O-RAN SC Technical Oversight Committee (TOC)

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Technical Charter for O-RAN Software Community

TOC Voting Members

Company	Name	Alternate
AT&T	**David Kinsey Co-Chair**	
China Mobile	**Jinri Huang Co-Chair**	James Li
Deutsche Telekom	**Jakub Nový**	
Ericsson	**John-Paul Lane**	John Keeney
NTT DOCOMO	**Masahiro Fujii**	Minami Ishii
Nokia	**Arunkumar Halebid**	Abdulwahid
Orange	**Julien Boudani**	
Radisys	**Ganesh Shenbagaraman**	Ankit Barve
TIM	**Andrea Buldorini**	
Wind River	**Jackie Huang**	Jon Zhang
Viavi Solutions	**Ultan Kelly**	Baruch Friedman
Samsung	**Avinash Bhat**	Peter Moonki Hong

*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 [changed as of 5/5/2022] and no longer on Wednesdays at 8 AM Eastern Time USA. World Time Zone Map

We meet on Thursdays, at 9am EST. **Time Zone Map**

Zoom 2 Info:

- Join from PC, Mac, Linux, iOS, or Android: https://zoom.us/j/7562808472
- 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: **7562808472**
    - International numbers available: https://zoom.us/u/avfEhZhiB

City	Time	Zoom/Audio Bridge
	9 AM Eastern Time USA. World Time Zone Map	https://zoom.us/j/**7562808472**
New York (EST / UTC-5)	**9 AM Eastern Time** USA. World Time Zone Map	+1 669 900 6833, +1 646 558 8656, 855 880 1246 (Toll Free), 877 369 0926 (Toll Free), Meeting ID: 756 280 8472
Paris (CET / UTC+1)	9 AM Eastern Time USA. World Time Zone Map	+33 7 5678 4048, +33 1 8288 0188, 805 082 588 (Toll Free), Meeting ID: 756 280 8472
Beijing (CST / UTC+8)	9 AM Eastern Time USA. World Time Zone Map	+86 10 87833177, +86 10 53876330, 400 616 8835 (Toll Free), 400 669 9381 (Toll Free), Meeting ID: 756 280 8472
Tokyo (JST / UTC+9)	9 AM Eastern Time USA. World Time Zone Map	+81 524 564 439, +81 3 4578 1488, 0 800 100 5040 (Toll Free), Meeting ID: 756 280 8472
Helsinki (EET / UTC+2)	9 AM Eastern Time USA. World Time Zone Map	+358 341092129, Meeting ID: 756 280 8472

TOC Documents repository

TOC Documents

2024 05 02 (DRAFT)

Recording

Meeting Recording: link

Agenda

- Call for scribe (minutes owner): Arunkumar Halebid or Abdul Wahid (Nokia)
- Previous scribe: 2024 => April : TIM; March : Docomo; February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	x		
China Mobile	Jinri Huang Co-Chair		James Li	x
Deutsche Telekom	Jakub Nový	x		

Ericsson	John-Paul Lane	x	John Keeney	
NTT DOCOMO	Masahiro Fuji		Minami Ishii	x
Nokia	Arunkumar Halebid	x	Abdulwahid	
Orange	Julien Boudani	x		
Radisys	Ganesh Shenbagaraman	x	Ankit Barve	
TIM	Andrea Buldorini	x		
Wind River	Jackie Huang		Jon Zhang	
Viavi Solutions	Ultan Kelly	x	Baruch Friedman	
Samsung	Avinash Bhat	x	Peter Moonki Hong	

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1. Review and Agree to Minutes of Previous Meeting

    a. **Decision:** Minutes approval for last TOC meeting 2024-04-25 : Motion proposed by James Li and seconded by Arunkumar Halebid Motion was approved.
2. Review of Today's Agenda
    a. Update on Powder Update
    b. Proposal from Prof Vipin Rathi //link to presented material < fransiscus bimo uploaded Prof. Vipin's xFAPI proposal. https://wiki.o-ran-sc.org/download/attachments/78217260/xFAPI%20Proposal.pdf?api=v2 xFAPI introduction: https://youtu.be/1oO_DIiZfug
    c. ONE Summit Update
    d. Project reports
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
4. Release Votes (checklist) and Approval

    a. AP Review
    b. Other
        i. Matthew Watkins reported the status of migration from Jenkins Jobs to Github Actions (gha). Open items can be found here . JJ and gha will continue in parallel for a while.
        ii. John Keeney requested guidance of where to find a central reference about the gha and link to the repos. Clarified that gha are described at repo level. Documentation available here. Creating a wiki page and FAQ for reference can be considered.
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
        i. OSFG discussions Jinri Huang
            1. O-RAN SCCL enforcement:
            2. Collaboration with OAI (lab interconnection) and Nephio
                a. **04-04**: Update from Nephio on integration activity: Sagar Arora
                i. Clarified that user stories 1-4 are planned to be completed by June 2024 and may be demonstrated at the next F2F
            3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint Tracy Van Brakle.
            4. Upcoming F2F meeting
            5. White Paper
                a. **04-18: Jinri Huang** A white paper is being drafted, with several contributors working on it. Current focus is on CI/CD/CT. Status will be reported at the next call. **AP:** Irfan Ghauri
                b. **04-25:** Irfan Ghauri the current version of the WP need a redrafting to synthetize the material provided. Target date is now mid of May. bimo fransiscus asisi a request was sent to LF to verify the CI/CD part.
            6. Other
                a. **03-07**: The draft of OSC and POWDER joint news quotes for review. The contents should be gone through the O-RAN agenda before TSC. James Li will dubble-check intention of the news, and Tracy Van Brakle will check it with PR point of view.
                b. **03-14**: Regarding POWDER, James Li mentioned about the situation of going through process. The process has been started and feedback is being collected,
                c. **03-21**: Regarding POWDER, James Li mentioned that the process is still on reviewing of OSC.
                d. **03-28**: Regarding POWDER, it was still under reviewing. After the review, the document would be publised on the website.
                e. **04-11:** James Li reported that the point was discussed in the last OSFG meeting and will report next week.
                f. **04-18:** James Li text for news quotes was finalized and sent to O-RAN EC for approval. Once received back it will be sent to POWDER for publication on their site
                g. **04-25:** James Li still waiting for the final feedback from EC.
                h. 02-05: Closed by James Li https://www.powderwireless.net/news
6. Standing/old business

    a. OSC Lab
    b. Release Planning: Weekly TOC Scheduling Sridhar Rao
    c. **Project reports (**by features**) (**Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by feature

- Lab updates, Jian Li
    - **03-21**: Bimo NTUST presented situation of OSC ODU integration with TM500 RUSIM. The status is pending since O-DU had a issue on statice compression mode while RUSIM does not support uncompressed or dynamic compression mode. There was a discussion about the need to integrate the latest software.
    - **03-28**: Meetings was being held to move the integration testing forward.

        - **04-04:** No progress on integration issues between the OSC O-DU and RUSIM.
        - **04-11:** Bimo: work to the solve the testing of compressed mode options is still ongoing. FW gateway needed to be reconfigured and tests will be performed in the next days. Security testing is ongoing. O-CU license is expiring and a request to the vendor was put forward.
        - **04-25:** Bimo introduces professor Vipin Rathi who is working on integrating O-DU/LOW with the new release of the Intel FlexRAN API. peng Lu OCU-ODU integration already done so update with the new FlexRAN code release still possible within K release. fransiscus bimo for O-CU we are waiting for license extention by Radysis. Also integration ongoing with OAI commercial gNB and 5G Genius Core for e2e testing.
    - Disaggregated SMO Flows - N.K. Shankaranarayanan
    - Onboarding and Orchestration - Seshu Kumar Mudiganti
        - **04-25:** TE&IV Proposal
            - John Keeney presented a proposal for contribution on open source "Topology and Inventory SMO Service" according to O-RAN WG10 specifications, with clear separation between the API and the information models. Initial seed code available for analysis before submitting to SMO project and call for contributors. Code can be temporarily hosted in an existing SMO repo before moving to an official dedicated repo. To be managed with Seshu Kumar Mudiganti
            - Martin Skorupski mention a presentation by Alex Stancu on Topology aspects in support of CNF deployment. Seshu Kumar Mudiganti To be discussed at the next SMO project call
        - **04-25:** SMO Lab Resources
            - David Kinsey lack of resources for SMO build in Bedminster. Request to support from Taiwan how to get some resources e.g. from POWDER (3 servers is the estimated amount for the task). James Li and Seshu Kumar Mudiganti will propose a way forward.
    - RIC Platform Enhancements - Thoralf Czichy
    - Energy Savings - Alex Stancu
    - Others
        - **04:18:** O-RAN TSC cochair requested information about the activity at project level (companies, releases). This is expected by next week meeting (Apr 25th). Projects to prioritize: NON RTIRC, NEAR RTRIC, RICAPPS, AIMLFW. Jinri Huang Jinri will resend the request to PLT
        - **04:25:** postponed to the next call due to lack of time

7. Any Other Business (AoB)

- OSC half-day workshop (co-located with ONE SUMMIT)
    - **03-07**: Irfan Ghauri presents tentative plan of the workshop. Potential title of workshop, programs, speakes have been discussed. David Kinsey will send out email to discuss futher.
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- CVE
    - **03-07**: How to handle CVEs in O-RAN SC have been discussed. David Kinsey concerns to record vulnerabilities in a public database and mentioned about security requirements. Revisit in the next call.
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- Intelligence perspective on gap analysis between 3GPP and O-RAN
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- LF Support for project activities
    - **04-11:** Sridhar Rao announced that LF would be able to provide support by means of new internships, e.g. for security testing or other activities. **AP PTLs:** contact Sridhar in case support is needed in project activities.

