# 2021-10-13 Meeting notes - Joint OAM / NONRTRIC / SIM SCRUM 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

## Date

13 Oct 2021

## Attendees

- John Keeney
- Martin Skorupski
- Alex Stancu
- Andy Leidy
- Arnold Alvarado (NIWC Pacific)
- Chris Dent
- David McBride
- Douglass Evans (USN)
- Fernando (Fred) Oliveira (Verizon)
- Furkan Yuksel
- Hariom Gupta
- Kamel Idir
- Kevin Tang
- Louis Raspberry
- Marcin Krasowski
- Mehran Azari
- Marcin Wilk (Samsung)
- Martial Ngueko (AT&T)
- Michal Cmarada
- N.K. Shankaranarayanan
- Neil Hoff
- Pawel Slowikowski
- Ryan McAllister
- Sebastien Determe (AT&T)
- Sonia Sangari
- Timo Perala
- *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 2021-10-13 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting)

# Contents

# Recording

- Recording (MP4 - low res)

# Notes:

## Housekeeping:

### OSC SMO Meeting Series: Reminder from previous weeks:

- *OSC SMO calls now move to its own time slot - Thursdays*
- *See OSC RSAC Calendar: https://wiki.o-ran-sc.org/display/RSAC/calendars*
- *(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*

## NOTE: DST Changeover in coming weeks!

- Keep a close eye on the calendars!

## OSC Project roundup:

### News from OSC TOC call this week

- https://wiki.o-ran-sc.org/display/TOC
- We all remain totally confused about copyright..... will update when we know more
- Integration project PTL election ongoing 🙂

### NONRTRIC (John Keeney)

- Work examining ONAP Control Loops as a basis for rApps in OSC ... looking promising
  - Still have alot of work to do, e.g. packaging & distribution, but working away
- ONAP A1 Policy Management: Istanbul JIRA tickets to be closed before release date!
- Short introductory-level presentation at ONES 2021

### SIM (Alex Stancu)

- Addressing in SMO deployment (see below) (Use hostname, not ip:port)

### OAM (Martin Skorupski)

- Working on a basis for an O-RAN topology model
  - Could be reused in O-RU use case.
  - N.K. Shankaranarayanan Does O-RAN Topology include O-RU?

- ○ Ref discussions on ONAP Topology modelling, including Andy Mayer
- ○ N.K. Shankaranarayanan Ref discussions in O-RAN WG1 (Cagatay - AT&T)
- ○ Not including Core Network.
- ○ Issues:
  - No agreed model, and even if there was it would not suit most peoples' requirements - everyone wants different topology models for their requirments.
  - Very hard to keep any complete topology model populated & synchronized
  - Too many layers to have a complete model ... and layering is not necessary accurate.
  - Must be model-driven.
    - A model that cannot be populated is useless!

## O-DU (HariomGupta(HCL))

- Hariom GuptaStill figuring out if 3GPP Yang model can be used.
- JIRAs created for cells & VES measurement events

## OPS-5G (David McBride, Doug Evans)

- See discussions 2 weeks ago
- Introductions:
  - ○ Andy Leidy, Arnold Alvarado, Douglass Evans (USN), Louis Raspberry, Neil Hoff, Ryan McAllister
- Note session at ONES summit
  - ○ Martial: Will the recordings/slides be available? (Think recordings appear on youtube in a few weeks)
  - ○ Doug: Spotted interesting presentation re Acumos alignment (ONAP & OSC)
    - Ref work in DCAE-MOD for reusing Acumos models & work in Acumos to package models as xApps.

## ONAP SMO deployment options

- Sebastien: Working on
  - ○ Pull Request on OSC it/dep repo for existing SMO Deployment package
  - ○ Readme
  - ○ Scripts
  - ○ Testing
  - ○ Trying to reduce footprint
  - ○ Testing O-RU/O-DU/Topology-Server deployment
  - ○ VES Collector configuration with SDNC
- Pull request coming soon (this week?) for wider review & comments.
- John Keeney & Xue Gao working together on A1 deployment ... perhaps use existing test suite to avoid having to do new tests?
- John Keeney We are working on modularizing NONRTRIC helm charts, which may affect work here ... ...
  - ○ Will also look carefully at the current versions in SMO deployment ... Lots of progress already made!
    - Plan to evolve when modular helm charts are available

## Q&A

- **Copyright & Licensing**
  - ○ SCCL: Any open source project can reuse SCCL artifacts - if they abide by by process for that license
    - Note SCCL is not an opensource license!
    - ONAP may want examine/reuse? the work in OSC for supporting SCCL?
  - ○ Long discussion about 3GPP licensing:
    - Open/Public != OpenSource != Free
    - Try to keep functions model-driven as a much as possible so loosely coupled from copyrighted specs/model, so specs are not reproduced/re-distributed.
      - But this is not possible for the actual function encoding the model (e.g. a netconf server & Yang model) or function simulators/emulators, or POCs
    - We see no clear path forward for this very long running issue.
      - We need to be conservative until we have clear guidance / path forward.
      - Unwilling to risk copyright or IPR infringement
      - Likely a common-sense reuse approach is possible - with no commercial aspect involved - but we cannot assume this.