

2023-08-15 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

15 Aug 2023

Attendees

- [John Keeney](#) (Ericsson EST & OSC NONRTRIC)
- [Martin Skorupski](#) (Highstreet & OSC OAM)
- [Alex Stancu](#) (Highstreet & OSC SIM)
- [James Li](#) (CMTI & OSC INT)
- [Ambrish Singh](#) (Ericsson EST)
- [Kevin Timoney](#) (Ericsson EST)
- [Aravindhan Ayyanathan](#) (Ericsson EST)
- [Rohith Rajneesh](#) (Ericsson EST)
- [emmanuel sarris](#) (Vodafone)
- 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 2023-08-15 Meeting notes \(ONAP/O-RAN-SC/SMO - Meeting\)](#)

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 - SIM (Alex Stancu)
 - OAM (Martin Skorupski)
 - O-DU Vidhu Shekhar Pandey)
 - OSC Integration / INT (James Li)
 - SMO (Seshu Kumar Mudiganti)
 - RSAC (David Kinsey Rittwik Jana)
 - AI/ML platform project (Joseph Thaliath)
 - SMO end-to-end & SMO in Opensource (N.K. Shankaranarayanan)
 - ONAP Update (N.K. Shankaranarayanan Seshu Kumar Mudiganti)
 - ONAP/OSC Usecases (N.K. Shankaranarayanan)
 - PM Data Streaming (Martin Skorupski & Ali)
 - Follow up from last week: CPS & SDNR (Martin Skorupski)
 - Questions / Comments / AOB:

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>
 - 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):
 - OSFG:
 - OAI & OSC collaboration
 - ONF & OSC collaboration
 - This week's TOC (in 2 days):

NONRTRIC (John Keeney)

- H Maintenance Release: 2 RAN-PM function re-released
 - New DockerCompose for RAN PM functions available. (Demo next week?)
 - Lots of updates to documentation etc.
 - Will demo RAN PM function soon. (Maybe part of it next week)
- Updating sonar scans and related updates to improve results
- Otherwise Work ongoing - as per last week:
 - Making good progress on rApp manager. (Hope to demo in a couple of weeks)
 - 3PP dependency updates & addressing vulnerability

- 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 expressivity of docs etc.
- Issue with test framework
 - Underscore in URI hostnames - introduced by docker-compose (v1)
- Some changes in A1-Mediator in near-RT-RIC plt in H-Release.
 - Further investigation needed re effects on A1-PMS/ICS & A1-SIM
 - Will return to this in a week or 2.

SIM (Alex Stancu)

- I-Release planning
- Focusing on PM Streaming - likely to be the main feature for I-Release

OAM (Martin Skorupski)

- Request (from RSAC) to make proposal for RAN PM streaming
 - [PM Streaming](#)
 - Hope to discuss more below.

O-DU Vidhu Shekhar Pandey)

- No update this week

OSC Integration / INT (James Li)

- Assembling plans for Pairwise-tests between projects (I-Release)
- Experimenting with OAI and E, and limited A1.
 - Hope to see how to get it working with OSC near-RT-RIC etc.

SMO (Seshu Kumar Mudiganti)

- Meeting notes [Meeting notes](#)
- No Update this week

RSAC (David Kinsey Rittwik Jana)

- No update this week
- Minutes: [RSAC Meetings](#)
- Good discussion about I-Release plans, & how to report progress according to new streams/usecases.
 - More to follow in coming RSAC & TOC calls.
 - Some concern about scope ambition vs resourcing ...
 - Maybe discuss at SMO call tomorrow?

AI/ML platform project (Joseph Thaliath)

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

SMO end-to-end & SMO in Opensource (N.K. Shankaranarayanan)

- Talk at OpenRAN Summit [N.K. Shankaranarayanan](#)
 - "SMO Architecture and Open Source Implementation"
 - <https://engagestandards.ieee.org/ORan-Summit-2023.html>
 - No Update this week

ONAP Update (N.K. Shankaranarayanan Seshu Kumar Mudiganti)

- No update this week

ONAP/OSC Usecases (N.K. Shankaranarayanan)

- No update this week

PM Data Streaming (Martin Skorupski & All)

- [PM Streaming](#)
- O1 spec seems to indicate 3GPP approach => websocket & (ASN1 or Protobuf)
 - .. but not much detail on either ASN1 or protobuf schema

- Should be possible to use protobuf based on 3GPP XML XSD
 - ... looks possible (easy?) to map xmlprotobuf based on XSD
 - Hopefully next week show a sample protobuf schema based on XSD.
 - ASN1 version seems tricky & maybe incomplete? ... So prefer Protobuf version.
- Sample flow at <https://wiki.o-ran-sc.org/download/attachments/82706888/o-ran-sc-i-pm-streaming-sequence.png?version=5&modificationDate=1692085150222&api=v2> from [PM Streaming](#) page.
 - Discussed a few simplifications, e.g. maybe REST for rAppOAM for job setup, decouple DME-subscription & O1-PMJobCoordination initially, reuse existing file-based RAN PM functions for data subscriptions to rApp, etc.
- More next week.

Follow up from last week: CPS & SDNR ([Martin Skorupski](#))

- CPS & SDNR: ([Vishal Varvate](#), [Martin Skorupski](#)) in ONAP SON Usecase
 - See [SDN-R interfacing with Configuration & Persistency Service](#)
 - Will further update & maybe move to CPS
 - Shows how to get models directly from SDNR

Questions / Comments / AOB:

- None this week

Meeting ends 40min