8. Meeting Summary and Closure

- **Next Meeting 2024/05/09**

2024 04 25

Recording

Meeting Recording: Link

Agenda

- Call for scribe (minutes owner): Andrea Buldorini (TIM)
- Previous scribe: 2024 => April : TIM; March : Docomo; February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
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China Mobile	Jinri Huang Co-Chair	X	James Li	
Deutsche Telekom	Jakub Nový	X		
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fuji	X	Minami Ishii	
Nokia	Arunkumar Halebid		Abdulwahid	X
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman		Ankit Barve	X
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

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1. Review and Agree to Minutes of Previous Meeting
    a. **Decision:** Minutes approval for last TOC meeting 2024-04-18 : Motion proposed by Julien Boudani and seconded by Avinash Bhat Motion was approved.
2. Review of Today's Agenda
    a. GitUpdates
    b. OSFG White Paper update
    c. ONE Summit
    d. Project report
    e. Evaluation of TE&IV SMOS Proposal (slides)
    f. SMO Integration Needs
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
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    a. AP Review
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8. Meeting Summary and Closure

    - **Next Meeting 2024/05/02.**
    - Scribe in May: **Nokia**

2024 04 18

Recording

Meeting Recording: Link

Agenda

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1. Review and Agree to Minutes of Previous Meeting

    a. **Decision:** Minutes approval for last TOC meeting 2024-04-11 : Motion proposed by Avinash Bhat Bhat and seconded by John Paul Lane Motion was approved.
2. Review of Today's Agenda
    a. POWDER
    b. ONE Summit
    c. Project report
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
4. Release Votes (checklist) and Approval

    a. AP Review
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
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6. Standing/old business

   a. OSC Lab
      i. **03-14**: OSC Taiwan Lab Update
         1. O DU High "J" release status has been presented by Ankit Barve. Discussions were held on about nFAP and the status of debugging issues.
   b. Release Planning: Weekly TOC Scheduling Sridhar Rao
   c. **Project reports (**by features**) (**Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by feature

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  - **04-11:** Bimo: work to the solve the testing of compressed mode options is still ongoing. FW gateway needed to be reconfigured and tests will be performed in the next days. Security testing is ongoing. O-CU license is expiring and a request to the vendor was put forward.
- Disaggregated SMO Flows - N.K. Shankaranarayanan
  - **03-28**: The project was the phase of starting development. Sagar Arora would present the detail in the next meeting, including how to make project tracking transparent.
- Onboarding and Orchestration - Seshu Kumar Mudiganti
- RIC Platform Enhancements - Thoralf Czichy
- Energy Savings - Alex Stancu
- Others
  - **04:18:** O-RAN TSC cochair requested information about the activity at project level (companies, releases). This is expected by next week meeting (Apr 25th). Projects to prioritize: NON RTIRC, NEAR RTRIC, RICAPPS, AIMLFW. Jinri Huang Jinri will resend the request to PLT

7. Any Other Business (AoB)

- OSC half-day workshop (co-located with ONE SUMMIT)
  - **03-07**: Irfan Ghauri presents tentative plan of the workshop. Potential title of workshop, programs, speakes have been discussed. David Kinsey will send out email to discuss futher.
  - **03-14**: Potential programs and speakers have been discussed. The title and subtitle of workshop was approved as "Accelerating the Open and Smart RAN, (subtitle) Open source enablers for the O-RAN Reference Design" : Motion proposed David was approved without objection.
  - **03-21**: Irfan Ghaurimentioned the state of preparation for the workshop. Some speakers will be confirmed by next week. Speakers were required to upload bios and pictures.
  - **03-28**: The state of preparation for the workshop was discussed. The mailing list of speakers for easy communication was prepaired. Sridhar Rao would send e-mail summarizing the information necessary for workshop participants later.
  - **04-04:**Sridhar Rao provides an update workshop agenda and logistics
  - **04-11:** Sridhar Rao : ChiLin cannot attend in person. Jin Li (Keysight) can replace in the role of moderator however “introduction to O-RAN” will be covered by David Kinsey (from remote). Change of the order in the agenda will be addressed by Sridhar.
  - **04-18:** Sridhar Rao We have booth and it would be good to show some demos / recordings from previous workshops to be played along the week. **AP:** Check with Irfan Ghauri . Sagar Arora : a demo about deployment of O-RAN components with Nephio will be given in the week
- CVE
  - **03-07**: How to handle CVEs in O-RAN SC have been discussed. David Kinsey concerns to record vulnerabilities in a public database and mentioned about security requirements. Revisit in the next call.
  - **03-14**: David Kinsey mentioned about discussions of the security requirement
  - **04-11:** John Keeney suggests to proactively address the need to define a process. Proposes to request guidance as this should have been considered by LF already. Product readiness can be a condition to address vulnerability, but the

categorization is per feature, not per project. Sridhar Rao proposes to give a presentation of various options considered in LF to perform the static security analysis. David Kinsey proposes to keep track of the status of the security scanning at project level (using project wiki pages).
        - **04-18:** Sridhar Rao presents some LF practices and tools for security analysis. David Kinsey This seems appropriate for project certification and badging; but for CVE we need to check "per-function" against the security requirements defined by O-RAN. Also the level of maturity of the feature is relevant to understand if security aspects were addressed in the version developed.
    - Intelligence perspective on gap analysis between 3GPP and O-RAN
        - **03-28:** Jinri Huangmentioned this topic and would summarize the detail of question for AIML project later.
    - LF Support for project activities
        - **04-11:** Sridhar Rao announced that LF would be able to provide support by means of new internships, e.g. for security testing or other activities. **AP PTLs:** contact Sridhar in case support is needed in project activities.

8. Meeting Summary and Closure

    - **Next Meeting 2024/04/25.**

2024 04 11

Recording

Meeting Recording: Link

Agenda

- Call for scribe (minutes owner): Andrea Buldorini (TIM)
- Previous scribe: 2024 => April : TIM; March : Docomo; February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair		James Li	X
Deutsche Telekom	Jakub Nový	X		
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fuji	X	Minami Ishii	
Nokia	Arunkumar Halebid	X	Abdulwahid	
Orange	Julien Boudani			
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting

    a. **Decision:** Minutes approval for last TOC meeting 2024-04-04 : Motion proposed by James Li and seconded by Ganesh Shenbagaraman Motion was approved.
2. Review of Today's Agenda
    a. ONE summit
    b. POWDER
    c. Project report
        i. Change of AIMLFW PTL Joseph Thaliath
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
4. Release Votes (checklist) and Approval

    a. AP Review
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
        i. OSFG discussions Jinri Huang
            1. O-RAN SCCL enforcement:
            2. Collaboration with OAI (lab interconnection) and Nephio

a. **04-04**: Update from Nephio on integration activity: Sagar Arora
    i. Clarified that user stories 1-4 are planned to be completed by June 2024 and may be demonstrated at the next F2F

3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint Tracy Van Brakle.
4. Upcoming F2F meeting
5. Other
    a. **03-07**: The draft of OSC and POWDER joint news quotes for review. The contents should be gone through the O-RAN agenda before TSC. James Li will dubble-check intention of the news, and Tracy Van Brakle will check it with PR point of view.
    b. **03-14**: Reagarding POWDER, James Li mentioned about the situation of going through process. The process has been started and feedback is being collected,
    c. **03-21**: Reagarding POWDER, James Li mentioned that the process is still on reviewing of OSC.
    d. **03-28**: Reagarding POWDER, it was still under reviewing. After the review, the document would be publised on the website.
    e. **04-11:** James Li reported that the point was discussed in the last OSFG meeting and will report next week.

6. Standing/old business

a. OSC Lab
    i. **03-14**: OSC Taiwan Lab Update
        1. O DU High "J" release status has been presented by Ankit Barve. Discussions were held on about nFAP and the status of debugging issues.

b. Release Planning: Weekly TOC Scheduling Sridhar Rao
c. **Project reports (**by features**) (**Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)

- Lab updates, Jian Li
    - **03-21**: Bimo NTUST presented situation of OSC ODU integration with TM500 RUSIM. The status is pending since O-DU had a issue on statice compression mode while RUSIM does not support uncompressed or dynamic compression mode. There was a discussion about the need to integrate the latest software.
    - **03-28**: Meetings was being held to move the integration testing forward.
    - **04-04:** No progress on integration issues between the OSC O-DU and RUSIM.
    - **04-11:** Bimo: work to the solve the testing of compressed mode options is still ongoing. FW gateway needed to be reconfigured and tests will be performed in the next days. Security testing is ongoing. O-CU license is expiring and a request to the vendor was put forward.
- Disaggregated SMO Flows - N.K. Shankaranarayanan
    - **03-28**: The project was the phase of starting development. Sagar Arora would present the detail in the next meeting, including how to make project tracking transparent.
- Onboarding and Orchestration - Seshu Kumar Mudiganti
- RIC Platform Enhancements - Thoralf Czichy
- Energy Savings - Alex Stancu
- Others
    - **04-11:** AIMLFW PTL Joseph Thaliath announced that he is taking a new role in the company and proposes subhash kumar singh to take over as PTL. Subhash already started to contribute to the project and will continue in the new role of PTL. Motion to approve Subhash as new PTL of AIMLFW project made by David Kinsey , seconded by Avinash Bhat . The motion is approved.

7. Any Other Business (AoB)

- OSC half-day workshop (co-located with ONE SUMMIT)
    - **03-07**: Irfan Ghauri presents tentative plan of the workshop. Potential title of workshop, programs, speakes have been discussed. David Kinsey will send out email to discuss futher.
    - **03-14**: Potential programs and speakers have been discussed. The title and subtitle of workshop was approved as "Accelerating the Open and Smart RAN, (subtitle) Open source enablers for the O-RAN Reference Design" : Motion proposed David was approved without objection.
    - **03-21**: Irfan Ghaurimentioned the state of preparation for the workshop. Some speakers will be confirmed by next week. Speakers were required to upload bios and pictures.
    - **03-28**: The state of preparation for the workshop was discussed. The mailing list of speakers for easy communication was prepaired. Sridhar Rao would send e-mail summarizing the information necessary for workshop participants later.
    - **04-04:**Sridhar Rao provides an update workshop agenda and logistics
    - **04-11:** Sridhar Rao : ChiLin cannot attend in person. Jin Li (Keysite) can replace in the role of moderator however “introduction to O-RAN” will be covered by David Kinsey (from remote). Change of the order in the agenda will be addressed by Sridhar.
- CVE
    - **03-07**: How to handle CVEs in O-RAN SC have been discussed. David Kinsey concerns to record vulnerabilities in a public database and mentioned about security requirements. Revisit in the next call.
    - **03-14**: David Kinsey mentioned about discussions of the security requirement
    - **04-11:** John Keeney suggests to proactively address the need to define a process. Proposes to request guidance as this should have been considered by LF already. Product readiness can be a condition to address vulnerability, but the categorization is per feature, not per project. Sridhar Rao proposes to give a presentation of various options considered in LF to perform the static security analysis. David Kinsey proposes to keep track of the status of the security scanning at project level (using project wiki pages).
- Intelligence perspective on gap analysis between 3GPP and O-RAN
    - **03-28:** Jinri Huangmentioned this topic and would summarize the detail of question for AIML project later.
- LF Support for project activities
    - **04-11:** Sridhar Rao announced that LF would be able to provide support by means of new internships, e.g. for security testing or other activities. **AP PTLs:** contact Sridhar in case support is needed in project activities.

