

2023-03-22 Meeting notes - Joint OAM / NONRTRIC / SIM Community meeting

Time & Location:



Meeting Detail: Times & Joining Info

Wednesdays at 16:00 UTC in Summer, 17:00 UTC in Winter!

Zoom Bridge : <https://us02web.zoom.us/j/89069708424?pwd=aGJOZm54eTUxd0FXR0VCU1N0ejBrUT09>

- Ensure you are signed into your Zoom account to join.
- Meeting ID: **890 6970 8424**.
- See the Calendar: (<https://lists.o-ran-sc.org/g/main/calendar>)
- **NOTE:** During the "Daylight Savings Time" changeover periods (US vs Europe vs Asia) the time of the meetings may fluctuate.
 - Summer Daylight Savings time eventually stabilizes to: **9am PDT | 12pm EDT | 16:00 UTC | 17:00 BST | 18:00 CEST | 19:00 EEST | 21:30 IST | 00:00 CST (Thurs) | 01:00 JST (Thurs)**
 - Winter (non-DST) time eventually stabilizes to: 9am PST | 12pm EST | 17:00 UTC | 17:00 GMT | 18:00 CET | 19:00 EET | 22:30 IST | 01:00 CST (Thurs) | 02:00 JST (Thurs)
 - (During WinterSummer DST changeover follow US time. SummerWinter DST changeover follow Europe time)
- Meeting ID: **890 6970 8424**
- You will need a **Participant ID** so you will need to join the meeting from a Zoom client first to get this.
- Dial in: ([Local numbers](#))
 - +1 646 558 8656 US (New York)
 - +49 30 5679 5800 Germany
 - +49 69 3807 9883 Germany
 - +353 1 240 8941 Ireland
 - +46 8 4468 2488 Sweden
 - +46 8 5016 3827 Sweden
 - +358 3 4109 2129 Finland
 - +358 9 7252 2471 Finland

Please checkout the calendars:

- <https://lists.onap.org/g/onap-meetings/calendar>
- <https://lists.o-ran-sc.org/g/main/calendar>

Important Note about Daylight Savings Time



Important: Daylight Savings Time: Times will change for some people in coming weeks

- **2023-03-22:** 9am PDT | 12pm EDT | 16:00 UTC | **16:00 GMT | 17:00 CET | 18:00 EET** | 21:30 IST | 00:00 CST (Thurs) | 01:00 JST (Thurs)
 - Meeting time remains an hour earlier for European attendees - but will change back to 'normal' time soon
- **2023-03-29:** 9am PDT | 12pm EDT | 16:00 UTC | **17:00 BST | 18:00 CEST | 19:00 EEST** | 21:30 IST | 00:00 CST (Thurs) | 01:00 JST (Thurs)
 - Daylight savings change in Europe - Meeting time returns to normal for European attendees

Please checkout the calendars:

- <https://lists.onap.org/g/onap-meetings/calendar>
- <https://lists.o-ran-sc.org/g/main/calendar>

Anti-Trust Notice

- [Antitrust Policy Notice](#)
- [Antitrust Policy](#)

Date

22 Mar 2023

Attendees

- [John Keeney](#) (Ericsson EST & OSC NONRTRIC)
- [Alex Stancu](#) (Highstreet & OSC SIM)
- [Martin Skorupski](#) (Highstreet & OSC OAM)
- [N.K. Shankaranarayanan](#) (ONAP)
- [Seshu Kumar Mudiganti](#) (Windriver & ONAP)
- [Kevin Timoney](#) (Ericsson EST)
- [Sonia Sangari](#) (Ericsson EST)
- [Aravindhan Ayyanathan](#) (Ericsson EST)
- [Kamel Idir](#) (Ericsson)
- [Yogendra Pal](#) (Aarna)
- [Lukasz Rajewski](#) (DT)
- [David McBride](#) (LF & ONAP)
- *May not have captured a full attendee list for this meeting ... please add/remove yourself 😊*

See also / co-located (ONAP/O-RAN-SC/SMO - Meeting)

- Co-located with [ONAP 2023-03-22 Meeting notes \(ONAP/O-RAN-SC/SMO - Meeting\)](#)

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Recording

- Oops - No recording this week. Sorry 😞

Notes:

Housekeeping:

