

# 2023-10-10 Meeting notes - Joint OAM / NONRTRIC / SIM Community meeting

Time & Location:



## Meeting Detail: Times & Joining Info

**Tuesdays at 14:00 UTC** in Summer (DST), *15:00 UTC in Winter*

<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.
  - 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**
  - Winter (non-DST) time (Q4, Q1) eventually stabilizes to:  
*7am PST | 10am EST | 15:00 UTC | 16:00 GMT | 17:00 CET | 18:00 EET | 20:30 IST | 23:00 CST (Thurs) | 00:00 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

10 Oct 2023

## Attendees

- [John Keeney](#) (Ericsson EST & OSC NONRTRIC)
- [Alex Stancu](#) (Highstreet & OSC SIM)
- [N.K. Shankaranarayanan](#) (ONAP)
- [Ambrish Singh](#) (Ericsson EST)
- [Rohith Rajneesh](#) (Ericsson EST)
- [Sonia Sangari](#) (Ericsson EST)
- [Denis G Noonan](#) (Ericsson EST)
- *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 2023-10-10 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting)

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## Recording

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

## Notes:

### Housekeeping:

- [Martin Skorupski](#) & [Alex Stancu](#) not available 10 Oct (Vacation)
- [Martin Skorupski](#) not available 17 Oct (Vacation) - & during F2F - **Will cancel this occurrence**
  - **No Meeting Next Week**
- **Calendar:**
  - <https://lists.o-ran-sc.org/g/main/calendar>
  - <https://lists.onap.org/g/onap-meetings/calendar>
  - 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
- *OSC SMO project calls now move to its own time slot - alternate Thursdays - **TBC***
  - 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):
    - See minutes
  - This week's TOC (in 2 days):
    - Update on SMO-related topics this week

#### NONRTRIC ([John Keeney](#))

- Service Exposure Manager - New function pulling together previous work
- O-RAN Spec API compliance for R1-SME, R1-DME, R1-A1, A1
- Mostly same as last week:
  - Updating sonar scans and related updates to improve results: making good progress
  - Making good progress on rApp manager.

- Adding support for DME integration now. Will demo again in a few weeks.
- OpenAPI-first in A1-PMS & ICS
  - Change from codeopenapidocs to openapi code-stubs & docs
  - To better align with R1 specs as they mature
  - To improve expressiveness of docs etc.
  - Working now - tested functional equivalence achieved - merging this week. Then more work to follow.
- Some changes in A1-Mediator in near-RT-RIC plt in H-Release.
  - Meeting planned with Near-RT-RIC team tomorrow.
  - Further investigation needed re effects on A1-PMS/ICS & A1-SIM
  - Looks like OSC\_v2.1.0. A1-AP (P) profile will be deprecated
    - Will phase out support A1-SIM and A1-PMS in coming releases, when A1-Mediator moves to spec version of A1-AP
  - Need to verify current implementation are fully spec compliant
  - Working on Pairwise test - will be ready as A1-Mediator implementation continues (few weeks)
    - Received info on how to start A1-Mediator in standalone mode - easier to test.

## SIM (Alex Stancu)

- No update this week

## OAM (Martin Skorupski)

- [Martin Skorupski](#) on vacation
  - No update

## OSC Integration / INT (James Li)

- No other update

## 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

## PM Streaming (Martin Skorupski)

- No update this week
- [PM Streaming](#)(Martin Skorupski Alex Stancu John Keeney)
  - Some updates to the UML sequence diagram
    - Source: <https://gerrit.o-ran-sc.org/r/gitweb?p=oam.git;a=tree;f=spec/pm-streaming> & <https://gerrit.o-ran-sc.org/r/q/topic:OAM-349>
    - Still work in progress. Please edit and add a review.
    - Hoping to make progress in coming weeks.
  - [OAM-349](#) - Getting issue details... STATUS

