be derived first before writing specification text

**Outline of the intended specification**

* Yonggang Fang: ToC update
	+ <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0013-01-0000-omniran-toc-update.pptx>

Discussion:

* + Max: Why are you separating the reference points? I don’t see a benefit to split
	+ YF: it is easier to describe the multiple reference points in different sections
	+ Max: SDN-specifics should go on a separate section
	+ Yonggang: I’m confused about whether architecture details should be separated or not
	+ Max: we are at the point where we need more information to decide where things go
	+ JCZ: I agree. Until we don’t see the details it is hard to understand where things belong. It is best to first see the details and then decide the best way to capture them in the document.

**Organization of the work**

* Cooperation with the other IEEE 802 WGs
* Max Riegel: Cross-WG cooperation on OmniRAN P802.1CF; E.g.: Network Discovery and Selection
	+ <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0023-00-0000-omniran-cross-wg-cooperation-example-nds.pptx>
	+ Max: Slide 4 shows clearly the interfaces that are in scope for OmniRAN
	+ Slide 12: differences between access technologies and identifiers.

Discussion:

* + YF: what is the difference between ANI and AN-id?
	+ Max: ANI is Interface, whereare id is the identifier. For 802.11 the former one is BSSID and the latter is HESSID, uniquely identifying a network.

Meeting recessed at 12:38 hrs.

**Thursday, March 19th, 2014 AM2**

**Call to order**

Meeting reconvenied at 10:40 hrs by Max Riegel.

* Max Riegel provided an introduction into the status of work based on Mar 2014 F2F agenda and meeting slides
	+ <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0022-01-ecsg-mar-2014-f2f-agenda-and-meeting-slides.pptx>

Group discussion:

* + Demir: Need to provide a framework for implementers to clearly identify requirements to integreate systems with different 802 technologies.

**Operation within IEEE 802.1**

**Location of May 2014 session**

**Conference calls until May 2014 session**

* The three preceeding topics were handled together by the following slides:
* <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0027-00-ecsg-omniran-ecsg-proposals-towards-ieee-802-1.pptx>
* Group agreed to meet with 802.1 TGs at the interim in Norfolk
* Discussion of proposed slide set let to a revision with multiple amendments.
* <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0027-01-ecsg-omniran-ecsg-proposals-towards-ieee-802-1.pptx>

Motion:

* Approve the slide set and the embedded motions to be brought up to IEEE 802.1
	+ Moved: Juan Carlos Zuniga
	+ Seconded: Behcet Sarikaya
	+ Vote: 8 yes/0 no/0 abstain
* Motion to forward the document to 802.1 unanimously approved.

**Motion to extend the ECSG until July 2014**

* <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0028-00-ecsg-mar-2014-ec-closing-motion.pptx>

Motion:

* Provide this report and the motion to extend the OmniRAN EC SG to the closing EC meeting.
	+ Moved: Juan Carlos Zuniga
	+ Second: Yonggang Fang
	+ Vote: 8 yes/0 no/0 abstain
* EC SG unanimously approved to forward motion to EC closing meeting.
* The amended document was send by the chair to the EC:
<https://mentor.ieee.org/omniran/dcn/14/omniran-14-0028-01-ecsg-mar-2014-ec-closing-motion.pptx>

**Liaison report to IEEE 802 WGs**

* A draft of the liaison report was assembled containing a slide on the OmniRAN EC SG status, a slide on the future set-up in 802.1 (to be finalized after the 802.1 closing plenary), a slide on the envisioned activities until July plenary and a slide on the Wireless SDN BoF.
* Chair created final report after the 802.1 closing plenary with latest information.

<https://mentor.ieee.org/omniran/dcn/14/omniran-14-0031-00-ecsg-mar-2014-liaison-report.pptx>

**AOB**

* Chair brought up the ITU-R liaison on future communication network architectures to announce a discussion in the next teleconference on a potential response of IEEE 802.

<https://mentor.ieee.org/omniran/dcn/14/omniran-14-0014-00-0000-itu-r-347rev2e-ls-eos.docx>

**Adjournment**

* Meeting adjourned at 12:34 hrs CST