

2023-02-22 Meeting notes - Joint OAM / NONRTRIC / SIM Community meeting

Time & Location:



Meeting Detail: Times & Joining Info

Wednesdays at 16:00 UTC in Summer (DST), 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>

Anti-Trust Notice

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

Date

22 Feb 2023

Attendees

- [John Keeney](#) (Ericsson EST & OSC NONRTRIC)
- [Martin Skorupski](#) (Highstreet & OSC OAM)
- [Alex Stancu](#) (Highstreet & OSC SIM)
- [James Li](#) (CMTI & OSC INT)
- [N.K. Shankaranarayanan](#) (ONAP TSC)
- [Kevin Timoney](#) (Ericsson EST)
- [Sonia Sangari](#) (Ericsson EST)
- [Aravindhyan Ayyanathan](#) (Ericsson EST)
- [Kamel Idir](#) (Ericsson)
- 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 2023-02-22 Meeting notes \(ONAP/O-RAN-SC/SMO - Meeting\)](#)

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Recording

- [Recording \(MP4 - lo res\)](#)

Notes:

Housekeeping:

- **Calendar:**
 - <https://lists.o-ran-sc.org/g/main/calendar>
 - <https://lists.onap.org/g/onap-meetings/calendar>
 - **09:00 PST | 12:00 EST | 17:00 UTC | 17:00 GMT | 18:00 CET | 22:30 IST | 01:00 (+1d) CST**
- Will need to talk about daylight savings time switchover in coming weeks.
- *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):
 - No call last week
 - Discussion at O-RAN F2F meetings:
 - [F2F Presentation Material](#)
 - [H Release](#)
 - This week's TOC (Tomorrow):
 - Discussion on copyright & O-RAN F2F preparation

NONRTRIC ([John Keeney](#))

- Goodbye to [Henrik Andersson](#) one of our first & most prolific contributors for the past 4 years. He'll be missed 😞
- G Maintenance Release - small bug fixes etc
 - Image preparation & releases completed. No very significant updates from G Release
- File-based PM data InfluxDB
 - Early demo at AI-MLProject this week
 - <https://gerrit.o-ran-sc.org/r/c/nonrtric/+10477>
 - Will demo here in coming weeks when a little more stable
 - Uses tool-chain demonstrated for file-based PM parse filtered & streamed to rApps - now extended to also store in influxDB.
 - G-Release: Demonstration: "PM Collection & Delivery to rApps" [Demo](#)
- Inference Services in rApps
 - Extension to ONAP ACM functions - added a 'KServe Participant'
 - Now supports ML Inference services in ACM Apps (rApps) - so they are LCM'ed in a common way - along with other rApps components /elements
 - Will demo in a short while when function is a bit more stable / cleaner.

- <https://gerrit.onap.org/r/c/policy/clamp/+133263>
 - <https://docs.onap.org/projects/onap-policy-parent/en/latest/clamp/clamp.html>
 - <https://wiki.onap.org/display/DW/Automation+Composition+Management%3A+Architecture+and+Design>
- Otherwise as per last week. Development for each of the topics below continue ...
 - Release H Planning continues:
 - (R1) Service Exposure & Management
 - CAPIF Aligned Service Registry
 - Secured/Sandbox execution environment
 - Controlled access & exposure of service to/from rApps
 - (R1) Data Management & Exposure
 - 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
 - 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.

SIM (Alex Stancu)

- Continuing discussions with Northeastern Univ re ns3 simulator plugin - E2 Alignment
- Looking at ves File Ready event, to be O1 compliant
 - [John Keeney](#) [Alex Stancu](#) We should talk about linking up & demoing O1-Simulator rApp flow mentioned in NONRTRIC section above.
 - Could look at extending simulator to continuously/periodically expose PM files. ... But need some samples ... maybe with random data?
 - Some discussion on sample PM files ... Does anyone know where we could find an O-RAN O1 compliant sample file?
 - Still compliant with 3GPP DU/CU ... Maybe an operator might have a some samples

OAM (Martin Skorupski)

- Updating OAM with latest O1 specs.

O-DU (Hariom Gupta Vidhu Shekhar Pandey)

- No Update

OSC Integration / INT (James Li)

- Working on XTesting for xApp onboarding etc
- Examining how to work with INF project re O2 interface, & overlap with Tacker team in SMO.

RSAC/SMO (David Kinsey)

- Ref: [RSAC Meetings](#)
 - Discussion on O-RAN Wireless Blueprint
 - <https://wiki.o-ran-sc.org/download/attachments/67535150/2023-02-15-OSFG-MEETING-PRAGUE-1920-1080%20.pdf?api=v2>
 - https://wiki.o-ran-sc.org/download/attachments/67535150/Proposal_Super_Wireless_Blueprint_O-RAN_OSFG_DRAFT_2023-02-02.docx?api=v2
 - Upcoming meeting this week ... OSFG? or OSC? or Public? - following on from discussions at OSFG/OSC session at O-RAN F2F
 - [Tracy Van Brakle](#): Can perhaps mention/discuss at OSC TOC call tomorrow?

AI/ML platform project (Joseph Thaliath)

- Minutes & Meeting: [Meeting notes](#)

- Calendar: <https://lists.o-ran-sc.org/g/main/calendar>
 - Spoke / Demoed File-Based PM exposure to AIML platform for training/inference
 - Ref NONRTRIC topic above
 - Ref [discussions on this topic at this meeting 3 weeks ago](#)
 - Hope to demo ML Inference service LCM / rApp KServe Adapter in 2 weeks
 - Ref NONRTRIC topic above

ONAP Use cases (N.K. Shankaranarayanan)

- Discussed again sample VES CM Notification message - see
 - Sample message in <https://jira.onap.org/browse/INT-2180> && <https://jira.onap.org/browse/INT-2181>
- Work in ONAP CPS can be tracked at <https://jira.onap.org/browse/CPS-1407> && <https://wiki.onap.org/display/DW/CPS-1434%3A+VES+Message+to+update+CPS+DB>

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

- Still working on list of collaboration/alignment topics between OSC & ONAP.
See previous weeks to draft list.

LFN DTF:

- 13-16 February LFN Developer & Testing Forum
 - <https://wiki.lfnetworking.org/pages/viewpage.action?pageId=82903240>
 - <https://teamup.com/ksgw6qzqcmg9zbzsfq>
- Ran out of time to discuss

Questions / Comments / AOB:

- No time this week

Meeting ends