8. Meeting Summary and Closure

- **Next Meeting 2024/04/18.**

2024 04 04

Recording

Meeting Recording:

Agenda

- Call for scribe (minutes owner): Andrea Buldorini (TIM)
- Previous scribe: 2024 => April : TIM; March : Docomo; February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair		James Li	X
Deutsche Telekom	Jakub Nový	X		
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fuji	X	Minami Ishii	
Nokia	Arunkumar Halebid		Abdulwahid	X
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman		Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang		Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat		Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting
    a. **Decision:** Minutes approval for last TOC meeting 2024-03-28 : Motion proposed by Masahiro FUJII and seconded by Andrea Buldorini. Motion was approved.
2. Review of Today's Agenda
    a. Nephio report
    b. ONE summit
    c. Project report
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
4. Release Votes (checklist) and Approval
    a. AP Review
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
        i. OSFG discussions Jinri Huang
            1. O-RAN SCCL enforcement:
            2. Collaboration with OAI (lab interconnection) and Nephio
                a. **04-04**: Update from Nephio on integration activity: Sagar Arora
                i. Clarified that user stories 1-4 are planned to be completed by June 2024 and may be demonstrated at the next F2F
            3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint Tracy Van Brakle.
            4. Upcoming F2F meeting
            5. Other
                a. **03-07**: The draft of OSC and POWDER joint news quotes for review. The contents should be gone through the O-RAN agenda before TSC. James Li will dubble-check intention of the news, and Tracy Van Brakle will check it with PR point of view.
                b. **03-14**: Reagarding POWDER, James Li mentioned about the situation of going through process. The process has been started and feedback is being collected,
                c. **03-21**: Reagarding POWDER, James Li mentioned that the process is still on reviewing of OSC.

d. **03-28**: Reagarding POWDER, it was still under reviewing. After the review, the document would be publised on the website.

6. Standing/old business

a. OSC Lab

i. **03-14**: OSC Taiwan Lab Update

1. O DU High "J" release status has been presented by Ankit Barve. Discussions were held on about nFAP and the status of debugging issues.

b. Release Planning: Weekly TOC Scheduling Sridhar Rao

c. **Project reports (**by features**) (**Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)

- Lab updates, Jian Li
  - **03-21**: Bimo NTUST presented situation of OSC ODU integration with TM500 RUSIM. The status is pending since O-DU had a issue on statice compression mode while RUSIM does not support uncompressed or dynamic compression mode. There was a discussion about the need to integrate the latest software.
  - **03-28**: Meetings was being held to move the integration testing forward.
  - **04-04:** No progress on integration issues between the OSC O-DU and RUSIM.
- Disaggregated SMO Flows - N.K. Shankaranarayanan
  - **03-28**: The project was the phase of starting development. Sagar Arora would present the detail in the next meeting, including how to make project tracking transparent.
- Onboarding and Orchestration - Seshu Kumar Mudiganti
- RIC Platform Enhancements - Thoralf Czichy
- Energy Savings - Alex Stancu
  - **02-01**: Energy savings dataset from Viavi - it is acceptable to encrypt it and let Viavi control the password. Process to request the dataset/password to be sorted. Help from Alex Stancu needed.
- Near RT RIC PTL
  - **02-15**: Abdulwahid (Wahid) introduced himself as a candidate for new RT-RIC PTL role. David Kinsey as ked Wahid to stand in the role of PTL during the official process. Vote day will be 29.2.
  - **02-29**: No other candidate besides Abdulwahid. Motion proposed by Jinri Huang and seconded by Julien Boudani , motion was approved without objection.

7. Any Other Business (AoB)

- OSC half-day workshop (co-located with ONE SUMMIT)
  - **03-07**: Irfan Ghauri presents tentative plan of the workshop. Potential title of workshop, programs, speakes have been discussed. David Kinsey will send out email to discuss futher.
  - **03-14**: Potential programs and speakers have been discussed. The title and subtitle of workshop was approved as "Accelerating the Open and Smart RAN, (subtitle) Open source enablers for the O-RAN Reference Design" : Motion proposed David was approved without objection.
  - **03-21**: Irfan Ghaurimentioned the state of preparation for the workshop. Some speakers will be confirmed by next week. Speakers were required to upload bios and pictures.
  - **03-28**: The state of preparation for the workshop was discussed. The mailing list of speakers for easy communication was prepaired. Sridhar Rao would send e-mail summarizing the information necessary for workshop participants later.
  - **04-04:**Sridhar Rao provides an update workshop agenda and logistics
- CVE
  - **03-07**: How to handle CVEs in O-RAN SC have been discussed. David Kinsey concerns to record volunerabilities in a pulic database and mentioned about security requirements. Revisit in the next call.
  - **03-14**: David Kinsey mentioned about discussions of the security requirement
- Intelligence perspective on gap analysis between 3GPP and O-RAN
  - **03-28:** Jinri Huangmentioned this topic and would summarize the detail of question for AIML project later.

8. Meeting Summary and Closure

- **Next Meeting 2024/04/11.**

2024 03 28

Recording

Meeting Recording: Link

Agenda

- Call for scribe (minutes owner): Masahiro Fujii (NTT DOCOMO)
- Previous scribe: 2024 => April : TIM; March : Docomo; February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance

AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair	X	James Li	
Deutsche Telekom	Jakub Nový			
Ericsson	John-Paul Lane		John Keeney	X
NTT DOCOMO	Masahiro Fuji	X	Minami Ishii	
Nokia	Arunkumar Halebid		Abdulwahid	X
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman		Ankit Barve	X
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly		Baruch Friedman	
Samsung	Avinash Bhat		Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting
    a. **Decision:** Minutes approval for last TOC meeting 2024-03-21 : Motion proposed Jinri by and seconded Julien by motion was approved on the premise that the some correction mentioned in the meeting would be made.
2. Review of Today's Agenda
    a. ONE summit
    b. POWDER
    c. Project report
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
    a. **01-04**: No New Items this week
    b. **01-11**: Update from Nephio on integration activity: Sagar Arora
        i. **03-28**: How to make the SMO project tracking transparent: Sagar Arora
    c. **01-11**: Update on candidates for ODULOW PTL
    d. **03-07**: No New Items this week
4. Release Votes (checklist) and Approval
    a. AP Review
    b. **02-01**: Maintenance Release set for next week TOC 08 Feb 2024
    c. **03-21**: Sridhar Rao peresented the potential changes of the release regarding the gha-migration topic, which had revied super comitters (LINK). These changes are aproved: Motion proposed David was approved without objection.
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
        i. OSFG discussions Jinri Huang
            1. O-RAN SCCL enforcement:
                a. **02-01**: WG10 working on process definition for ORAN. 3 activates planned for F2F - developing the process together with OSFG (outline, what are the steps, responsibilities; not necessarily the document itself), informing WGs about the changes, presenting to TSC.
            2. Collaboration with OAI (lab interconnection) and Nephio
                a. **02-01**: Sagar Arora: in the SMO call this week, presentation about NF orchestration using SMO shown. AP Seshu Kumar Mudiganti to upload the ppt to the TOC documents.
                b. **02-15**: SMO integration in Nephio: approved this week, there are already volunteers willing to working on that. It will be implemented in OSC and then ported to Nephio. J release a Nephio rel 3 are at the similar time, which is good.
                c. **02-15:** xApp deployment through Nephio usecase presented by Neman Gupta from Samsung. Seshu Kumar Mudiganti to upload the doc to the TOC documents. Messaging from WG6 should be considered.
            3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint Tracy Van Brakle.
            4. Upcoming F2F meeting
                - **02-15**: OSFG agenda presented, for more info refer to O-RAN wiki.
                - **02-15**: OSC agenda is at 2024-02 O-RAN F2F Athens - Events - Confluence (o-ran-sc.org)the
            5. Other
                a. **03-07**: The draft of OSC and POWDER joint news quotes for review. The contents should be gone through the O-RAN agenda before TSC. James Li will dubble-check intention of the news, and Tracy Van Brakle will check it with PR point of view.
                b. **03-14**: Reagarding POWDER, James Li mentioned about the situation of going through process. The process has been started and feedback is being collected,
                c. **03-21**: Reagarding POWDER, James Li mentioned that the process is still on reviewing of OSC.
                d. **03-28**: Reagarding POWDER, it was still under reviewing. After the review, the document would be publised on the website.
6. ,Standing/old business
    a. OSC Lab
        i. **02-01**: East cost lab still down, Bedminster may stay down and we may move to Rutgers in New Jersey. David Kinsey working on that, alignment calls planned.
        ii. **03-14**: OSC Taiwan Lab Update
            1. O DU High "J" release status has been presented by Ankit Barve. Discussions were held on about nFAP and the status of debugging issues.
    b. Release Planning: Weekly TOC Scheduling Sridhar Rao

i. **02-01**: PLTs to fill the project goals/features for J Release which could be presented during F2F.
ii. **02-08**: Rittwik Jana highlights for J release (except O-DU low) are finalized

c. **Project reports (**by features**) (**Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)

- Lab updates, Jian Li
  - **03-21**: Bimo NTUST presented situation of OSC ODU integration with TM500 RUSIM. The status is pending since O-DU had a issue on statice compression mode while RUSIM does not support uncompressed or dynamic compression mode. There was a discussion about the need to integrate the latest software.
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  - **03-28**: The project was the phase of starting development. Sagar Arora would present the detail in the next meeting, including how to make project tracking transparent.
- Onboarding and Orchestration - Seshu Kumar Mudiganti
- RIC Platform Enhancements - Thoralf Czichy
- Energy Savings - Alex Stancu
  - **02-01**: Energy savings dataset from Viavi - it is acceptable to encrypt it and let Viavi control the password. Process to request the dataset/password to be sorted. Help from Alex Stancu needed.
- Near RT RIC PTL
  - **02-15**: Abdulwahid (Wahid) introduced himself as a candidate for new RT-RIC PTL role. David Kinsey as ked Wahid to stand in the role of PTL during the official process. Vote day will be 29.2.
  - **02-29**: No other candidate besides Abdulwahid. Motion proposed by Jinri Huang and seconded by Julien Boudani , motion was approved without objection.

