

2023-04-05 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>

Important Note about Daylight Savings Time



Important: Daylight Savings Time

- **We are now back to a stable timeslot for approx 6 months.**
 - 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)

Please checkout the calendars:

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- <https://lists.o-ran-sc.org/g/main/calendar>

Anti-Trust Notice

- [Antitrust Policy Notice](#)
- [Antitrust Policy](#)

Date

05 Apr 2023

Attendees

- [John Keeney](#) (Ericsson EST & OSC NONRTRIC)

- [Martin Skorupski](#) (Highstreet & OSC OAM)
- [Alex Stancu](#) (Highstreet & OSC SIM)
- [Vidhu Shekhar Pandey](#) (HCL & OSC O-DU)
- [James Li](#) (CMTI & OSC INT)
- [Joseph Thaliath](#) (Samsung & OSC AIMLFW)
- [N.K. Shankaranarayanan](#) (ONAP)
- [Kevin Timoney](#) (Ericsson EST)
- [Sonia Sangari](#) (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 2023-04-05 Meeting notes \(ONAP/O-RAN-SC/SMO - Meeting\)](#)

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Recording

- [Recording \(MP4 - 10 res\)](#)

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*
 - *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):
 - Nominations for OSC SMO PTL position open.
 - [Seshu Kumar Mudiganti](#) gave a brief presentation on his candidature
 - This week's TOC (Tomorrow):
 - Nominations for OSC SMO PTL position open.

- [Yogendra Pal](#) to give a brief presentation about his candidature
- PTL vote by email next week.

NONRTRIC ([John Keeney](#))

- Trying to assemble options for demos.
- Continuing as per last week : No specific update
 - A lot of work in JDK 17 & Springboot 3 updates
 - Consolidating PM data exposure in new repo for RAN PM functions
 - <https://gerrit.o-ran-sc.org/r/gitweb?p=nonrtrc%2Fplt%2Ffranpm.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](#))

- ODU SIM now uses 3Gpp rel 18 yang models
- PM File generation
 - [John Keeney](#) [Alex Stancu](#) No update

OAM ([Martin Skorupski](#))

- Working on Std-Defined VES Message examples for CM, FM, PM (17 different samples)
 - VES collector code updated to pull & inject YAML models automatically
 - Previously netconf only - now also supports http/ves notifications
 - Dockerfile with scripts
- Investigating WG4 OFHM v11 now has VES std defined models Netconf notification
 - 27 notifications defined.
 - Working to see how to integrate them

O-DU [Vidhu Shekhar Pandey](#))

- Not many recent contribution for O-DU O1
 - Some updates needed?
 - Need to check std-defined PM VES messages are still OK (Based on OSC schema, no 3GPP model for VES-based PM available?)
 - PM over VES still not supported by 3GPP - only use websocket streaming instead

OSC Integration / INT ([James Li](#))

- Still working on CI/CT/CD toolset for OSC labs
- Big contribution on Robot tests / XTesting for O2IMS
 - <https://gerrit.o-ran-sc.org/r/c/it/test/+10760>

RSAC/SMO ([David Kinsey](#))

- Minutes: [RSAC Meetings](#) (5/4)

- Commercial demo from Amdocs & Quali
- Good example of the kind of functionality/tooling that would be nice for OSC CI/CT pipeline
- SMO ([Mahesh Jethanandani](#))
 - See OSC Meetings calendar: <https://lists.o-ran-sc.org/g/main/calendar>
 - See [OSC SMO Project meeting notes](#)
 - PTL election continues
 - Nominations so far: [Yogendra Pal Seshu Kumar Mudiganti](#)
 - Voting starts next week - email
 - No Update

AI/ML platform project ([Joseph Thaliath](#))

- Minutes & Meeting: [Meeting notes](#)
- Calendar: <https://lists.o-ran-sc.org/g/main/calendar>
- Plan to automatically create DME jobs - currently manual
- Adding support for DELETE training jobs.
- Call for suggestions for topics for next release

Discussion on how to set up Bulk-PM subscriptions on the RAN functions rApps/DME

- Overlap with AI/ML data access & NONRT-RIC DME & OAM observability
- Many RAN functions have restrictions on the number (1?) of PM Jobs/subscriptions (created over CM) on the node.
 - Need to combine subscriptions in overlapping 'jobs' on the nodes.
- Ref old work in in ONAP about PM job management
 - <https://wiki.onap.org/display/DW/5G+Bulk+PM+Integration+Usecase>
- Currently no relation between DME subscription set up & PM job management in NF. Assume PM delivery already initiated.
 - In O-RAN Alliance it is currently unclear if Non-RT-RIC DME, or OAM PM functions, or rApp via OAM CM functions, or some other functions will be responsible for mapping DME requests to PM jobs.
 - Lots off potential for implementation-specific optimizations.

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

- ONAP SON uses case ... & others
 - Had a demo on CPS APIs
 - [2023-04-04 Meeting notes - Developer Wiki - Confluence \(onap.org\)](#)
 - https://wiki.onap.org/download/attachments/162106197/20230404_son_call_cps_api_demo.mp4?version=1&modificationDate=1680624282435&api=v2
 - Still have work to do to actually use the CPS APIs .. but looks good.

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

- [N.K. Shankaranarayanan](#) Interesting ML/AI overlap in Network Slicing / IBN team: <https://jira.onap.org/browse/DCAEGEN2-3067>
- [N.K. Shankaranarayanan](#) Note: ONAP Montreal release planning has started. Aiming for end '23 <https://wiki.onap.org/display/DW/Release+Planning%3A+Montreal>

Questions / Comments / AOB:

- None

Meeting ends 53min