

2023-05-03 Meeting notes - Joint OAM / NONRTRIC / SIM Community meeting

Time & Location:



Meeting Detail: Times & Joining Info

Wednesdays at 16:00 UTC in Summer, 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

03 May 2023

Attendees

- [John Keeney](#) (Ericsson EST & OSC NONRTRIC)
- [Martin Skorupski](#) (Highstreet & OSC OAM)
- [Alex Stancu](#) (Highstreet & OSC SIM)
- [James Li](#) (CMTI & OSC INT)
- [Seshu Kumar Mudiganti](#) (Wind River & OSC SMO)
- [N.K. Shankaranarayanan](#) (ONAP)
- [Aravindhan Ayyanathan](#) (Ericsson EST)
- [Kevin Timoney](#) (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 2023-05-03 Meeting notes \(ONAP/O-RAN-SC/SMO - Meeting\)](#)

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 - OSC Integration / INT (James Li)
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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>
 - 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)
- *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](#)
- [John Keeney](#) Away next week

Should we change the time for this call?

- Best suggestion is Tuesdays at 14:00 UTC.
 - If no objections in coming week we will propose to change.
 - [What time where you are?](#)
 - Tuesdays: 7am PDT | 10am EDT | **14:00 UTC** | 15:00 BST | 16:00 CEST | 17:00 EEST | 19:30 IST | 22:00 CST | 23:00 JST

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 major update. See minutes.
 - This week's TOC (Tomorrow):
 - New meeting format with updates from relevant PTL etc
 - RSAC, Integration I (cross-project testing related), Infrastructure
 - Next week : RIC, RICAPP, AIMLFW
 - Week +2: NONRTRIC, SMO, OAM, SIM
 - Week +3: Integration II (lab related), O-DU-HIGH, O-DU-LOW

NONRTRIC ([John Keeney](#))

- Made progress on how to have multiple project in single repo.
 - Change conf.py & .readthedoc.yaml: <https://gerrit.o-ran-sc.org/r/c/nonrtric/plr/ranpm/+10991>

- Documenting & improving how to deploy RANPM functions. Will demo again in coming weeks [Björn Magnusson](#)
 - [Joseph Thaliath](#) in AIMLFW had some issues & questions. Working on those.
- Will push on with work on rApp manager - especially rApp onboarding, preparing for SME, DME etc
 - Lots of bits there already ... this will tie them together in a coordinated way when deploying rApps
 - Much of the rAPP LCM will be handled by ONAP ACM functions
 - Main issue is we still have no clear definition of rApp package.
 - We will likely be out of alignment with O_RAN specs when they arrive / mature. We will evolve our work then.
- Will demo Service Registry & Service Discovery - based on CAPIF
 - Working now. [Yennifer Chacon](#)
- Will demo ONAP SO CNFM function for ASD-packaged CNFs deployment - working in standalone mode.
 - We've removed dependency on SDC and A&AI - replaced with initial stub functions.
 - So CNFM in standalone mode gives ASD deployment support - either on its own or as part of a larger ONAP SO/SDC/A&AI install.
 - Propose to demo at joint SMO/SO call, maybe 2 weeks? Or RSAC call in 2 weeks. [Aravindh Ayyanathan](#)
- Otherwise continuing as per last week :
 - Consolidating PM data exposure in new repo for RAN PM functions
 - <https://gerrit.o-ran-sc.org/r/gitweb?p=nontritic%2Fplt%2Franpm.git;a=summary>
 - (R1) Service Exposure & Management
 - CAPIF Aligned Service Registry
 - Secured/Sandbox execution environment
 - Controlled access & exposure of service to/from rApps
 - (R1) Data Management & Exposure
 - File-based PM data InfluxDB
 - 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
 - Inference Services in rApps
 - Added a 'KServe Participant'
 - 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)

- Finished development for O-RU Netconf monitoring / supervision
 - New Docker Image available (1.6.3 ?)
 - Ref <https://gerrit.o-ran-sc.org/r/gitweb?p=sim/o1-interface.git;a=commit;h=cc4e489a7955506d31fb3f87900a8d1c239bd586>
- PM File generation
 - [John Keeney Alex Stancu](#)
 - Ready to start working on PM file generation & serving
 - Just send VES File Ready, DFC will collect it.
 - [John Keeney Björn Magnusson](#) will find link to file generator - could be added to the NTS part of simulator?
 - Initially random data.
 - Ref: <https://gerrit.o-ran-sc.org/r/gitweb?p=nontritic/plt/ranpm.git;a=blob;f=install/scripts/kafka-client-send-genfiles-file-ready.sh>
 - Ref: <https://gerrit.o-ran-sc.org/r/gitweb?p=nontritic/plt/ranpm.git;a=tree;f=https-server>
 - File Generator: <https://gerrit.o-ran-sc.org/r/gitweb?p=nontritic/plt/ranpm.git;a=blob;f=https-server/main.go>
 - Simulator instance for each node, each already has an FTP server. 1 File per node per ROP. Suggest no security initially.

OAM (Martin Skorupski)

- Looking at OFH certification specifications

O-DU Vidhu Shekhar Pandey)

- No update
- Now will use new VES std-defined schema as discussed last week

OSC Integration / INT (James Li)

- Going through existing robot tests for near-rt-ric / xapps in it/test repo
 - Some incompatibilities in terms of how the platform is set up ... will work with near-rt-ric & xapp teams.

SMO (Seshu Kumar Mudiganti)

- Meeting notes for last week: [2023-04-26 Meeting notes](#)
- Next week: [2023-05-10 Meeting notes](#)
- Working on logistics for SMO PTL tasks.
- plan to merge ONAP SO & OSC SMO project meetings
 - Possibility of changing the meeting time?
- Working on K8s Operator - especially how to separate business logic & deployment technology.
 - K8S Operator is now just a way to deploy, and can be deployed in other ways too.
 - Will soon demo updated version
- Demo for K8s operator: (Will add link to the demo)
- [Seshu Kumar Mudiganti](#) requires access to groups.io calendar & info.yaml
 - May need help from [Jinri Huang](#) or TOC mailing list
- SMO disaggregation will be discussed at next SMO call.
- Working on proposal of Nephio related SO work in Nephio blog
 - Will present same demo in Nephio too. (WIP)

RSAC (David Kinsey)

- Minutes: [RSAC Meetings](#) (03/5)
 - Prep for TOC status update

AI/ML platform project (Joseph Thaliath)

- Minutes & Meeting: [Meeting notes](#)
- Calendar: <https://lists.o-ran-sc.org/g/main/calendar>
- Showed videos of interacting with DME & feature creation.
- Small issue with DME deployment - fix ongoing with [Björn Magnusson](#).

ONAP Use cases (N.K. Shankaranarayanan)

- SON use: Issue: Then function deployment is by OOM it assume strimzi kafka, while dev teams assume plain kafka.
 - Plain kafka & Strimzi kafka are not directly compatible ...
 - Possible work around by reinstall strimzi?

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

- No Update

Questions / Comments / AOB:

- No time this week

Meeting ends 60min