7. Any Other Business (AoB)

- Balaji Varadaraju N.K. Shankaranarayanan Possible confusion with link used to join (Message: "Host has not started the meeting")
  - make sure to use the correect Zoom Link: https://zoom.us/j/6540568082
  - (Old link is still shown Group Email Notification)
  - **01-11**: Modify Calendar Permissions TOC/RSAC bridges; Hostcode distribution
- **02-01**: info.yaml updated with Near-RIC committer changes over last week. No action needed.
- **02-15**: Thank you, Thoralf Czichy , for all your contributions as PTL!
- **02-15**: Deutsche Telekom TOC alternate representative removed.

- One Summit
  - **02-15**: One Summit: Half-day workshop "OpenGovCon: 6G Innovation Day" focusing on future RAN planned on Apr 29, 30 and May 1st at San Jose, Sridhar Rao will share more info and promote O-RAN OSC at booth there. Support from other TOC members requested.
  - **02-15**: Abdulwahid (Wahid) introduced himself as a candidate for new RT-RIC PTL role. David Kinsey asked Wahid to stand in the role of PTL during the official process. Vote day will be 29.2.
  - **02-29**: David Kinsey is in favor to have the collocated event at One summit. Jinri Huang and Irfan Ghauri supports the idea.
  - **02-29**: We need to ensure speakers. David Kinsey will reach to Irfan Ghauri to discuss if he can support this.
  - **02-29**: Sridhar Rao - the latest date to have the speakers list is 20.3. to have time for marketing.
  - **02-29**: we need to be sure that we can collect speakers and topics for 1/2 day agenda.
- OSC half-day workshop (co-located with ONE SUMMIT)
  - **03-07**: Irfan Ghauri presents tentative plan of the workshop. Potential title of workshop, programs, speakes have been discussed. David Kinsey will send out email to discuss futher.
  - **03-14**: Potential programs and speakers have been discussed. The title and subtitle of workshop was approved as "Accelerating the Open and Smart RAN, (subtitle) Open source enablers for the O-RAN Reference Design" : Motion proposed David was approved without objection.
  - **03-21**: Irfan Ghaurimentioned the state of preparation for the workshop. Some speakers will be confirmed by next week. Speakers were required to upload bios and pictures.
  - **03-28**: The state of preparation for the workshop was discussed. The mailing list of speakers for easy communication was prepaired. Sridhar Rao would send e-mail summarizing the information necessary for workshop participants later.
- Super committer permission
  - **02-29**: announcement from release engineering about need to implement the super committer permissions.
  - **02-29**: needed because of the shift from Jenkins to Gitlab Actions. Permission needed for testing in production.
  - **02-29**: John Keeney supports the idea. No strong pushback from any other PTLs.
  - **02-29**: Jessica Gonzalez will prepare a proposal for next TSC, we need 2 people release engineering team + 2 from the community. John Keeney and Martin Skorupski volunteer.
  - **03-07**: Jessica and Matthew from LF, and John and Martin from OSC have been approved as super commiters (Link) : Motion proposed David by and seconded Julien by motion was approved without objection.
- CVE
  - **03-07**: How to handle CVEs in O-RAN SC have been discussed. David Kinsey concerns to record volunerabilities in a pulic database and mentioned about security requirements. Revisit in the next call.
  - **03-14**: David Kinsey mentioned about discussions of the security requirement
- Contacts
  - **03-14**: NOKIA alternate contact changed: Thoralf Czichy Abdulwahid
- Intellegence perspective on gap analysis between 3GPP and O-RAN
  - **03-28:** Jinri Huangmentioned this topic and would summarize the detail of question for AIML project later.

8. Meeting Summary and Closure

- **Next Meeting 2024/04/4.**

2024 03 21

Recording

Meeting Recording: LinkLink

Agenda

- Call for scribe (minutes owner): Masahiro Fujii (NTT DOCOMO)
- Previous scribe: 2024 => March : Docomo; February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair		James Li	X
Deutsche Telekom	Jakub Nový			
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fuji	X	Minami Ishii	
Nokia	Arunkumar Halebid		Abdulwahid	X
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting
    a. **Decision:** Minutes approval for last TOC meeting 2024-03-14 : Motion proposed Avinash by and seconded Julien by motion was approved without objection.
2. Review of Today's Agenda
    a. ONE summit
    b. POWDER
    c. Project report
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
    a. **01-04**: No New Items this week
    b. **01-11**: Update from Nephio on integration activity: Sagar Arora
    c. **01-11**: Update on candidates for ODULOW PTL
    d. **03-07**: No New Items this week
4. Release Votes (checklist) and Approval
    a. AP Review
    b. **02-01**: Maintenance Release set for next week TOC 08 Feb 2024
    c. **03-21**: Sridhar Rao peresented the potential changes of the release regarding the gha-migration topic, which had revied super comitters (LINK). These changes are aproved: Motion proposed David was approved without objection.
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
        i. OSFG discussions Jinri Huang
            1. O-RAN SCCL enforcement:
                a. **02-01**: WG10 working on process definition for ORAN. 3 activates planned for F2F - developing the process together with OSFG (outline, what are the steps, responsibilities; not necessarily the document itself), informing WGs about the changes, presenting to TSC.
            2. Collaboration with OAI (lab interconnection) and Nephio
                a. **02-01**: Sagar Arora: in the SMO call this week, presentation about NF orchestration using SMO shown. AP Seshu Kumar Mudiganti to upload the ppt to the TOC documents.
                b. **02-15**: SMO integration in Nephio: approved this week, there are already volunteers willing to working on that. It will be implemented in OSC and then ported to Nephio. J release a Nephio rel 3 are at the similar time, which is good.
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    a. **03-07**: The draft of OSC and POWDER joint news quotes for review. The contents should be gone through the O-RAN agenda before TSC. James Li will dubble-check intention of the news, and Tracy Van Brakle will check it with PR point of view.
    b. **03-14**: Reagarding POWDER, James Li mentioned about the situation of going through process. The process has been started and feedback is being collected,
    c. **03-21**: Reagarding POWDER, James Li mentioned that the process is still on reviewing of OSC.

6. ,Standing/old business

    a. OSC Lab
        i. **02-01**: East cost lab still down, Bedminster may stay down and we may move to Rutgers in New Jersey. David Kinsey working on that, alignment calls planned.
        ii. **03-14**: OSC Taiwan Lab Update
            1. O DU High "J" release status has been presented by Ankit Barve. Discussions were held on about nFAP and the status of debugging issues.
    b. Release Planning: Weekly TOC Scheduling Sridhar Rao
        i. **02-01**: PLTs to fill the project goals/features for J Release which could be presented during F2F.
        ii. **02-08**: Rittwik Jana highlights for J release (except O-DU low) are finalized
    c. **Project reports (**by features**) (**Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)

        - Lab updates, Jian Li
            - **03-21**: Bimo NTUST presented situation of OSC ODU integration with TM500 RUSIM. The status is pending since O-DU had a issue on statice compression mode while RUSIM does not support uncompressed or dynamic compression mode. There was a discussion about the need to integrate the latest software.
        - Disaggregated SMO Flows - N.K. Shankaranarayanan
        - Onboarding and Orchestration - Seshu Kumar Mudiganti
        - RIC Platform Enhancements - Thoralf Czichy
        - Energy Savings - Alex Stancu
        - **02-01**: Energy savings dataset from Viavi - it is acceptable to encrypt it and let Viavi control the password. Process to request the dataset/password to be sorted. Help from Alex Stancu needed.
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        - **02-29**: No other candidate besides Abdulwahid. Motion proposed by Jinri Huang and seconded by Julien Boudani , motion was approved without objection.

7. Any Other Business (AoB)

        - Balaji Varadaraju N.K. Shankaranarayanan Possible confusion with link used to join (Message: "Host has not started the meeting")
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            - (Old link is still shown Group Email Notification)
            - **01-11**: Modify Calendar Permissions TOC/RSAC bridges; Hostcode distribution
        - **02-01**: info.yaml updated with Near-RIC committer changes over last week. No action needed.
        - **02-15**: Thank you, Thoralf Czichy , for all your contributions as PTL!
        - **02-15**: Deutsche Telekom TOC alternate representative removed.
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        - **02-15**: One Summit: Half-day workshop "OpenGovCon: 6G Innovation Day" focusing on future RAN planned on Apr 29, 30 and May 1st at San Jose, Sridhar Rao will share more info and promote O-RAN OSC at booth there. Support from other TOC members requested.
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        - **03-21**: Irfan Ghaurimentioned the state of preparation for the workshop. Some speakers will be confirmed by next week. Speakers were required to upload bios and pictures.
    - Super committer permission
        - **02-29**: announcement from release engineering about need to implement the super committer permissions.
        - **02-29**: needed because of the shift from Jenkins to Gitlab Actions. Permission needed for testing in production.
        - **02-29**: John Keeney supports the idea. No strong pushback from any other PTLs.
        - **02-29**: Jessica Gonzalez will prepare a proposal for next TSC, we need 2 people release engineering team + 2 from the community. John Keeney and Martin Skorupski volunteer.
        - **03-07**: Jessica and Matthew from LF, and John and Martin from OSC have been approved as super commiters (Link) : Motion proposed David by and seconded Julien by motion was approved without objection.
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        - **03-07**: How to handle CVEs in O-RAN SC have been discussed. David Kinsey concerns to record volunerabilities in a pulic database and mentioned about security requirements. Revisit in the next call.
        - **03-14**: David Kinsey mentioned about discussions of the security requirement
    - Contacts

- **03-14**: NOKIA alternate contact changed: Thoralf Czichy Abdulwahid

8. Meeting Summary and Closure

    - **Next Meeting 2024/03/28.**

2024 03 14

Recording

Meeting Recording: Link

Agenda

- Call for scribe (minutes owner): Masahiro Fujii (NTT DOCOMO)
- Previous scribe: 2024 => March : Docomo; February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
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    c. OSC Taiwan lab update
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7. Any Other Business (AoB)

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    - Contacts
        - **03-14**: NOKIA alternate contact changed: Thoralf Czichy Abdulwahid

8. Meeting Summary and Closure

    - **03-14**: NOKIA alternate contact changed: Thoralf Czichy Abdulwahid
    - **03-14:** The title of OSC half-day workshop (co-located with ONE SUMMIT) was approved.
    - **Next Meeting 2024/03/21.**

2024 03 07

Recording

Meeting Recording: Link

Agenda

- Call for scribe (minutes owner): Masahiro Fujii (NTT DOCOMO)
- Previous scribe: 2024 => March : Docomo; February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
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Note: **03-07**: Abdulwahid standing in for Nokia.

