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