- **Calendar:**
 - <https://lists.o-ran-sc.org/g/main/calendar>
 - <https://lists.onap.org/g/onap-meetings/calendar>
 - **This Week:** 22/03/2023 9am PDT | 12pm EDT | **16:00 UTC** | **16:00 GMT** | **17:00 CET** | **18:00 EET** | 21:30 IST | 00:00 CST (Thurs) | 01:00 JST (Thurs)
 - **Next Week:** 29/03/2023: 9am PDT | 12pm EDT | **16:00 UTC** | **17:00 BST** | **18:00 CEST** | **19:00 EEST** | 21:30 IST | 00:00 CST (Thurs) | 01:00 JST (Thurs)
- *OSC SMO project calls now move to its own time slot - alternate Thursdays*
 - See OSC RSAC Calendar: <https://wiki.o-ran-sc.org/display/RSAC/calendars>
 - See also OSC Meetings calendar: <https://lists.o-ran-sc.org/g/main/calendar>
 - (Note this meeting to open to anyone, including non-ORAN members)
 - We will maintain this slot for ONAP Alignment, and try flag issues/question to/from SMO meetings.
 - See [OSC SMO Project meeting notes](#)
- See also [OSC AIML Project meeting notes](#)

OSC Project roundup:

News from OSC TOC call last week

- [https://wiki.o-ran-sc.org/display/TOC#ORANSTechnicalOversightCommittee\(TOC\)](https://wiki.o-ran-sc.org/display/TOC#ORANSTechnicalOversightCommittee(TOC))
 - Last week's TOC (Thursday):
 - [Mahesh Jethanandani](#) Stepping down as SMO PTL. Call for nominations is open.
 - Nominations to OSC TOC mailing list:
 - So far: [Yogendra Pal](#) <https://lists.o-ran-sc.org/g/toc/message/869>
 - Updates from PTLs
 - Status update on plans for O2 in SMO project.
 - e.g. [O2DMS in ETSI NFV profile](#) & [SMO Functions.docx](#)
 - This week's TOC (Tomorrow):

NONRTRIC ([John Keeney](#))

- Continuing as per last week :
 - A lot of work in JDK 17 & Springboot 3 updates
 - Consolidating PM data exposure in new repo for RAN PM functions
 - <https://gerrit.o-ran-sc.org/r/gitweb?p=nonrtric%2Fplt%2Fpm.git;a=summary>
 - (R1) Service Exposure & Management
 - CAPIF Aligned Service Registry
 - Secured/Sandbox execution environment
 - Controlled access & exposure of service to/from rApps
 - (R1) Data Management & Exposure
 - File-based PM data InfluxDB
 - Previous focus on PM data - but will extend to other use cases too
 - Aim to work with AIML project for Training (and Inference ?) data access
 - rApp Management
 - Built on ONAP "Automation Composition" model & platform to implement rApp use cases
 - Inference Services in rApps
 - Added a 'KServe Participant'
 - rApp-specific extensions needed
 - Packaging, Onboarding & Orchestration of rApps
 - rApp-specific packaging & Onboarding
 - Aim to align with / inform ongoing work in O-RAN (& OSC) about Common App packaging & Onboarding.
 - (rApps with & without μ Service)
 - Overlap with Service Exposure work to examine role of an rApp Manager to support controlled exposure & LCM of μ Service and non- μ Service parts of an rApp
 - Continued A1-Policy & A1-Enrichment-Information evolution (& R1-A1)
 - A1 Spec evolution
 - A1-Policy work in ONAP (continues in ONAP London) - candidate for R1-A1(P)
 - A1-EI management as part of DME - candidate for how to include A1-EI in R1-DME
 - Sample use cases (rApps)
 - Requirements Drivers for rApp/R1 development
 - High degree of cross-project integration activity
 - Testing, Maintenance & Housekeeping
 - Function Test & Integration Test environment,
 - Support integration, deployment & configuration of SMO/Non-RT-RIC related functions & usecases in OSC Integration env.
 - Project coordination, Documentation, Delivery, Reporting, Cross-project alignment, Community demos, O-RAN Standardization support, etc.
- Re JDK17 Docker image sizes: [Kamel Idir](#) Any plans to use GraalVM-based images? [John Keeney](#) Looking closely at it, but don't feel we're ready yet.

SIM ([Alex Stancu](#))

- Working on O-DU simulator with 3GPP Yang Models. Currently script-based to build custom images - avoids 3GPP licensing issues.
- PM File generation
 - [John Keeney](#) [Alex Stancu](#) No update

OAM ([Martin Skorupski](#))

- Scripts for injecting 3GPP models for Yang (CM) & Yaml (VES) from external repos.
 - Including VES collector configuration - currently manual scripted
 - Schema validation already working.
 - Currently dockerfile / compose, moving to K8s.