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    c. **01-11**: Update on candidates for ODULOW PTL
    d. **03-07**: No New Items this week
4. Release Votes (checklist) and Approval

    a. AP Review
        i. **11-09**: Review AP: **11-02**: AP: Jinri to work with Jackie to refine the table template.
            1. Jinri Huang No update this week. Will continue
            2. **03-07**: The table "Features Implemented Mapping to O-RAN Spec by Project" has implemented in the Release Page. The table will be updated and reviewed. **This AP is closed**.

b. **02-01**: Maintenance Release set for next week TOC 08 Feb 2024

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8. Meeting Summary and Closure

- **03-07:** 4 super commiters are aproved
- **03-07:** Revist CVE issues in the next meeting.
- **Next Meeting 2024/03/14.**

2024 02 29

Recording

Meeting Recording: Link

Agenda

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Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly		Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

Note: **02-29**: Abdulwahid standing in for Nokia.

1. Review and Agree to Minutes of Previous Meeting
    a. **02-29**: postponed for next week, pending approvals for 29.2. and 15.2.
2. Review of Today's Agenda
    a. Confirmation of new PTL
    b. ONE summit
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
    a. **01-04**: No New Items this week
    b. **01-11**: Update from Nephio on integration activity: Sagar Arora
    c. **01-11**: Update on candidates for ODULOW PTL
4. Release Votes (checklist) and Approval
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            - One slot for AI/ML in OSC (MVP-C AI/ML)
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        - Nephio Topic : Started working on the xApps use case (not in the RIC use case) => to be shared next week Sagar Arora
    - **02-15**: OSFG agenda presented, for more info refer to O-RAN wiki.
    - **02-15**: OSC agenda is at 2024-02 O-RAN F2F Athens - Events - Confluence (o-ran-sc.org)
6. Other

6. Standing/old business

a. OSC Lab
    i. **01-11**: OSC Taiwan Lab Update
    ii. **01-11**: Lab Tool Update
        1. Funding did not occur. It's risky and we may not get those tools.
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iii. **01-18**: features for J release

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1. Specify the proper procedure to safeguard the "Viavi" data set (possible solutions : Server in a lab or in a repository)!
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v. **02-01**: PLTs to fill the project goals/features for J Release which could be presented during F2F.

vi. **02-08**: Rittwik Jana highlights for J release (except O-DU low) are finalized

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- Energy Savings - Alex Stancu

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- **02-01**: Energy savings dataset from Viavi - it is acceptable to encrypt it and let Viavi control the password. Process to request the dataset/password to be sorted. Help from Alex Stancu needed.

- Near RT RIC PTL
  - **02-15**: Abdulwahid (Wahid) introduced himself as a candidate for new RT-RIC PTL role. David Kinsey asked Wahid to stand in the role of PTL during the official process. Vote day will be 29.2.
  - **02-29**: No other candidate besides Abdulwahid. Motion proposed by Jinri Huang and seconded by Julien Boudani , motion was approved without objection.

7. Any Other Business (AoB)

- Balaji Varadaraju N.K. Shankaranarayanan Possible confusion with link used to join (Message: "Host has not started the meeting")
  - make sure to use the correect Zoom Link: https://zoom.us/j/6540568082
  - (Old link is still shown Group Email Notification)
  - **01-11**: Modify Calendar Permissions TOC/RSAC bridges; Hostcode distribution
- **02-01**: info.yaml updated with Near-RIC committer changes over last week. No action needed.
- **02-15**: Thank you, Thoralf Czichy , for all your contributions as PTL!
- **02-15**: Deutsche Telekom TOC alternate representative removed.

- One Summit
  - **02-15**: One Summit: Half-day workshop "OpenGovCon: 6G Innovation Day" focusing on future RAN planned on Apr 29, 30 and May 1st at San Jose, Sridhar Rao will share more info and promote O-RAN OSC at booth there. Support from other TOC members requested.
  - **02-15**: Abdulwahid (Wahid) introduced himself as a candidate for new RT-RIC PTL role. David Kinsey asked Wahid to stand in the role of PTL during the official process. Vote day will be 29.2.
  - **02-29**: David Kinsey is in favor to have the collocated event at One summit. Jinri Huang and Irfan Ghauri supports the idea.
  - **02-29**: We need to ensure speakers. David Kinsey will reach to Irfan Ghauri to discuss if he can support this.
  - **02-29**: Sridhar Rao - the latest date to have the speakers list is 20.3. to have time for marketing.
  - **02-29**: we need to be sure that we can collect speakers and topics for 1/2 day agenda.
- Super committer permission
  - **02-29**: announcement from release engineering about need to implement the super committer permissions.
  - **02-29**: needed because of the shift from Jenkins to Gitlab Actions. Permission needed for testing in production.
  - **02-29**: John Keeney supports the idea. No strong pushback from any other PTLs.
  - **02-29**: Jessica Gonzalez will prepare a proposal for next TSC, we need 2 people release engineering team + 2 from the community. John Keeney and Martin Skorupski volunteer.

8. Meeting Summary and Closure

- **01-11**: Nephio O-RAN Integration Status
- **01-11**: Candidates for ODULOW PTL
  - Nomination of Peng LU as a PTL (Motion proposed by David and seconded by Jinri. Motion was approved without objection)
- **01-11**: OSC Taiwan Lab status (OSC O-DU Integration, CI/CD Testing and Integration, Energy Saving),
- **01-18**: Athenes F2F meeting Agenda
- **01-18**: Features for release J
- **01-25**: Topics for the F2F meeting (OSFG session)
- **01-25**: OSC Taiwan Lab update
- **Next Meeting 2024/03/07.**

2024 02 22 - Meeting skipped

Due to the concurrent O-RAN F2F meeting, the meeting was cancelled. Quorum was not checked and thus not reached.

Sridhar Rao shorty presented the ONE summit, more details can be found at https://lfnetworking.org/event/one-summit-2024/ or https://events.linuxfoundation.org/one-summit-north-america/.

2024 02 15

Recording

Meeting Recording: Link

Agenda

- Call for scribe (minutes owner): Jakub Nový (DT)
- Previous scribe: 2024 => February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair			
China Mobile	Jinri Huang Co-Chair		James Li	X
Deutsche Telekom	Jakub Nový	X	Ondej Hudousek	
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fuji	X	Minami Ishii	
Nokia	Arunkumar Halebid		Thoralf Czichy	X
Orange	Julien Boudani			
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly		Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

Note: **02-15**: Seshu Kumar Mudiganti standing in for Wind River today.

1. Review and Agree to Minutes of Previous Meeting
    a. **Decision:** Minutes approval for last TOC meeting 2024-02-01 : Motion proposed Jakub by and seconded Seshu by motion was approved without objection.
    b. **Decision:** Minutes approval for last TOC meeting 2024-02-08 : Motion proposed Jakub by and seconded Seshu by motion was approved without objection.
2. Review of Today's Agenda
    a. Call shortened because the co-chairs were not present
    b. Thoralf Czichy will step down from OSC near-RT RIC position, call for new PTL open. Link
    c. One summit planned, OSC speaker would be welcomed. Sridhar Rao will share info over the mail.
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
    a. **01-04**: No New Items this week
    b. **01-11**: Update from Nephio on integration activity: Sagar Arora
    c. **01-11**: Update on candidates for ODULOW PTL
4. Release Votes (checklist) and Approval
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2024 02 08

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                a. **01-25:** Irfan Ghauri recently got elected
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                a. **01-11**: Nephio O-RAN Integration Status: Sagar Arora (Presentation can be found here TOC Documents)
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                    - Will ask for 4 sessions (David Kinsey)
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                        - One slot for Energy Savings (MVP-C ES)
                        - One slot for AI/ML in OSC (MVP-C AI/ML)

- One slot for TOC/RSAC : Release I highlights, Release J Features (WG1, WG2, WG6, WG3, WG5)
- Creation of 2024 F2F pages (David Kinsey)
- **02-01**: Agenda: https://oranalliance.atlassian.net/wiki/spaces/OAH/pages/3035988011/Agenda+Draft+of+the+F2F+Meetings+February+19-23+2024+Athens

- **01-25**: The bridge for the F2F sessions is the same as the toc bridge
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6. Other

6. Standing/old business

a. OSC Lab
   i. **01-11**: OSC Taiwan Lab Update
   ii. **01-11**: Lab Tool Update
      1. Funding did not occur. It's risky and we may not get those tools.
   iii. **01-25**: OSC Taiwan Lab Update Ray-Guang Cheng Ankit Barve
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   iv. **01-25**: Progress : to get a Sandbox in Windriver
      1. To move from Bedminster to there : our fronthaul gateway and our Grand Master Clock
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   i. 12-07: Sridhar Rao From the I release checklist page, only 5 projects NONRTRIC, RICPLT, ODUHIGH*, INF, AIMLFW completed the committed features. Need all PTLs to work and complete by next Thursday for release vote.For the "Release documentation for Blog/Article on Release" item will have a dedicated marketing person to update the wiki and generate a PR for I release. Ankit Barve how about "Features Implemented Mapping to O-RAN Spec by Project" table for I release? David Kinsey It might be kept at the project level for each PTL to fill in the details of the O-RAN specs impacting features. Ankit Barve Propose to add as a last section to the project.
   ii. **01-11**: RSAC "J" Release Planning Status
   iii. **01-18**: features for J release
      1. Looking at how to connect the infrastructure that we have for the O Cloud to the Fronthall gateway. So, we could deploy O-DU into the cloud and have it able to connect to the TM500 through the Fronthall gateway.
      2. Looking at trying to get an O-DU high / O-DU low instance that is continuously up. Therefore, we would move to continuous integration and test model. So, that new releases of the software would be tested by updating the existing version.
   iv. **01-25**: RSAC issue with the web page
      1. Specify the proper procedure to safeguard the "Viavi" data set (possible solutions : Server in a lab or in a repository)!
      2. Action Item : Ultan Kelly to check with peers and come back with recommendations to the RSAC
   v. **02-01**: PLTs to fill the project goals/features for J Release which could be presented during F2F.
   vi. **02-08**: Rittwik Jana highlights for J release (except O-DU low) are finalized

c. **Project reports (**by features**) (**Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)

- Lab updates, Jian Li
- Disaggregated SMO Flows - N.K. Shankaranarayanan
- Onboarding and Orchestration - Seshu Kumar Mudiganti
- RIC Platform Enhancements - Thoralf Czichy
- Energy Savings - Alex Stancu

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- **02-01**: Energy savings dataset from Viavi - it is acceptable to encrypt it and let Viavi control the password. Process to request the dataset/password to be sorted. Help from Alex Stancu needed.

