O-RAN SC Technical Oversight Committee (TOC)

- Technical Charter for O-RAN Software Community
- TOC Voting Members
- TOC Meeting Info
- 2020 05 06
- 2020 04 29

Technical Charter for O-RAN Software Community

TOC Voting Members

<table>
<thead>
<tr>
<th>Company</th>
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*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

TOC Meeting Info

Technical Oversight Committee meetings are open to the public and held on Wednesdays at 8 AM Eastern Time USA. World Time Zone Map

Zoom 2 Info:

- Join from PC, Mac, Linux, iOS, or Android: https://zoom.us/j/6540568082
- Or Telephone: Dial (for higher quality, dial a number based on your current location)
  - 855 880 1246 (Toll Free), 877 369 0926 (Toll Free)
  - Meeting ID: 654 056 8082
  - International numbers available: https://zoom.us/u/acyy3hyIQi

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### 2020 05 06

#### Agenda

1. Call for Scribe (minutes owner) Farheen Cefalu
2. Roll Call & Quorum Check
3. Review and Agree to Minutes of Previous Meeting
4. Review of Today’s Agenda
   a. Add O-RAN Distributed Unit Low (ODULOW) May 31st Bronze delivery request to the top of the agenda because we ran out of time last week.
5. Release Votes and Approval
6. Marketing of the current release (WG, LF, PR)
   1. Virtual Exhibition,
7. Status of Open Action Items (Old Business)
   a. Action/William Diego Maza update on the coordination with the O-RAN test group
   b. Action/Lusheng Ji add the longer term test strategy to the agenda.
8. Standing Agenda Items (Brief Status of Ongoing Activities)
   a. Release Manager Trishan de Lanerolle/Release Planning: Weekly TOC Scheduling
      i. Project Bronze Release
      b. Rittwik Jana Requirements Software Architecture Committee
      c. Lusheng Ji Integration and Test
         i. Gerrit review process improvement

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ii. Integration and testing status report
d. Report out from PTL: Stand-Up & Report Out on Blockers - next week we will start to cover this list. Are there any major items that anyone would like to raise to the TOC this week?

i. John Keeney Non-RealTime RIC (RAN Intelligent Controller) (NONRTRIC)
ii. Matti Hiltunen RIC Applications (RICAPP)
iii. Thoralf Czichy RIC Platform (RIC)
iv. Yingying Wang O-RAN Centralized Unit (OCU)
v. Sachin Srivastava O-RAN Distributed Unit High (ODUHIGH)
vi. Zhimin Yuan O-RAN Distributed Unit Low (ODULOW)

1. status update
vii. Martin Skorupski Operations and Maintenance (OAM)
viii. Alex Stancu Simulations (SIM)
ix. Xiaohua Zhang Infrastructure (INF)
x. weichen ni Documentation (DOC)
xi. (TBD) O-RAN Radio Unit (ORU)


a. OAI purposed Meeting
b. OSC Logo

10. Planning for Next Meeting
11. Any Other Business (AOB)
12. Meeting Summary (resolutions, new action items, etc.)

2020 04 29
Recording: 2020-04-29_toc.mp4

Agenda

1. Call for Scribe (minutes owner) Farheen Cefalu
2. Roll Call & Quorum Check

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3. Review and Agree to Minutes of Previous Meeting

a. Clarify comments about questions about 9.iii.a needed clarity so Farheen updated minutes.
b. The minutes of the prior meetings were reviewed, and there were no comments, questions or corrections.
c. i. Vote to approve minutes for 22 Apr 2020
   ii. On motion made by David Streibl
   iii. Seconded by weichen ni
   iv. VOTE: Vote taken, item passed