## ONAP Update (N.K. Shankaranarayanan)

- No update this week

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

- Details of using CPS is still ongoing
  - Quite complex ...
    - How to interact/integrate SDNR & CPS, e.g. mounted netconf device models, CM notifications
    - VES vs Netconf id mapping is very tricky & must be maintained.
      - Decision: CM handle in CPS is same as Netconf server ID in RANSIM & same of NF ID & same as sourceID in VES message.
  - Also relevant for O-RAN SMO sequence flow work ([N.K. Shankaranarayanan](#))

## SMO Deployment

- Ref: RSAC meeting 20/Sep - Slides & video @ [RSAC Meetings](#)
- Still very unclear how it/dep deployment works & if it is maintained.
- Work from Taiwan Lab should / could be reusable hopefully.
- Meeting with ONAP OOM team last week to iron out technicalities of deploying ONAP functions
  - <https://lists.onap.org/g/onap-meetings/viewevent?repeatid=31908&eventid=2003085&calstart=2023-10-04>
    - Wednesday, October 4th, 2023
    - 2:00pm to 3:00pm (UTC) Coordinated Universal Time
    - <https://zoom.us/j/96113493781?pwd=cER3aHgvZ1MrNmtXZlV1K0hmQjhnQT09>
  - Detailed discussion on deployment etc, version without AAF, [Byung-Woo Jun](#) Andreas, Louis Lie, [N.K. Shankaranarayanan](#) & others
    - Discussions & Emails currently ongoing.
  - Use case? : None apparent yet - focus on deployability & DI/CD as a use case.
- There have been updates since OAM function version in it/dep / ONAP worked
  - e.g. VES collector needs to be built (3gpp)
  - e.g. OAM gateway (sdnc, keycloak, dmaap, ves collector are now behind gateway for ease of addressing)
- SIM / topology ... still pretty similar - but very use case specific
- NONRTRIC ... Charts in it-dep/nontric directory are up to date. Charts/configurations in it-dep/smo-intall are a little dated, but not too bad.
- Main question is where does platform stop & use case start .. A lot of the charts/deployment is use case specific.

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

- PM flows
  - PM Streaming above as an example of SMOS mapped into WG10 SMO sketches/proposals
- Short update from last week:
  - Discussion continue in WG1 re AI-ML inclusion in flows.
  - Include service Orchestration function?
  - Include Service Assurance?
- Will come back to TOC this week Oct 12
- Mapping work in O-RAN WG1 (Disaggregated SMO) to related opensource projects
  - Strawman for architecture - driven by some candidate usecase flows.
  - Aim for alignment across projects and across diff specs.
  - Aim for common vocabulary etc.
- [N.K. Shankaranarayanan](#) working on slides now. See draft slides from previous weeks:
  - [https://wiki.o-ran-sc.org/download/attachments/89784503/dec\\_smo\\_flows\\_v0\\_20230919-1.pptx?version=1&modificationDate=1695137906171&api=v2](https://wiki.o-ran-sc.org/download/attachments/89784503/dec_smo_flows_v0_20230919-1.pptx?version=1&modificationDate=1695137906171&api=v2)
  - [https://wiki.o-ran-sc.org/download/attachments/92405820/dec\\_smo\\_flows\\_v0p1\\_20230920.pptx?version=1&modificationDate=1695739774958&api=v2](https://wiki.o-ran-sc.org/download/attachments/92405820/dec_smo_flows_v0p1_20230920.pptx?version=1&modificationDate=1695739774958&api=v2)

## OAI / OSC / OSFG ([Irfan Ghauri](#))

- No update this week.
- Workshop <https://openairinterface.org/joint-osc-oai-workshop-end-to-end-open-source-reference-designs-for-o-ran/> Northeastern University on the 14-15 November 2023
- Still room in agenda for OSC topics 😊

## LFN DTF

- <https://events.linuxfoundation.org/lfm-developer-testing-forum/>
- 13-16 November, Budapest, Hungary
- [John Keeney](#) Possibility of demoing OSC RAN PM functions ... But might not be in scope for LFN. TBC

## Nephio R2 Developer Summit

- <https://wiki.nephio.org/display/HOME/R2+Developer+Summit+Agenda>
- 9-10 October
- Slides & recordings available.

## Questions / Comments / AOB:

- None this week.

Meeting ends 50min