7. Any Other Business (AoB)

- Balaji Varadaraju N.K. Shankaranarayanan Possible confusion with link used to join (Message: "Host has not started the meeting")
  - make sure to use the correect Zoom Link: https://zoom.us/j/6540568082
  - (Old link is still shown Group Email Notification)
  - **01-11**: Modify Calendar Permissions TOC/RSAC bridges; Hostcode distribution

8. Meeting Summary and Closure

- **01-11**: Nephio O-RAN Integration Status
- **01-11**: Candidates for ODULOW PTL
  - Nomination of Peng LU as a PTL (Motion proposed by David and seconded by Jinri. Motion was approved without objection)

- **01-11**: OSC Taiwan Lab status (OSC O-DU Integration, CI/CD Testing and Integration, Energy Saving),
- **01-18**: Athenes F2F meeting Agenda
- **01-18**: Features for release J
- **01-25**: Topics for the F2F meeting (OSFG session)
- **01-25**: OSC Taiwan Lab update
- **Next Meeting 15/02/15.**

2024 02 01

Recording

Meeting Recording: Link

Agenda

- Call for scribe (minutes owner): Jakub Nový (DT) (01/02 from recording)
- Previous scribe: 2024 => February : DT; January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

Company	Contact Name	Attendance	Alternate Contact	Attendance
AT&T	David Kinsey Co-Chair	X		
China Mobile	Jinri Huang Co-Chair	X	James Li	
Deutsche Telekom	Jakub Nový		Ondej Hudousek	
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fujii	X	Minami Ishii	
Nokia	Arunkumar Halebid		Thoralf Czichy	X
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly	X	Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting
    a. **Decision:** Minutes approval for last TOC meeting 2024-01-25 : Motion proposed Julien by and seconded Jinri by motion was approved without objection.
2. Review of Today's Agenda
    a. No new items added
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
    a. **01-04**: No New Items this week
    b. **01-11**: Update from Nephio on integration activity: Sagar Arora
    c. **01-11**: Update on candidates for ODULOW PTL
    d. **02-01**: info.yaml updated with Near-RIC committer changes over last week. No action needed.
4. Release Votes (checklist) and Approval
    a. AP Review
        i. **11-09**: Review AP: **11-02**: AP: Jinri to work with Jackie to refine the table template.
            1. Jinri Huang No update this week. Will continue
    b. **01-04**: Sridhar Rao have updated the release checklist. The doc projects is now tagged. The websites are updated too, also the the O-RAN Wiki page, and the O-RAN org page.
    c. **02-01**: Maintenance Release set for next week TOC 08 Feb 2024
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
        i. OSFG discussions Jinri Huang
            1. O-RAN SCCL enforcement:
                a. **11-02**: Jakub: currently handled in WG10 tooling team; 2 main topics: SCCL itself, should be included in the code artifact, 2nd is the repository to make the file public; in progress, some braining storming, nothing for OSC to use directly; WG10 to generate the requirements; take to other WG, OFFICE, or OCOP, working on the design part of the thing; more difficult than expected;

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2024 01 25

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Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fujii	X	Minami Ishii	
Nokia	Arunkumar Halebid		Thoralf Czichy	X
Orange	Julien Boudani	X		
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    a. Walk Ons? No new items added
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
    a. 12-07: No New Items this week
    b. 12-07: OAI Roadmap 12-14
    c. 12-14: OAI Vision presented by Irfan and Ganesh.
    d. 12-14: Luis nominates Peng Lu from Intel to take the O-DU Low Phy PTL role as he will be retiring from Intel effective January 5, 2024. link
    e. 01-04: No New Items this week
    f. **01-11**: Update from Nephio on integration activity: Sagar Arora
    g. **01-11**: Update on candidates for ODULOW PTL
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                a. Irfan Ghauri recently got elected
            3. Collaboration with OAI (lab interconnection) and Nephio
                a. 12-07**: Irfan Ghauri** The document that I prepared basically was co-signed by Ganesh and I'd like permission from Ganesh to be able to present. David Kinsey we'll put it on for next week.
                b. 12-07: David Kinsey has a draft for the joint workshop PR but needs get approval from AT&T. Still a pending question about O-DU-low, needs a decision with the roadmap to whether to keep the O-DU-low project. Need to send those questions to Lewis from Intel.
                c. 12-14: We walked through the OAI O-CU + OSC O-DU-High + OAI O-DU-Low presentation by Ganesh Shenbagaraman and Irfan Ghauri to be found in the Toc Documents folder
                d. **01-11**: Nephio O-RAN Integration Status: Sagar Arora (Presentation can be found here TOC Documents)
                e. **01-11**: Next Steps
            4. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint Tracy Van Brakle.
                a. 12-07: Tracy Van Brakle The roadmap of the blueprint is in the form of a white paper and it's a drafty draft on OSFG contribution page. David Kinsey where's O-Cloud in this phase 1 (early iteration)? Nephio is just an enabler. We need O-Cloud to interconnect our labs. Tracy Van Brakle For the road map, introduce O-Cloud as a starting point, 4th quarter 2023; and then Cloudify O-Cloud, 2nd quarter 2024 (deployment by the SMO using O2 interface). David Kinsey when should we be targeting a demonstration with an OAI network function, using an OSC SMO to deploy it with Nephio enablers? 3 roadmaps (OSC, OAI, Nephio) have to be aligned. Saw demo at the workshop that use SMO + Near RT RIC + xApp on A1 to make policy change for DU bandwidth. So something is there but needs to be more generalized. Bala from Red Hat indicates that Nephio is creating their user stories and priorities for the R3 release (starting early 2024 towards the middle of 2024), and O2 IMS is one of them. Tracy Van Brakle Doug and I will see where srsRAN might fit in, and when if they do. srsRAN expressed their interest to participate.
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        1. Looking at how to connect the infrastructure that we have for the O Cloud to the Fronthall gateway. So, we could deploy O-DU into the cloud and have it able to connect to the TM500 through the Fronthall gateway.
        2. Looking at trying to get an O-DU high / O-DU low instance that is continuously up. Therefore, we would move to continuous integration and test model. So, that new releases of the software would be tested by updating the existing version.
    iv. **01-25**: RSAC issue with the web page
        1. Specify the proper procedure to safeguard the "Viavi" data set (possible solutions : Server in a lab or in a repository)!
        2. Action Item : Ultan Kelly to check with peers and come back with recommendations to the RSAC
c. **Project reports (**by features**) (**Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)

        - Lab updates, Jian Li
        - Disaggregated SMO Flows - N.K. Shankaranarayanan
        - Onboarding and Orchestration - Seshu Kumar Mudiganti
        - RIC Platform Enhancements - Thoralf Czichy
        - Energy Savings - Alex Stancu
    - **01-25**: the list of project reports needs to be updated (with the start of our sprint in February)

7. Any Other Business (AoB)

    - Balaji Varadaraju N.K. Shankaranarayanan Possible confusion with link used to join (Message: "Host has not started the meeting")
        - make sure to use the correect Zoom Link: https://zoom.us/j/6540568082
        - (Old link is still shown Group Email Notification)
        - **01-11**: Modify Calendar Permissions TOC/RSAC bridges; Hostcode distribution

8. Meeting Summary and Closure

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- **01-11**: Candidates for ODULOW PTL
    - Nomination of Peng LU as a PTL (Motion proposed by David and seconded by Jinri. Motion was approved without objection)
- **01-11**: OSC Taiwan Lab status (OSC O-DU Integration, CI/CD Testing and Integration, Energy Saving),
- **01-18**: Athenes F2F meeting Agenda
- **01-18**: Features for release J
- **01-25**: Topics for the F2F meeting (OSFG session)
- **01-25**: OSC Taiwan Lab update
- **Next Meeting 02/01/24.**

2024 01 18

Recording

Meeting Recording: LINK

Agenda

- Call for scribe (minutes owner): Julien Boudani (Orange) (18/01 from recording)
- Previous scribe: 2024 => January : Orange; 2023 => December: CMCC + others (TBD); November: Ericsson; October: Viavi September: Samsung; August: Wind River; July: AT&T; June: Radisys, May: TIM, April: CMCC, March: Nokia, Feb: NTT, January-2023: Ericsson, December-2022: Viavi, November: DT, October: Orange, September: Wind River, August: China Mobile, July: Samsung, June: Radisys
- Roll Call & Quorum Check

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China Mobile	Jinri Huang Co-Chair	X	James Li	
Deutsche Telekom	Jakub Nový		Ondej Hudousek	
Ericsson	John-Paul Lane	X	John Keeney	
NTT DOCOMO	Masahiro Fujii	X	Minami Ishii	
Nokia	Arunkumar Halebid		Thoralf Czichy	X
Orange	Julien Boudani	X		
Radisys	Ganesh Shenbagaraman	X	Ankit Barve	
TIM	Andrea Buldorini	X		
Wind River	Jackie Huang	X	Jon Zhang	
Viavi Solutions	Ultan Kelly		Baruch Friedman	
Samsung	Avinash Bhat	X	Peter Moonki Hong	

*Quorum: 50% or more of total TOC voting members unless excluded due to attendance.

