

# 2023-01-25 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 Winter/Summer DST changeover follow US time. Summer/Winter 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

25 Jan 2023

## Attendees

- [John Keeney](#) (Ericsson EST & OSC NONRTRIC)
- [Martin Skorupski](#) (Highstreet & OSC OAM)
- [Alex Stancu](#) (Highstreet & OSC SIM)
- [James Li](#) (CMTI & OSC INT)
- [N.K. Shankaranarayanan](#) (ONAP TSC)
- [Halil Cakal](#) (Ericsson EST)
- [Aravindhan Ayyanathan](#) (Ericsson EST)
- [Kevin Timoney](#) (Ericsson EST)
- [Sonia Sangari](#) (Ericsson EST)
- [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 2023-01-25 Meeting notes \(ONAP/O-RAN-SC/SMO - Meeting\)](#)

## Contents

- Anti-Trust Notice
- Date
- Attendees
- See also / co-located (ONAP/O-RAN-SC/SMO - Meeting)
- Contents
- Recording
- Notes:
  - Housekeeping:
  - OSC Project roundup:
    - News from OSC TOC call last week
    - NONRTRIC (John Keeney)
    - SIM (Alex Stancu)
    - OAM (Martin Skorupski)
    - O-DU (Hariom Gupta Vidhu Shekhar Pandey)
    - OSC Integration / INT (James Li )
    - RSAC/SMO (David Kinsey)
    - AI/ML platform project ()
  - ONAP / OSC / O-RAN Alliance: Cooperation & Alignment
  - ONAP Use cases (N.K. Shankaranarayanan)
  - Questions / Comments / AOB:

## Recording

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

## Notes:

### Housekeeping:

- Happy Chinese New year!
- **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 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):
    - Insights Dashboard - LF Analytics:
      - <https://openprofile.dev>
        - Check your Email addresses are linked to the account
        - "Add Affiliation" for each project
          - Affiliation panel may be hidden behind a blue LinkedIn panel - Dismiss it.
          - If you work on more than one project, then affiliation must be added for each project.
  - This week's TOC (Tomorrow):
    - No update.

### NONRTRIC (John Keeney)

- As per last week. Development for each of the topics below continue ...
  - Release H Planning continues:
    - (R1) Service Exposure & Management
      - CAPIF Aligned Service Registry
      - Secured/Sandbox execution environment
      - Controlled access & exposure of service to/from rApps
    - (R1) Data Management & Exposure
      - 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
    - 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  $\mu$ Service)
  - Overlap with Service Exposure work to examine role of an rApp Manager to support controlled exposure & LCM of  $\mu$ Service and non- $\mu$ 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)

- Looking at how to collaborate with OAI
  - Ref RSAC below.

### OAM (Martin Skorupski)

- Looking at OAM Specs from O-RAN Alliance & 3GPP REL 18
- Working on updating stdnDefined VES messages with 3GPP REL-18

### O-DU (Hariom Gupta Vidhu Shekhar Pandey)

- No Update

### OSC Integration / INT (James Li )

- X-Testing with other OSC projects
  - e.g. Windriver would like to contribute for O2-IMS
- Request from last week's TOC to define an OSC SMO 'package'
  - e.g should include cloud orchestration & DMS etc.
    - (Aside Discussion ... will be interesting to see relation with Nephio ... )

### RSAC/SMO (David Kinsey)

- Ref: [RSAC Meetings](#)
- Discussion about collaboration between OAI & OSC
  - Focus on Integration Collaboration
    - ORAN-SC DU inter-working with OAI CU?
- Some mention of the need to make progress creating consolidated SMO - based on SMO Disaggregation work
  - [N.K. Shankaranarayanan](#) ... Discussion about just how "pre-spec" we in opensource can/should be ....
- Maybe at RSAC in 2 weeks we could have some discussion about ONAP REQ subcom & O-RAN related usecases/requirements in ONAP etc?
  - [Timo Perala](#) (& [N.K. Shankaranarayanan](#))

### AI/ML platform project ()

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

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

- [N.K. Shankaranarayanan](#): Follow on from previous weeks: Lots of discussion at ONAP TSC
  - No convergence yet, but lots of interest. Ref TSC Minutes: <https://wiki.onap.org/display/Meetings/2023+TSC+MEETING+MINUTES>
    - Will aim for cross-discussions at RSAC / ONAP-ReqSubCom level.

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

- Long discussion this week!

- (Recording 00:44:30)  
Work progressing on CM VES Messages ONAP CPS DB.
  - <https://wiki.onap.org/display/DW/Configuration+Persistence+Service+Developer%27s+Landing+Page>
  - <https://wiki.onap.org/display/DW/CPS-1434%3A+VES+Message+to+update+CPS+DB>
  - <https://jira.onap.org/browse/INT-2180> && <https://jira.onap.org/browse/INT-2181>
    - (Somewhat related ... For PM ... a XPath link back to the where reporting entities are defined in Yang Model: [Network Slicing Use Case#PMJobcreation](#))
  - O1 CM Notification will (should?) use 3GPP spec for CM notification
  - How to find which Object is changed?
    - 3GPP TS 28.532 specifies that CM Notifications (e.g. notifyMOIChange) contains fields objectClass and objectInstance
      - [https://www.3gpp.org/ftp/Specs/archive/28\\_series/28.532/28532-h30.zip](https://www.3gpp.org/ftp/Specs/archive/28_series/28.532/28532-h30.zip) (very recent version of v17 spec)
        - Contains word doc spec
        - Contains provMnS.yaml
    - Cannot find objectClass and objectInstance in the openAPI spec for notifyMOIChanges in "provMnS.yaml"
      - It is in 28.532 sect 11.1.1.11 of Spec document, but not in provMnS.yaml (links to ComDefs.yaml)
        - [https://www.etsi.org/deliver/etsi\\_ts/128600\\_128699/128623/17.02.02\\_60/](https://www.etsi.org/deliver/etsi_ts/128600_128699/128623/17.02.02_60/) (very recent version of v17 spec)
          - TS28623\_ComDefs.yaml#/components/schemas/NotificationHeader does not have objectClass and objectInstance
          - But it does have an 'extra' field called href (a URI) ???
            - Perhaps this should contain the objectClass and objectInstance ... Can these be extracted?
    - Continued Discussion
      - We spent some time walking through 3GPP specs to verify this for a few different versions. .... Same result

## Questions / Comments / AOB:

- Went over time this week - No update.

Meeting ends