O-DU ([Hariom Gupta](#) [Vidhu Shekhar Pandey](#))

- No Update

OSC Integration / INT ([James Li](#))

- No update this week
- Last Week:

- Discussions at RSAC & SMO meetings with [Thoralf Czichy](#) [subhash kumar singh](#) [James Li](#) [Bin Yang](#) driving for O2-related integration across projects.
 - Ref: <https://wiki.o-ran-sc.org/download/attachments/3604609/SMO%20Functions.docx?api=v2>
 - Ref: [O2DMS in ETSI NFV profile](#)
 - Ref: <https://wiki.o-ran-sc.org/download/attachments/3604609/SMO%20Functions.docx?version=2&modificationDate=1678930579472&api=v2>
- How to support both K8S & ETSI-aligned O2-DMSS in a multi-cloud environment. Alignment also with SMO Tacker team.

RSAC/SMO ([David Kinsey](#))

- Minutes: [RSAC Meetings](#) (22/3)
 - Recording: <https://zoom.us/rec/share/D3ZkRsAQ1lu9QY1zomJmAnmXzAUL3FTWJSFqCPDIUKVmZ96HbEu7DQLy34yidjDe.GMyDeZxm34UwgOSR>
 - [Andrea Buldorini](#): SMO Decomposition and how that applies to OSC: https://wiki.o-ran-sc.org/download/attachments/3604609/TIM-2023.03.22-OSC-RSAC_Architectural_principles_for_SMO_Services_integration.pdf?api=v2
 - [N.K. Shankaranarayanan](#) : Open-Source Harmonization with OSC: https://wiki.o-ran-sc.org/download/attachments/3604609/ONAP_OSC_Areas_20230321.pdf?api=v2
 - See below

AI/ML platform project ([Joseph Thaliath](#))

- Minutes & Meeting: [Meeting notes](#)
- Calendar: <https://lists.o-ran-sc.org/g/main/calendar>
 - No update this week
 - Making good progress on integration with NONRTRIC DME / OAM PM data access.
 - Ref Slides: https://wiki.o-ran-sc.org/download/attachments/57377183/Integration_plan_v3.pptx?version=1&modificationDate=1679383881563&api=v2 Videos: https://wiki.o-ran-sc.org/download/attachments/71762231/icsjob_qoedata.mp4?api=v2 & <https://wiki.o-ran-sc.org/download/attachments/71762231/trainingjob.mp4?api=v2>
 - Update on KServe adapters (xApp & rApp) .

ONAP Use cases ([N.K. Shankaranarayanan](#))

- ONAP SON uses case ... & others
 - Coming together well now. ... counting down to M3 😊
 - See links below:
 - <https://wiki.onap.org/display/DW/O1+CM+Update+Notification+VES+Message>
 - <https://wiki.onap.org/display/DW/CPS-1434%3A+VES+Message+to+update+CPS+DB>
 - <https://jira.onap.org/browse/CPS-1434>
 - <https://jira.onap.org/browse/INT-2177>

ONAP / OSC / O-RAN Alliance: Cooperation & Alignment

- [N.K. Shankaranarayanan](#) Presentation of slides discussed in past weeks at RSAC call today. See above.
 - Slides:
 - https://wiki.o-ran-sc.org/download/attachments/3604609/ONAP_OSC_Areas_20230321.pdf?api=v2
 - Based on discussion of topics on : <https://wiki.onap.org/pages/viewpage.action?pageId=162105284>
 - Recording: (second half of) <https://zoom.us/rec/share/D3ZkRsAQ1lu9QY1zomJmAnmXzAUL3FTWJSFqCPDIUKVmZ96HbEu7DQLy34yidjDe.GMyDeZxm34UwgOSR>
 - Excellent session to make people aware / motivated about overlaps, with concrete opportunity for better alignment & engagement.
- [Seshu Kumar Mudiganti](#) We also need to think about Non functional aspects, such as scalability, security, energy usage. [John Keeney](#) Those are costly. Trade off against resources available for functional aspects. Do we need to find out if there is a preference for functional vs non-functional?
- Lots of hard work to do. We will try to identify concrete follow ups.
- Lets continue on the areas we already have good alignment, & strengthen focus on newer potential areas, as described in the slides.

Plugfest [David McBride](#) [Martin Skorupski](#)

- <https://www.iol.unh.edu/event/2023/03/o-ran-global-plugfest-spring-2023>
- Runs March - June 2023
- More updates later as we see more engagement/outputs.

Update from ONAP [David McBride](#)

- At M3 milestone. Maybe a small delay ... to discuss at ONAP TSC
- [London release](#) June '23 still on schedule.
 - <https://wiki.onap.org/display/DW/Project+Status+in+London+Release>
 - <https://wiki.onap.org/display/DW/London+Release+Requirements>
 - Lots of headlines - including
 - Service mesh,
 - Deprecating MSB
 - DMaaP MR ... ongoing ... nearly there.
 - And lots more good stuff 😊

Questions / Comments / AOB:

- None this week - Ran out of time.

Meeting ends