1. Review and Agree to Minutes of Previous Meeting
    a. **Decision:** Minutes approval for last TOC meeting 2024-01-11 : Motion proposed by Julien and seconded by Ganesh motion was approved without objection.
2. Review of Today's Agenda
    a. Walk Ons? No new items added
3. New Agenda Items (New Business): New Items Submitted (+speaker) & Open Call to TOC For Additional Items
    a. 12-07: No New Items this week
    b. 12-07: OAI Roadmap 12-14
    c. 12-14: OAI Vision presented by Irfan and Ganesh.
    d. 12-14: Luis nominates Peng Lu from Intel to take the O-DU Low Phy PTL role as he will be retiring from Intel effective January 5, 2024. link
    e. 01-04: No New Items this week
    f. **01-11**: Update from Nephio on integration activity: Sagar Arora
    g. **01-11**: Update on candidates for ODULOW PTL
4. Release Votes (checklist) and Approval
    a. AP Review
        i. 11-09: **Review AP:** 11-02: AP: Jinri to work with Jackie to refine the table template.
            1. Jinri Huang No update this week. Will continue
    b. **01-04**: Sridhar Rao have updated the release checklist. The doc projects is now tagged. The websites are updated too, also the the O-RAN Wiki page, and the O-RAN org page.
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
        i. OSFG discussions Jinri Huang
            1. O-RAN SCCL enforcement:
                a. 11-02: Jakub: currently handled in WG10 tooling team; 2 main topics: SCCL itself, should be included in the code artifact, 2nd is the repository to make the file public; in progress, some braining storming, nothing for OSC to use directly; WG10 to generate the requirements; take to other WG, OFFICE, or OCOP, working on the design part of the thing; more difficult than expected;
                b. 11-09: Jakub Novy mentioned that SCCL was discussed at this week's OSFG meeting, Suggest to follow up at next week TOC. More decisions needed at O-RAN level.
                c. 11-16: Jakub Novy There is a meeting with O-RAN legal next week to review any potential issues.
                d. 11-30: David Kinsey A meeting took place with tooling within WG10. ACOP also needs to be consulted over the process. Jakub Novy to provide update on meeting with O-RAN legal.
                e. 12-07: Jakub Novy Not much to report. Got some feedback from O-RAN legal on brainstorming phase of WG10; Also checking with ETSI, Doug is helping. David Kinsey currently pushing SCCL with WG3,

WG10 and WG4.John Keeney is of interest of publishing R1 related files with SCCL from WG2. David Kinsey R1 related file may end up be an Open API.

f. **01-11:** Status update: Jakub Novy /Jinri Huang
   i. A target of SCCL implementation may be possible by end of April
   ii. A summary is suitable to be presented to the TOC

2. Collaboration with OAI (lab interconnection) and Nephio
   a. 12-07**: Irfan Ghauri** The document that I prepared basically was co-signed by Ganesh and I'd like permission from Ganesh to be able to present. David Kinsey we'll put it on for next week.
   b. 12-07: David Kinsey has a draft for the joint workshop PR but needs get approval from AT&T. Still a pending question about O-DU-low, needs a decision with the roadmap to whether to keep the O-DU-low project. Need to send those questions to Lewis from Intel.
   c. 12-14: We walked through the OAI O-CU + OSC O-DU-High + OAI O-DU-Low presentation by Ganesh Shenbagaraman and Irfan Ghauri to be found in the Toc Documents folder
   d. **01-11**: Nephio O-RAN Integration Status: Sagar Arora (Presentation can be found here TOC Documents)
   e. **01-11**: Next Steps
3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint Tracy Van Brakle.
   a. 12-07: Tracy Van Brakle The roadmap of the blueprint is in the form of a white paper and it's a drafty draft on OSFG contribution page. David Kinsey where's O-Cloud in this phase 1 (early iteration)? Nephio is just an enabler. We need O-Cloud to interconnect our labs. Tracy Van Brakle For the road map, introduce O-Cloud as a starting point, 4th quarter 2023; and then Cloudify O-Cloud, 2nd quarter 2024 (deployment by the SMO using O2 interface). David Kinsey when should we be targeting a demonstration with an OAI network function, using an OSC SMO to deploy it with Nephio enablers? 3 roadmaps (OSC, OAI, Nephio) have to be aligned. Saw demo at the workshop that use SMO + Near RT RIC + xApp on A1 to make policy change for DU bandwidth. So something is there but needs to be more generalized. Bala from Red Hat indicates that Nephio is creating their user stories and priorities for the R3 release (starting early 2024 towards the middle of 2024), and O2 IMS is one of them. Tracy Van Brakle Doug and I will see where srsRAN might fit in, and when if they do. srsRAN expressed their interest to participate.
4. Upcoming F2F meeting
   - **01-18**: Athenes from Feb 19 to 23
     - Registration link
       - https://oranalliance.atlassian.net/wiki/spaces/OAH/pages/3035300766/Registration+to+the+F2F+Meetings+February+19-23+2024+Athens
     - Will ask for 4 sessions (David Kinsey)
       - 2 sessions for O-RAN / OAI Demos
       - One slot for Energy Savings (MVP-C ES)
       - One slot for AI/ML in OSC (MVP-C AI/ML)
       - One slot for TOC/RSAC : Release I highlights, Release J Features (WG1, WG2, WG6, WG3, WG5)
       - Creation of 2024 F2F pages (David Kinsey)
5. Other

6. Standing/old business

   a. OSC Lab
      i. **01-11**: OSC Taiwan Lab Update
      ii. **01-11**: Lab Tool Update
         1. Funding did not occur. It's risky and we may not get those tools.
   b. Release Planning: Weekly TOC Scheduling Sridhar Rao
      i. 12-07: Sridhar Rao From the I release checklist page, only 5 projects NONRTRIC, RICPLT, ODUHIGH*, INF, AIMLFW completed the committed features. Need all PTLs to work and complete by next Thursday for release vote.For the "Release documentation for Blog/Article on Release" item will have a dedicated marketing person to update the wiki and generate a PR for I release. Ankit Barve how about "Features Implemented Mapping to O-RAN Spec by Project" table for I release? David Kinsey It might be kept at the project level for each PTL to fill in the details of the O-RAN specs impacting features. Ankit Barve Propose to add as a last section to the project.
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2024 01 11

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2024 01 04

Recording

Meeting Recording: Link

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        i. 11-02: The f2f meeting recording was put on the wiki. See here: 2023-10 O-RAN F2F Phoenix
        ii. 11-09: **Review AP:** 11-02: AP: **Jinri Huang** to reach O-RAN office to discuss the joint PR draft
            1. Jinri Huang From Zbynek & Jindrich: O-RAN changing PR process so no new PRs this year.
                a. Jinri Huang O-RAN can promote the PR if issued through OAI channel & Add links to it
            2. Irfan Ghauri OAI can help here. Draft proposed. Ongoing & will revert with an update.
                a. 11-09 **AP Irfan Ghauri** For OAI/OSC workshop: will revert with an update on PR content & channel
            3. **12-14** David Kinsey Irfan Ghauri Action Item is complete
        iii. 11-09: **Review AP:** 11-02: AP: Jinri to work with Jackie to refine the table template.
            1. Jinri Huang No update this week. Will continue
    b. 11-30: David Kinsey Nothing pending.
    c. 12-07: David Kinsey Nothing pending.
    d. 12-14: Motion from Thoralf to approve the release with the condition that the three outstanding projects, which the PTL were not represented (RICAPP, SMO, DOC) would close their project activities by 12/21. Seconded by John-Paul. Motion was Approved
    e. **12-21**: Release Review, Conditions were met so 12-14 vote is confirmed.
    f. **01-04**: Sridhar Rao have updated the release checklist. The doc projects is now tagged. The websites are updated too, also the the O-RAN Wiki page, and the O-RAN Org page.
5. O-RAN-related business (marketing, WG interaction, TSC/EC update etc.)
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2. Collaboration with OAI (lab interconnection) James Li user-59b16
    a. Joint Workshop: https://openairinterface.org/joint-osc-oai-workshop-end-to-end-open-source-reference-designs-for-o-ran/
        i. 11-02: the joint workshop, full and good agenda. Plus, OAI has good relationship with SRSRAN;
        ii. 11-09: Irfan Ghauri reminder that workshop happens at Innovation Campus in Burlington not Boston Downtown. Approx 150 registered participants. Full agenda.
            1. 11-09 **AP Irfan Ghauri** to resend agenda to mailing list.
        iii. 11-02: **AP: Jinri Huang** to reach O-RAN office to discuss the joint PR draft -
            1. 11-02: O-RAN and OAI will consider and work on a joint PR.
            2. 11-09: See AP review above.
                a. Jinri Huang From Zbynek & Jindrich: O-RAN changing PR process so no new PRs this year.
                i. Jinri Huang O-RAN can promote the PR if issued through OAI channel & Add links to it
                b. Irfan Ghauri OAI can help here. Draft proposed. Ongoing & will revert with an update.
                i. 11-09 **AP Irfan Ghauri** For OAI/OSC workshop: will revert with an update on PR content & channel
        iv. 11-16: Irfan Ghauri The workshop was generally very well attended. NTIA and NSF attended to give government perspective on O-RAN. Good to get the opportunity to address government agencies directly. Demos were very well received. Presented the next phases of collaboration between OSC and OAI e.g. Nephio and OSC collaboration for SMO and relationship to OAI. Meeting next week with Radisys to discuss potential integration of OAI CU with OSC. Next steps are to try to operationalise the OSC collaboration roadmap with, for example, Nephio. Recordings of workshop, poster sessions and demo sessions to be made available online shortly. Need to have a plan / roadmap for OSC features through 2024 similar to the OAI roadmap.
        v. 11-16: Tracy Van Brakle There is an opportunity for teams to present demo proposals at the upcoming North America O-RAN plugfest readout on Nov 29th. Tracy will post further information to the public mailing list.
        vi. 11-30: Tracy Van Brakle Readout meeting took place for North American O-RAN plugfest. Some outstanding demonstrations were presented. Demonstrators and participants from industry an university faculty students. Mini-PR to be discussed to mark this event. Funding is starting to come from O-RAN Alliance and government agencies (in US and beyond). Martin Skorupski it was good to see things moving in alignment between the O-RAN Alliance and open source.
        vii. 11-30: David Kinsey will prepare PR regarding the Boston meeting of OSC and OAI. Irfan Ghauri has shared the summary of meeting with OAI steering meeting. Interesting to learn that Nephio has input into the SMO (FOCOM).
        viii. 11-30: Irfan Ghauri Next steps are to present a joint roadmap. Should be presented to and reviewed by the OSC TOC. David Kinsey there is a challenge for OSC to do better with creating a multi-release feature roadmap.
        ix. 11-30: Irfan Ghauri follow-up discussions are already taking place for the traffic network functions. For example, Radisys are working on the O-DU integration with OAI. The workshop really helped to kickstart this collaboration between OSC and OAI. David Kinsey Do we continue to use the OSC O-DU (Low) or do we start to look towards OAI for this function? Ankit Barve has taken an action point at RSAC to investigate a mix n match approach with OSC and OAI for O-DU. Should have a clearer picture on this over the coming weeks.
        x. 12-07**: Irfan Ghauri** The document that I prepared basically was co-signed by Ganesh and I'd like permission from Ganesh to be able to present. David Kinsey we'll put it on for next week.
        xi. 12-07: David Kinsey has a draft for the joint workshop PR but needs get approval from AT&T. Still a pending question about O-DU-low, needs a decision with the roadmap to whether to keep the O-DU-low project. Need to send those questions to Lewis from Intel.
        xii. 12-14: We walked through the OAI O-CU + OSC O-DU-High + OAI O-DU-Low presentation by Ganesh Shenbagaraman and Irfan Ghauri to be found in the Toc Documents folder
3. OSFG - OSC/OAI integration in furtherance of Super Wireless RAN blueprint Tracy Van Brakle.
    a. 11-09: Tracy Van Brakle: Draft of First version - aiming for Release 0 at end of year.
        i. Link for those who can access O-RAN Wiki: https://oranalliance.atlassian.net/wiki/spaces/OSFG/pages/3020881939/2023-11-06+OSFG+Agenda
    b. 11-30: Tracy Van Brakle Meeting planned for December 14th to review the roadmap with O-RAN Alliance TSC co-chairs. OSFG meeting Monday 4th will review (5am PT).
    c. 11-30**:** Tracy Van Brakle Need blueprint status, technical issues and roadmap as input to the TSC co-chair meeting.
    d. 11-30**:** Jinri Huang Plans to approach Jindrich Brett in O-RAN Alliance to confirm process for voting on a vendor co-chair for OSFG

