IEEE 802ECSG
OmniRAN

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| Minutes of OmniRAN EC SG Conference Call on June 20th , 2013 |
| Date: 22-June-2013 |
| Author(s): |
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Abstract

Minutes of the OmniRAN EC SG conference call on June 20th, 2013.

**Thursday, June 20th, 2013, 09:00 to 11:00 AM ET**

Chair: Max Riegel

Recording secretary: Antonio de la Oliva, Juan Carlos Zuniga

**Call to order**

* Meeting called to order on Thursday, June 20th, 2013 by Max Riegel at 09:05am (ET).

**Appointment of recording secretary**

* Antonio and Juan Carlos will take notes
* Secretary position remains open due to missing volunteer

**Roll Call**

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| **Name**  | **Affiliation**  |
| Max Riegel  | NSN  |
| Juan Carlos Zuniga  | Interdigital  |
| Antonio de la Oliva  | UC3M  |
| Sam Sambasivan | AT&T |
| Roger Marks  | Consensii  |
| Walter Pienciak | IEEE SA |

**Agenda**

* Agenda proposal:
 [https://mentor.ieee.org/omniran/dcn/13/](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0031-00-ecsg-may-2nd-conference-call.pptx)omniran-13-0046-00-ecsg-june-20th-conference-call.pptx
	+ Call Meeting to Order
	+ Secretary position
	+ Approval of minutes of May 2013 F2F session
	+ Reports
	+ Updates to use cases documents
	+ Review of functional requirements and gaps to existing IEEE 802 standards
	+ Plan for July 2013 F2F session
	+ Dissemination of OmniRAN SG results into IEEE 802 working groups
		- 802.1
		- 802.3
		- 802.11
		- 802.15
		- 802.16
		- 802.21
		- 802.22
		- 802.24
		- Other WGs and SC
	+ Liaisons with IETF and other external SDOs
	+ Agenda for July ’13 plenary session
	+ AOB
	+ Adjourn
* Agenda approved without objections

**Approval of minutes**

* Draft minutes of Waikoloa F2F session available, however not yet uploaded
	+ Juan Carlos will review and amend if necessary
* Approval postponed to the next meeting

**Reports**

* Early planning request from 802.11 received
	+ Discussion in 802.11 ARC SC agreed with reporting into mid-week plenary
	+ Bruce will spend more time in 802.11 closing plenary if necessary
* No response from 3GPP yet
* Antonio made aware of European workshop in Berlin in October on wireless SDN
	+ http://www.ewsdn.eu/
	+ Would be interesting to take part if OmniRAN continues; place to rise awareness
	+ Another possibility would be participation in European Wireless May 2014 in Barcelona
	+ Potential deployment mentioned by providing IEEE 802 parameters to ALTO servers

**Updates to use cases documents**

* Updates on SaMOG and SEP2 planned for Jul F2F
* No current plan to revise SDN document

**Review of functional requirements and gaps to existing IEEE 802 standards**

* No further actions since Waikoloa F2F session

**Plan for July 2013 F2F session**

* Main topic will become completion of tasks as required by March EC closing plenary according to the motion text.
* Established timeline remains unchanged as study group is well in time to deliver results
* Draft slide set summarizing conclusions on scope, results of gap analysis and providing proposals for further proceeding was prepared by the chair and uploaded just before the conference call
	+ <https://mentor.ieee.org/omniran/dcn/13/omniran-13-0048-00-0000-omniran-ecsg-results-and-outlook.pptx>
	+ Chair presented slides leading to discussion and a number of hints for enhancements
	+ ‘OmniRAN’ is the abstraction of an access network – clarifying that OmniRAN denotes the architectural model, not the process to create one
	+ Presentation of gap analysis results requires some refinement but should stay with 3 slides in general to keep presentation time below 30 mins
	+ Slide 17
		- Add something regarding mobility and cost of dynamic configuration --> solution in the SDN scenario
		- Add also providing backbone acknowledge and cost issue, clarify the dynamic configuration issue
	+ Revised slide necessary for SDN mapping to the OmniRAN reference model
		- Add one slide showing the mapping to all Reference points, visualisation
		- Point specific WGs in which functionality should be added
		- Need to expose the bridging function
	+ Conclusion slide
		- Leave ‘normative’ and ‘informative’ open as it prejudges organizational arrangements
		- Need to understand what are the technical groups you need to coordinate
		- Handling 802 attributes in IP protocols
	+ Some small edits were introduced into a revision of the document
		- <https://mentor.ieee.org/omniran/dcn/13/omniran-13-0048-01-0000-omniran-ecsg-results-and-outlook.pptx>
	+ We can discuss how to implement this considering lessons learnt from 802.21 in Geneva
	+ In case SG is extended, should consider possible outcomes: WG, TG (from an existing WG), or TAG
	+ OmniRAN should:
		- Encourage evolution work in WGs (to address advanced use cases),
		- Perform coordination to enable a harmonized solution encompassing multiple 802 technologies
	+ It was agreed that the slides will build the base for the presentation for dissemination and discussion of OmniRAN results with the working groups.
* Juan Carlos proposed ‘crisp’ wording for OmniRAN:
	+ OmniRAN: Generic 802 [backhaul/] access network specification, including architecture definition, communication protocols and link-specific parameters usage

**Dissemination of OmniRAN SG results into IEEE 802 working groups**

* 802.1
	+ Chair will ask for presentation time in 802.1
	+ Missing p-t-p support needs more comprehensive background and slides
* 802.3
	+ Chair will ask for presentation time in 802.3
	+ Some more slides on 802.3 gaps necessary
* 802.11
	+ joint meeting w/ ARC; short presentation in mid-week
* 802.15
	+ Chair will ask for presentation time in 802.15
* 802.16
	+ Report to 802.16 closing plenary on Thu PM2
* 802.21
	+ Chair will ask for presentation time in 802.21
* 802.22
	+ Chair will ask for presentation time in 802.22
* 802.24
	+ Chair will ask for presentation time in 802.24
* Other WGs and SC
	+ 802.19, 802.18
		- Should be directly addressed as well.
		- Show how OmniRAN would benefit their work

**Liaisons with IETF and other external SDOs**

* Initiate informal information exchange with Bernd Aboba to discuss further dissemination into IETF

**Agenda for July ’13 plenary session :**

* Initial agenda proposal by chair:
	+ Call Meeting to Order
	+ Attendance recording
	+ Secretary position
	+ Approval of minutes
	+ Reports
	+ Review dissemination of OmniRAN SG results into IEEE 802 WGs
	+ Review of communication and dissemination with external organizations
	+ Conclusion on OmniRAN use cases
		- Gap analysis for the agreed use cases
		- Documentation of results
	+ Potential standardization topics for IEEE 802
	+ Refine scope of OmniRAN EC SG (crisp words)
	+ Report slides for EC Closing Session
	+ Summary report for communication inside IEEE 802
	+ AOB
	+ Adjourn
* No comments were raised.
* The agenda proposal for the Geneva F2F session was approved without objections.

**AOB**

* no other topics brought up

**Adjurn**

* adjurned at 11:08am ET