2021-05-12 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

12 May 2021

Attendees

- John Keeney
- Martin Skorupski
- Alex Stancu
- Andy Mayer
- user-4594e
- Dibas Das
- Fernando (Fred) Oliveira
- Gervais-Martial Ngueko (AT&T)
- HariomGupta(HCL)
- James Li
- Kamel Idir
- Konrad Baka
- Krystian Kedron
- Lasse Kaihlavirta
- Marcin Krasowski
- N K Shankar
- Pawel Slowikowski
- Sonia Sangari
- Swaminathan Seetharaman
- Timo Perala
- *Sorry - didn't manage to get a full attendees list for this meeting ... please add/remove yourself* 🙂

See also / co-located (ONAP/O-RAN-SC/SMO - Meeting)

- Co-located with ONAP 2021-05-12 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting)

Contents:

Recording

- Recording (cloud)
- Recording (MP4 - low res)

Notes:

Housekeeping:

- ***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*
- O-RAN has declared that recording are kept for 2 weeks only. Does this apply to us?
  - Is this a requirement, a privacy issue or a cost issue?
  - Not sure - the recording storage quota that we use is currently full - so we may need to delete old cloud recording?
  - All past recording are also available as files uploaded to the wiki pages - May be a storage issue later, but no plans to delete as yet.

OSC Project roundup:

NONRTRIC (John Keeney)

- Continuing work as reported in past weeks - working toward OSC D code freeze
  - We are testing a first version of a script for the O-RU recovery use case - Script version and ONAP-Policy version
  - Finishing touches to Control Panel upgrade activities
- Integration tasks will likely run over into the Integration sprints. - e.g. deployment scripts, tests, etc.

SIM (Alex Stancu)

- New version of O-DU and O-RU simulators
  - See updates in SIM Wiki: "D" Release - Closed Loop Use Case: Simulation of O-RU and O-DU

OAM (Martin Skorupski)

- Working mainly on integration for the O-RU use case & test cases
  - See OAM Wiki: D-Release Integration
    - D-Release Integration - Test Environment
    - D-Release Integration - O-RU on-boarding
    - D-Release Integration - O-DU on-boarding
    - D-Release Integration - O-RU closed loop
    - **OAM-190** - Getting issue details... `STATUS`
  - Lots of tests cases - most pass already.
- Working with Lasse Kaihlavirta testing/verifying pnfRegistration event for O-DUs
  - Still testing - may need more help from Martin Skorupski - will discuss over slack
- HariomGupta(HCL) Need some help re pnfRegistration VES event producer from O-DU - Re O-DU port changes. Please check the gerrit review.
  - Needs some examples - will share via Gerrit? & Any other logs needed

LFN ONAP Honolulu Webinar

- Presentation from Catherine LeFevre, John Keeney, Swaminathan Seetharaman
  - https://www.lfnetworking.org/event/lfn-webinar-onap-honolulu-is-here/
  - https://www.youtube.com/watch?v=d4X4VrBKDgs
  - Positive message about ONAP maturity and helping towards achieving the O-RAN Vision
  - Lots of interest about the slicing activity (not just at the seminar - but in the community + industry in general)

Topology Modelling

- Andy Mayer - Confident work on topology modelling will be a big help for slicing. Can including slicing concepts in Topolgy model
- https://wiki.onap.org/display/DW/Abstract+Topology+Model
- Karthik (?) working with Andy Mayer around TAPI topology model
- Alex Stancu working on a service to expose TAPI models for topology modelling - Research activity - can hopefully make available in opensource & maybe input for O1?
  - Andy Mayer MEF are already looking at this - based on TAPI (part of Presto API) - especially for Ethernet etc - could be extended into a general topology model? Could/Should coordinate ONAP/O-RAN & MEF?
  - Alex Stancu Wondering if anyone knows if TAPI will move to Yang 1.1 (currently 1.0)? - Should ask Karthik? - Could ask at ONF/TAPI call on Tuesday or ONAP modelling call on Friday?
- Discussion about implementing a Topology Service:
  - Is it an O1 and A1 activity? : John Keeney O1 is most useful for RAN topology
  - John Keeney Most important to have a solid model first before implementing. Service that the SMO should provide.
  - Also need to consider core, transport topology too - so not just O-RAN.
- Andy Mayer Needs to be use case driven
  - Proposed model sketch: https://wiki.onap.org/display/DW/Proposed+Topology+IM+Sketch - but needs to be used/populated to verify.
  - NK Shankar: Is TAPI the best place to start? Maybe should start with something simple - e.g for the SON use case - cells, neighbors, etc is very different from actual connections (logical vs physical views)
    - Likely need simplified logical views .
    - Andy Mayer Best to sketch out some use cases - will verify model & drive requirements.
    - John Keeney Probably need a well-thought out base/canonical model to act a base for other logical view.
      - Source of truth is config data (O1) and Inventory.
    - NK Shankar - This is very hard to achieve - simpler logical views is easier to achieve & work with John Keeney Needs to be grounded in reality though
    - John Keeney For example for NON-RT-RIC use cases we need live topology information about UEs - which makes the topology service very difficult!
    - NK Shankar - lots of layers/views - probably can't implement the whole thing from scratch - need to make simplifications.
- Needs further discussion at ONAP Modelling subcommittee meeting https://wiki.onap.org/display/DW/Modeling+sub-committee+meetings

O-RAN F2F - 01-14 June 2021

- No update

ONAP Q/A

- Vidhu Shekhar Pandey - Needs access to O-RAN SC lab lab to try O-DU for integration tests to test/demo O-DU. O-DU runs in a VM directly - not a Docker image so a but difficult to do without lab access.
  - Martin Skorupski Can try help get access to VMs to test.
  - Vidhu Shekhar Pandey to Martin Skorupski Please check out the Gerrit review for the VES event producer etc.

Follow up note:

- Swaminathan Seetharaman - who had to leave the meeting midway - informed us all recently that he is changing roles
  - We are sorry to see him go. Thanks for helping alot with this meeting series over the past few months. 🙂