e. 12-07: Tracy Van Brakle The roadmap of the blueprint is in the form of a white paper and it's a drafty draft on OSFG contribution page. David Kinsey where's O-Cloud in this phase 1 (early iteration)? Nephio is just an enabler. We need O-Cloud to interconnect our labs. Tracy Van Brakle For the road map, introduce O-Cloud as a starting point, 4th quarter 2023; and then Cloudify O-Cloud, 2nd quarter 2024 (deployment by the SMO using O2 interface). David Kinsey when should we be targeting a demonstration with an OAI network function, using an OSC SMO to deploy it with Nephio enablers? 3 roadmaps (OSC, OAI, Nephio) have to be aligned. Saw demo at the workshop that use SMO + Near RT RIC + xApp on A1 to make policy change for DU bandwidth. So something is there but needs to be more generalized. Bala from Red Hat indicates that Nephio is creating their user stories and priorities for the R3 release (starting early 2024 towards the middle of 2024), and O2 IMS is one of them. Tracy Van Brakle Doug and I will see where srsRAN might fit in, and when if they do. srsRAN expressed their interest to participate.

4. Other
   a. 11-09: Mix up with times for this week's OSFG meeting. Calendar has now been updated to 7AM EST (Jinri Huang).
   b. 12-07: David Kinsey need to work out the scribe. Jinri Huang will do 12/7, and David Kinsey can do 12/14. May need one for 12/21. Julien Boudani can do January 2024, starting from 1/4.

6. Standing/old business

a. OSC Lab
   i. 11-09: Tracy Van Brakle Looking forward to discussions in Boston of having OSC labs working for upcoming plugfest, but also for experimentation & demos
      1. See also links from OSFG last week. For those who can access O-RAN Wiki: https://oranalliance.atlassian.net/wiki/spaces/OSFG/pages/3020881939/2023-11-06+OSFG+Agenda
   ii. 11-30: David Kinsey Bedminster lab remains down. Considering consolidation into a different AT&T lab, in a different location (still NJ), which is more aligned with OSC work. Access processes should be similar to current access process. **AP** on David Kinsey and Tracy Van Brakle to review and revert.
   iii. 11-30: David Kinsey proposals for lab contract to be reviewed within AT&T. Work is ongoing and progress is being made. Next two weeks are critical in order to get funding from O-RAN Alliance and finalise lab plans.

b. Release Planning: Weekly TOC Scheduling Sridhar Rao
   i. 11-02: Mapping b/w OSC project work and WG spec. work discussed. There is a table for this mapping for H release. See here: H Release (The table at the end of the page). Good example from INF project with a detailed excel file to record the detailed mapping. Jinri encourage the PTL to make such efforts, or at least fill in the table. Some echos on this suggestion. Some comments are that the work is beyond trial and time-consuming. sometime difficult since some spec. may not have stage-3 defined. Another suggestion is to use the conformance spec. Jinri responded that the value of the work is significant. Yet admitted community is contribution-driven. Yet still strongly encourage the team to do this.
   ii. 11-02: **AP**: **Jinri** to work with Jackie to refine the table template.
      1. 11-09: See AP review above.
         a. Jinri Huang: This table is for mapping template between project & specs. No update this week. Will continue
   iii. 11-09: Sridhar Rao License Scanning will be complete with report by 10 Dec. See checklist on wikipage: Release Checklist#I-Release
   iv. 11-09: **AP: Sridhar Rao** will report back next week on progress/status of release process & checklist
   v. 11-16: Sridhar has reviewed the status of release I documentation. Many documents still outstanding. **AP: All PTL**s to update release I checklist and ensure a plan to finalise release docs.
   vi. 11-30: Sridhar Rao is not seeing updates on wiki release pages. Based on current lack of progress, it may be difficult to meet release deadlines for December. PTLs and teams need more urgency in updating release I pages / wiki, highlights, release checklist and other release-relevant documentation. Once all documentation is ready, the only thing required is a TOC release vote.
   vii. 11-30: David Kinsey Release I date is provisionally targeting 25th - 29th December. This may be challenging for some. Need to agree a date for the release vote to take place. Thoralf Czichy suggests the 14th December (keeping 21st December as a backup) for the Release I vote. David Kinsey made motion to release on 14th December, Thoralf Czichy seconded. Motion approved.
   viii. 12-07: Sridhar Rao From the I release checklist page, only 5 projects NONRTRIC, RICPLT, ODUHIGH*, INF, AIMLFW completed the committed features. Need all PTLs to work and complete by next Thursday for release vote.For the "Release documentation for Blog/Article on Release" item will have a dedicated marketing person to update the wiki and generate a PR for I release. Ankit Barve how about "Features Implemented Mapping to O-RAN Spec by Project" table for I release? David Kinsey It might be kept at the project level for each PTL to fill in the details of the O-RAN specs impacting features. Ankit Barve Propose to add as a last section to the project.

c. **Project reports (**by features**) (**Note: From Aug. 3, it is decided that Project reports in groups will be strike out, and it will be done by features)

- E2E call - pairwise testing, Jian Li , Nov. 2
- Lab updates, Jian Li , Nov. 2
  - 11-02: Presentation here
- Disaggregated SMO Flows - N.K. Shankaranarayanan , Nov. 9
  - 11-09: N.K. Shankaranarayanan Provided a update on Opensource projects in SMO space & mapping to 'Decoupled SMO Architecture'
    - Presentation: https://wiki.o-ran-sc.org/download/attachments/78217260/dec_smo_flows_v1.4_20231109.pptx?api=v2
    - Jinri Huang Suggestion to add dates to slides as they change.
- Onboarding and Orchestration - Seshu Kumar Mudiganti , Nov. 9
  - 11-09: No update this week.
    - Come back to this next week, Nov 16
    - **AP:** Project/Feature Update from Seshu Kumar Mudiganti on Nov 16
- RIC Platform Enhancements - Thoralf Czichy , Nov. 16
  - **AP:** Project/Feature Update from Thoralf Czichy on Nov 16 (report not ready) Nov 23: link
  - **11-30**: Thoralf Czichy significant number of items which were planned for Release I will be delayed to Release J. However, they are being worked on so confidence is high that they will be delivered in

Release J timeframe. Some bug fixes in Release I, others moved to Release J. Work continues to enable Release I. Detailed RIC Platform project report is available here.

- Energy Savings - Alex Stancu, Nov. 16
  - **AP:** Project/Feature Update from Alex Stancu on Nov 16
  - 11-16: Team data set in Nexus - publicly available to read. AI/ML team looking into model training. Energy savings data set being reviewed by NTUST. Release I will deliver the enablers and E2E demo will be available in release J.

7. Any Other Business (AoB)

- Balaji Varadaraju N.K. Shankaranarayanan Possible confusion with link used to join (Message: "Host has not started the meeting")
  - make sure to use the correect Zoom Link: https://zoom.us/j/6540568082
  - (Old link is still shown Group Email Notification)

8. Meeting Summary and Closure

- **11-02: AP: Jinri** to work with Jackie to refine the table template. 11-16: Ongoing
- **12-14: 12-7 Minutes Approved**
- **12:14: AP for Joint Workshop PR Closed**
- **12-14: Release Conditionally Approved**
- **12-21: 12-14 Minutes Approved**
- **12-21: Release Conditions are satisfied within the time bound so the release is approved.**
- **01-04: 12-21 Minutes Approved**
- **Next Meeting 1/11/24.**

Archived Meetings