4. Review of Today’s Agenda

5. Release Votes and Approval
1. Jack: we will need to vote on how to support the Viavi simulator as a part of our test environment. At some point we will have to bring to vote a decision to request for funding to support a part of the bronze activity. We are looking at it as a rental fee on the open source side. People from Viavi are on the technical side.
2. If people are interested in this topic reach out to Lusheng Ji or Rittwik Jana. One of our challenges working in the RAN at some point we have to have devices and radios to simulator. We have a small effort on simulating protocols but RAN simulator is more active. The short term activity is how do we deal with this in Bronze without a full operating stack.
3. We need more participation in the test department. There is a lot of activity going on there.
4. ORAN Alliance and O-RAN SC are two different leadership.
   1. Open source focus group in O-RAN Alliance.
   2. TOC is focus group in O-RAN SC.
   3. OSFG is asked to take a vote. There are recommendations of the OSFG group in the O-RAN Alliance and there are votes for the TOC for the O-RAN SC.
4. John-Paul: Is there any information about the specification project?

1. Jack: The O-RAN SC has a charter under the LF. We follow LF guidelines. O-RAN Alliance funds the LF for the O-RAN SC to operate under 2 licenses.
   a. Apache open source initiative.
   b. O-RAN Alliance license. I am not a lawyer it is managed by the software alliance entity. We use the Apache license. Documentation is slightly different. The O-RAN license is managed by the O-RAN Alliance. I do not call this an open source license. In this forum I refer to it as a FRAND license. We're an open source community we have the Apache license and the FRAND license from the O-RAN Alliance.
   c. Sachin: O-DU High we had a discussion. It can be used to do the initial integration.
   d. Lusheng: It can be a part of Bronze. It can be integrated with the near Real Time RIC.

2. Action/ Lusheng Ji send John Murray the dates from the TIFG slide deck so he can add it to the Cherry Release timeline.


5. Action/ Sachin Srivastava, William Diego Maza: The O-RAN SC has a charter under the LF. We follow LF guidelines. O-RAN Alliance funds the LF for the O-RAN SC to operate under 2 licenses.

6. Jackie: How are we tracking the completeness in a release. Are we planning to deliver 20% - 50%. At some point we want to state that success when we do the interoperability testing.

7. Action/ Lusheng Ji: need to have discussion with Martin, John, and Thoralf.

8. Action/ Lusheng Ji: We have had discussions with Lusheng and Rittwik to move forward with the Cherry and Dawn release. We have had a few gaps with O-DU High and O-DU Low. We are targeting the P5 messages exchanged between High and Low. We will be using the third dependency we will be using the L1 and L2 loss because there is no FAPI detector. From a target perspective we will be targeting the P5 messages using the stub from O-CU. Going forward we will need to define the use case call flows test plan where we can use O-RU and O-CU.

9. Action/ Lusheng Ji: Intel can only give permission by the end of May. Does this mean we can start working in the lab and have phase 1 tested.

10. Action/ Lusheng Ji: The binary software should never be loaded into the LF repos. It is built and deployed into the machines. We have legal clearance to use it but I still have to get the TSC to approve. We can start a second O-DU software to use a different approach. Our goal is not to limit ourselves to one option.

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1. Code is planned to be available on May 31. Can we have O-DU Low for the Bronze release package?
2. Jack: That puts us at the end of any cycle. Can we work to put it into the Bronze maintenance release to give us enough time to test.
3. Zhimin: The testing will be handled before May 31.
4. Jack: We will need to discuss further and we are near the end of the meeting. We don’t release code unless it has gone through the open source testing.
5. Action / Farheen Cefalu add this topic to the top of the agenda next week.

- Martin Skorupski Operations and Maintenance (OAM)
- Alex Stancu Simulations (SIM)
- Xiaohua Zhang Infrastructure (INF)
- weichen ni Documentation (DOC)
- (TBD) O-RAN Radio Unit (ORU)


a. OAI purposed Meeting
   i. Jack OSC wants a discussion with OSC.
   ii. OAI meeting is taking place?
      1. Initial meeting between OSC and OAI TOC. To see if they want to participate as an upstream project and a separate project.
      2. John-Paul: When will the invitation be sent?
      3. Action/ Jack: I will post that. They have suggested some dates.

b. OSC Logo

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