

2024-01-30 Meeting notes - Joint OAM / NONRTRIC / SIM Community meeting

Time & Location:



Meeting Detail: Times & Joining Info

Tuesdays at 15:00 UTC (14:00 UTC in Summer DST Northern Hemisphere)

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

- Ensure you are signed into your Zoom account to join.
- Meeting ID: **890 6970 8424**. By Phone: Dial in ([Local numbers](#)): You will need a Participant ID so you will need to join the meeting from a Zoom client first to get this.
- 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.
 - Winter (non-DST) time (Q4, Q1) eventually stabilizes to:
7am PST | 10am EST | 15:00 UTC | 15:00 GMT | 16:00 CET | 17:00 EET | 20:30 IST | 23:00 CST (Thurs) | 00:00 JST (Thurs)
 - Summer Daylight Savings time (Q2, Q3) eventually stabilizes to:
7am PDT | 10pm EDT | 14:00 UTC | 15:00 BST | 16:00 CEST | 17:00 EEST | 19:30 IST | 22:00 CST | 23:00 JST
 - (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

30 Jan 2024

Attendees

- [John Keeney](#) (Ericsson EST & OSC NONRTRIC)
- [Martin Skorupski](#) (Highstreet & OSC OAM)
- [Alex Stancu](#) (Highstreet & OSC SIM)
- [James Li](#) (CMRI & OSC INT)
- [N.K. Shankaranarayanan](#) (ONAP)
- [Denis G Noonan](#) (Ericsson EST)
- [Aravindhan Ayyanathan](#) (Ericsson EST)
- [Ambrish Singh](#) (Ericsson EST)
- [Raviteja Karumuri](#) (Ericsson EST)
- [Varada Varad](#) (Samsung)
- Srinivas Yanamadala (Tech Mahindra)
- [Felix Klement](#) (Univ. Passau)
- [Deena Mukundan](#) (Tech Mahindra)
- [guru raja](#) (Tech Mahindra)
- May not have captured a full correct attendee list for this meeting ... please add/remove yourself 😊

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

- Co-located with [ONAP 2024-01-30 Meeting notes \(ONAP/O-RAN-SC/SMO - Meeting\)](#)

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Recording

- [Recording \(MP4 - hires\)](#)

Notes:

Housekeeping:

- [Calendar:](#)
 - <https://lists.o-ran-sc.org/g/main/calendar>
 - <https://lists.onap.org/g/onap-meetings/calendar>
- [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):
 - [Release J planning continues](#)
 - [Call for attendees & suggestions for O-RAN Athens F2F](#)
 - [Need to discuss how to report on project/usecase to TOC for J-Release. TBC.](#)
 - [OSFG/OSC discussions continue. No update on SCCL yet.](#)
 - This week's TOC (in 2 days):

NONRTRIC ([John Keeney](#))

- Initial proposals for J Release are ongoing:
 - Tentative headline goals:
 - Continue work on rApp Manager - as a focal point for tying together alot of other existing activities
 - Working on some sample rApps. e.g. See [Release J: Simple rApp using Hello World Microservice](#)
 - Continue work on Service Manager - again pulling together alot of work on Service Exposure in previous releases
 - may be able to get an early alpha version released at I Maintenance Release time - running out of time on this.

- Continue maturing the A1-Policy Controller function (ref [ONAP](#)) - including a potential new NBI (v3) to achieve R1 alignment
 - May need to de-prioritise some of the older less-used NONRTRIC functions - we welcome others in the community to help take these on if interested.
 - Need to study how/if we can achieve R1-DME alignment. Specs continue to diverge from our implementation - with alot of effort need to align. We welcome contributors to help here.
- Maintenance I-Release
 - Running out of time
 - Still have an issue with A1 compatibility between A1-PMS and near-RT-RIC A1 Mediator. Hoping to make progress & fix together with A1-Mediator team for Maintenance Release.
 - [NONRTRIC-939](#) - Getting issue details... STATUS
 - [RIC-999](#) - Getting issue details... STATUS
 - [RIC-1031](#) - Getting issue details... STATUS
 - Maybe Service Manager - TBC
- Working through reviews for changes to it/dep charts. Main focus on A1-PMS configuration functionality & state. Still verifying

