2022-04-27 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
>
> **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

27 Apr 2022

Attendees

- John Keeney (Ericsson EST & OSC NONRTRIC)
- Martin Skorupski(Highstreet & OSC OAM)
- Alex Stancu(Highstreet & OSC SIM)
- James Li (CMCC & OSC INT)
- HariomGupta(HCL)
- Dibas Das
- Josh Yuen
- Kevin Tang (STL)
- Kevin Timoney (Ericsson EST)
- Michal Cmarada (Pantheon)
- Gervais-Martial Ngueko (AT&T)
- N.K. Shankaranarayanan (STL & ONAP)
- Sonia Sangari (Ericsson EST)
- Timo Perala (Nokia & ONAP)
- *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 2022-04-27 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting)

Contents

Recording

- Recording (MP4 - lo 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*
    - *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*
- Unfortunately Martin Skorupski cannot join next week 😔

OSC Project roundup:

News from OSC TOC call this week

- https://wiki.o-ran-sc.org/display/TOC#ORANSCTechnicalOversightCommittee(TOC)
    - Note Time change for TOC calls from May 5th onward
        - +1 day & 1hr. Thursdays (Thursday 9AM EST)
        - Timeslot is currently used by RSAC/SMO (RSAC/SMO will take the timeslot originally used for TOC)
        - Keep watching calendar as updates are ongoing
            - https://lists.o-ran-sc.org/g/main/calendar
    - OTF readout likely will happen next week at RSAC call (Note changing time for RSAC call - moved to Wednesday - taking the old OSC TOC timeslot)
    - VIAVI presented plans for RAN simulator/emulator & extensions for future use cases - particularly the mMIMO use case.
        - Binary distribution will be provided, with some scripts & tests provided.
        - (Emulator was previously used to generate data for HCL for ML training (xApp?) and also for E2 simulator https://gerrit.o-ran-sc.org/r/admin/repos/sim/e2-interface-data)
    - New ns-3-based E2/RAN simulator contribution proposed by Northeastern University (with inputs from Mavenir & University of Padua)
        - Will act as an E2 simulator for near-RT-RIC as an ns-3 5G simulations using OSC E2 Simulator
        - License: GPL
        - New repo required.

NONRTRIC (John Keeney)

- Finalizing ONAP J release for A1 Policy Management Service
- Working towards ONAP Kohn release requirements
- Repo moves almost complete.
- And, as per last week:
    - Working on e2e PM data - making it available over pre-R1 DME (OSC NONRTRIC) Information Coordination Service)
    - Working on PoC Service Exposure - with a view towards R1

- Examining 3GPP CAPIF spec
- Will update more as this matures - still very early - hopefully a demo in coming weeks (Kevin Timoney 😃)
- See discussion on ONAp use cases below.

SIM (Alex Stancu)

- Northeastern University (& Mavenir, Padua University) approved to contribute an E2 simulator plugin for NS3.
  - Discussed at TOC this week (see above)

OAM (Martin Skorupski)

- Looking at Prometheus for O-Cloud metrics (With Grafana? for visualization)
  - Possible to add to the base OSC SMO integration package?
- Examining O-Cloud specs & relevance for OAM. G release most likely.

O-DU (Hariom Gupta Vidhu Shekhar Pandey)

- VES event production & fault event validation (schema reference): Working now 🙂
  - Will give a review soon
  - Martin Skorupski Note Std-defined (FM?) messages are not yet visible in SDNR ODLux - will add soon
    - Maybe add support for different Std-defined events

OSC Integration / INT (James Li)

- OTF workshop planned for RSAC call next Wed (see TOC vs RSAC time changes above)
  - OTF installed in Bedminster Lab

RSAC/SMO (David Kinsey)

- No update

Copyright Update (N.K. Shankaranarayanan)

- Need to get feedback back to Magnus Buhrgard about plans to use 3GPP artifacts in ONAP
- Some discussion at O-RAN WG10 call about O-RAN 3GPP LS - but OSC out of scope there.
  - Probably should aim for more liaison OSC 3GPP?

ONAP Use Cases Update (N.K. Shankaranarayanan)

- Working on SON use case requirement for K release
  - Moving from O1-based to A1-based
    - rApp would likely need to be aware whether it is using A1 or O1 - Currently R1 plans for 2 separate logical functions(?)/service (?) for O1 vs A1 ... maybe later R1 might have a more abstract (e.g. Intent) interface ?
    - Updating ONAP NetSIM for A1 etc. & plugable simualtor use-case logic
  - Hope to rApp-ify & extend the Control-loops ("Automation Compositions") used - will work with ONAP Policy team Liam Fallon)
    - Should have a Call soon between SON team, N.K. Shankaranarayanan, Liam Fallon & John Keeney
    - Currently messages are DMaaP (Control Loop messages) ... Will that work?
      - Will work for A1 PolicyManagementService (has a DMaaP NBI) - but this is not very R1-ey
  - Still have a few weeks - but need to make progress 🙂

Q/A

- None this week - have a good week!