

2021-10-20 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

2021-10-27:

- **16:00 UTC**, 09:00 PDT, 12:00 EDT, 17:00 BST, 18:00 CEST, 19:00 EEST, 21:30 IST, 00:00 CST (Thurs), 01:00 JST (Thurs)

2021-11-03:

- **16:00 UTC**, 09:00 PDT, 12:00 EDT, **16:00 GMT, 17:00 CET, 18:00 EET**, 21:30 IST, 00:00 CST (Thurs), 01:00 JST (Thurs)
 - **Note:** 1 hour earlier in Europe - Just this week

2021-11-10:

- **17:00 UTC**, 09:00 PST, 12:00 EST, 17:00 GMT, **18:00 CET, 19:00 EET, 22:30 IST, 01:00 CST (Thurs), 02:00 JST (Thurs)**
 - **Note:** 1 hour later in Asia, revert to normal time in Europe.

2021-11-17:

- **17:00 UTC**, 09:00 PST, 12:00 EST, 17:00 GMT, 18:00 CET, 19:00 EET, 22:30 IST, 01:00 CST (Thurs), 02:00 JST (Thurs)
 - **Note:** Continues like this until mid March 2022.

Please checkout the calendars:

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

Date

20 Oct 2021

Attendees

- [John Keeney](#)
- [Martin Skorupski](#)
- [Alex Stancu](#)
- Arnold Alvarado (NIWC)
- [Chris Dent](#)
- Christophe Closset (AT&T)
- [David Johnson](#)

- [Dibas Das](#)
- Dilip Krishnaswamy (STL)
- Doug Evans (USN)
- [Hariom Gupta](#)
- Jakub Dominik
- [Kevin Tang](#)
- Martial Ngueko (AT&T)
- [Michal Cmarada](#)
- N.K. Shankaranarayanan
- Ryan McAllister
- Sebastien Determe (AT&T)
- [Sonia Sangari](#)
- [Tracy Van Brakle](#)
- [Vidhu Shekhar Pandey](#)
- [Vishal Varvate](#)
- *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 [2021-10-20 Meeting notes \(ONAP/O-RAN-SC/SMO - Meeting\)](#)

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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!

- See above & 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 somewhat confused about copyright..... will update when we know more
- Integration project PTL election completed: James from CMCC elected! 😊

NONRTRIC (John Keeney)

- Working mainly on Helm chart updates ... see also below

SIM (Alex Stancu)

- Topology service available!
 - TAPI topology simulator. (See below)
 - Image: nexus3.o-ran-sc.org:10004/o-ran-sc/smo-nts-ng-topology-server:1.3.6

OAM (Martin Skorupski)

- Working on helm charts.
- Struggling with licensing issues. (See below)

O-DU (Hariom Gupta)

- [Hariom Gupta](#) Still figuring out if 3GPP Yang model can be used / implemented.

Topology Models:

- No model suits everyone
- TAPI model is quite abstract / domain independent - basically functions & endpoints (edge-point, interface, logical termination point, connection points etc)
 - Simulator/Useases considers CUs, DUs, RUs, & their location
 - Topology model loaded/configured at start time (JSON/XML). Made available using TAPI Netconf model. (Netconf server)
- @All - Discussion:
 - Cell/Neighbour-Relation? Not explicitly modeled ... but would it be a function, connection, logical grouping, parameter?
 - All valid for different usecases! Everyone has their own topology model for their own use case!
 - TAPI is very abstract, so a good starting point for more specific topology models.
 - Discussion continue in ONAP modelling work.
- Is ANR (Automated Neighbor Relations) supported in O-RAN?
 - Not O-RAN specific ... feature/usecase that can be implemented in various ways in 4g, 5g, etc ... Centralized, Distributed, Hybrid, in xApp, etc....

ONAP SMO deployment options

- Sebastien: Pull Request on OSC it/dep repo for existing SMO Deployment package - will overwrite existing version
 - <https://gerrit.o-ran-sc.org/r/c/it/dep/+6860>
 - It very big though so will take some time.
 - [John Keeney](#) & Sebastien should talk offline about changes from original, and proposed changes to NONRTRIC helm charts (also in progress)
 - Should also now include new INT PTL 😊
- [David Johnson](#) Mini deployment in POWDER lab seems to be working well! Will also look at SMO Deployment here & feedback.
- Sebastien: Also working on OOM changed (DCAE/VES Collector config for SDNC)
 - <https://gerrit.onap.org/r/c/oom/+125150>
- Sebastien: Also has an issue with O-RU-use case App ... issue with HTTPS Python issue?

Copyright & Licensing

- SCCL:
 - Recent "Special TOC Call" about licensing, but was not SCCL recorded 😞
 - <https://www.o-ran.org/sccl>
 - SCCL does not address 3GPP license issue - Issue continues as before
 - O-RAN Alliance will try persuade 3GPP to use SCCL ... but progress stalled.
 - SCCL is currently only for O-RAN Alliance material - to be agreed to by anyone using/redistributing these specs
 - OSC is a first mover to put procedures in place
 - SCCL is copyright only - IPR licensing is a separate issue and not addressed
 - SCCL is not an open-source license
 - We are making some progress understanding SCCL 😊 (but we're not there yet!)
 - Can SCCL specs be redistributed freely?: No.
- 3GPP:
 - Surely there is potential to request a PoC/Demos/non-Commercial derogation from 3GPP
 - We need to keep pushing.
 - [Tracy Van Brakle](#) IIRC 3GPP does allow use for demos/poc/exhibitions ? Will check up on this! This should be enough for our requirements.

Simulators

- [N.K. Shankaranarayanan](#) The RANSIM work in ONAP is making good progress! (Ref Krishna in SON, Slicing & OOF in ONAP)
 - [Tracy Van Brakle](#) [N.K. Shankaranarayanan](#) Should all these simulators be consolidated?

- They could be more aligned, but probably should not be "merged" - they have different priorities / simplifications embedded - by design!
- But they do have some shared/shareable functions/requirements, so some alignment might be helpful.
- [Tracy Van Brakle](#) Is there something like Mininet for O-RAN/3GPP/RAN? Maybe academic contributors would be best suited to help here 😊

Q&A

- Ran out of time 😞