SIM (Alex Stancu)

- J Release Planning
- Will be updating at RSAC call: [RSAC Meetings](#)
 - No new use cases or feature requests yet
 - Thinking on moving simulator infrastructure form C++ Python. Will hopefully help get more contributions
 - Would like to move to later version of netopeer
 - O-RAN spec alignment as features are added

OAM (Martin Skorupski)

- J-Release Planning:
 - Issue with OAuth (ONAP London ++) - working on this
 - Issue with Jetty Karaf ODL CCSDK - Work ongoing
 - Updating OAM controller & version updates
 - Updating to ODL Potassium
 - Update to Oct 2023 O1 specs.
 - Working through issue with yang specs from Wg10, WG4, WG5
 - WG9 support
 - Trying to align ONF/IETF/IEEE models

OSC Integration / INT (James Li)

- Working on F2F planning.
- Calling for OSC demos

O-DU (Vidhu Shekhar Pandey)

- No update this week

SMO (Seshu Kumar Mudiganti)

- No update this week.
- Meeting notes [Meeting notes](#)

RSAC (David Kinsey Rittwik Jana)

- No update this week
- Minutes: [RSAC Meetings](#)

AI/ML platform project (Joseph Thaliath)

- Minutes & Meeting: [Meeting notes](#)
- Calendar: <https://lists.o-ran-sc.org/g/main/calendar>
- No update this week

Scalability in NONRTRIC DMaaP Adapter (Deena Mukundan guru raja John Keeney)

- [John Keeney](#) Suggest using ranpm function in NONRTRIC rather than DMaaP Adapter for larger scale
 - <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtric-plt-ranpm/en/latest/>
 - [https://wiki.o-ran-sc.org/display/RICNR/Release+I#ReleaseI-RANPerformanceMonitoringFunctions\(File-basedPM\)\(ReleaseI\)](https://wiki.o-ran-sc.org/display/RICNR/Release+I#ReleaseI-RANPerformanceMonitoringFunctions(File-basedPM)(ReleaseI))
 - <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/plt/ranpm>
 - [https://wiki.o-ran-sc.org/pages/viewpage.action?pageId=57377869#id-20221019MeetingnotesJointOAM/NONRTRIC/SIMCommunitymeeting-Demo:PMDataManagement\(TowardsR1\)](https://wiki.o-ran-sc.org/pages/viewpage.action?pageId=57377869#id-20221019MeetingnotesJointOAM/NONRTRIC/SIMCommunitymeeting-Demo:PMDataManagement(TowardsR1))
 - <https://wiki.o-ran-sc.org/pages/viewpage.action?pageId=87818379#id-20230822MeetingnotesJointOAM/NONRTRIC/SIMCommunitymeeting-DemoNONRTRICRANPMFunction-Dockercompose&Scripts>
 - Proposal for streamed bulk pm - but not yet implemented

- [PM Streaming](#)
 - Relationship to older work in ONAP?
 - Work in ONAP is obsolete and unusable now.
 - Above OSC version is much more lightweight, but probably not as functional.
- Slides for discussion:



- DMaaP adapter is not very scalable - intended as a demonstrator of small scale VES or Kafka filtering & re publishing as an ICS job (REST of Kafka)
- DMaaP Adapter - and by default all ICS producers - are designed to not be aware of other producers or consumers
 - So load balancing is tricky
 - Easiest way is load balancing by splitting workloads across multiple jobs/producers rather than replicating producers in a single job etc...
- Will continue discussions off-line -e.g.
 - why are we using stateful sets instead of normal deployments? Combined with PVCs?
 - consumers stops re-trying if failure: probably need to improved this.
 - replication of ICS instances?
 - what is jobgroup?
 - Aggregated filters ... shown in image at <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-dmaapadapter/en/latest/overview.html#bulk-pm-subscription>
 - This just represents multiple independent filters from multiple producers all publishing into the same topic
 - etc.

ONAP Update ([N.K. Shankaranarayanan](#))

- No update this week

ONAP/OSC Usecases ([N.K. Shankaranarayanan](#))

- No update this week.

Disaggregated SMO Flows ([N.K. Shankaranarayanan](#))

- No update this week

Questions / Comments / AOB:

- None this week.

Meeting ends 57 min