

2022-11-30 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

30 Nov 2022

Attendees

- [John Keeney](#) (Ericsson EST & OSC NONRTRIC)
- [Martin Skorupski](#) (Highstreet & OSC OAM)
- [Alex Stancu](#) (Highstreet & OSC SIM)
- [SANDEEP JAISAWAL](#) (Samsung & OSC AIMLFW)
- [N.K. Shankaranarayanan](#) (ONAP)
- [Halil Cakal](#) (Ericsson EST)
- [Aravindhan Ayyanathan](#) (Ericsson EST)
- [Kevin Timoney](#) (Ericsson EST)
- [Sonia Sangari](#) (Ericsson EST)
- [Timo Perala](#) (Nokia & ONAP)
- [Bob Heinemann](#) (MITRE)
- [Carsten Hösele](#) (TU-Dortmund)
- 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 2022-11-30 Meeting notes \(ONAP/O-RAN-SC/SMO - Meeting\)](#)

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Recording

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

Notes:

Housekeeping:

- [Martin Skorupski](#) will atten "Open Ran North America" event next week - but will dial in
 - <https://tmt.knect365.com/open-ran-north-america/>
- **Watch the 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**
- *OSC SMO calls now move to its own time slot - 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 [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 meeting last week
 - This week's TOC (Tomorrow):
 - Standard agenda as yet.

NONRTRIC ([John Keeney](#))

- Wrapping up ONAP Kohn tasks for A1-Policy Management Service
 - e.g. Docs
- Service Exposure:
 - Continuing work on this topic
 - Still need to push up some of the artifacts from the demo a few weeks ago
 - Working on a CAPIF core implementation - backend for service registry & discovery etc.
 - Will continue across next release
- Data Exposure
 - Still working on PM collection, filtering & distribution
 - Trying to find a solution for Data exposure enforcement similar to SEF enforcement
 - ,, but need some additional work, e.g. to restrict/allow access in kafka (Non-REST interfaces)
- Working on rApp manager - lots to do there!
 - Plan to experiment with rApp packaging, onboarding, LCM
 - Reusing alot from ONAP ACM work
 - Extending rApp catalogue (Stub version in earlier releases)

- Working on some options for rApp Package
- Making updates on it/dep charts for SMO/NonRTRIC/rApp-tests
 - Hope to demo next week! [Aravindhan Ayyanathan](#) 😊
- Preparing G Release
- Trying to consolidate a list of topics for H Release

SIM (Alex Stancu)

- Preparing G release

OAM (Martin Skorupski)

- Trying to figure out what a combined O1/OFHMP NF would look like - esp different ways of using VES, some use netconf-notif vs ves, different Yang models etc.
- Updated file-ready notification from simulator & handling in OAM.
- H Release
 - NODE-RED might be nicer than Camunda for showing what happens with VES-stdDefined
 - Switch to 3GPP rel 18 (currently rel 16)
 - Updates to O1 specs
 - Switch to Kafka native vs. DMAaP
- File-Ready notification
 - e.g. <https://gerrit.o-ran-sc.org/r/c/oam/+9827>
 - Some sample PM files: https://gerrit.o-ran-sc.org/r/gitweb?p=sim/o1-interface.git;a=tree;f=ntsimulator/deploy/base/pm_files

O-DU (Hariom Gupta Vidhu Shekhar Pandey)

- No Update

OSC Integration / INT (James Li)

- No update this week

RSAC/SMO (David Kinsey)

- Ref: [RSAC Meetings](#)
- Discussed some RSAC OSC Release H topics plans
 - SMO (esp Tacker)
 - INF
 - AI/ML
- Lab Planning

AI/ML platform project (SANDEEP JAISAWAL)

- Minutes & Meeting: [Meeting notes](#)
- Calendar: <https://lists.o-ran-sc.org/g/main/calendar>
- CI: Build, test, sonar report & docker images etc - all working fine 🍏
- See below

OSC AI/ML Discussion - Release H & Overlap (SANDEEP JAISAWAL)

- Integration in SMO, Non-RT-RCI, near-RT-RIC
 - Ref slides at https://wiki.o-ran-sc.org/download/attachments/57377183/AIMLFW_workflow_v2.pptx?version=1&modificationDate=1668692819512&api=v2



- Data Access - Training & Inference [SANDEEP JAISAWAL John Keeney](#)
 - Can probably use NONRTRIC ICS (as a DME)
 - ... but needs updates, will examine if bulk/datalake could be accessed?
 - What about data from near-RT-RICs to SMO/Training platform?
 - Currently O1 (PM or Trace) is the only way .. BUT discussions about a new Y1 interface might make analytics data from near-RT-RICs (or other RAN functions)
 - But in the meantime, lets just assume the data can get there.
 - Assist rApp: What about rApp-rApp communications - Data must use R1-DME, Services must use R1-SME (with all necessary registration, & have an R1 types defined)
 - An rApp can have multiple uServices - but intra-rApp interaction does not need to use R1

- LCM or ML-based rApps (or the ML-based uService inside an rApp)
 - Currently, ML model is wrapped in an image including the inference platform, then deployed using KServe (no Helm chart)
 - ... Not sure yet how to do this with ONAP ACM manager ... Maybe a new participant?)
- Relationship AIHP in Non-RT-RIC might use NFO? Unclear still
- [Martin Skorupski](#) Upgrade parts of an rApp?
 - [John Keeney](#) ... maybe ... but easier to just stop, upgrade, restart

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

- No update this week

ONAP Kohn Release ([Timo Perala](#))

- No update this week

Question:

- None this week

Meeting ends