2023-05-23 Meeting notes - Joint OAM / NONRTRIC / SIM Community meeting

Time & Location:

Meeting Detail: Times & Joining Info

Tuesdays at 14:00 UTC in Summer (DST), *15:00 UTC in Winter*

https://us02web.zoom.us/j/89069708424?pwd=aGJOZm54eTUxd0FXR0VCU1N0ejBrUT09

- Ensure you are signed into your Zoom account to join.
- Meeting ID: ***890 6970 8424***. By Phone: Dial in (Local numbers): You will need a Participant ID so you will need to join the meeting from a Zoom client first to get this.
- *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 (Q2, Q3) eventually stabilizes to:
    7am PDT | 10pm EDT | 14:00 UTC | 15:00 BST | 16:00 CEST | 17:00 EEST | 19:30 IST | 22:00 CST | 23:00 JST
  - Winter (non-DST) time (Q4, Q1) eventually stabilizes to:
    7am PST | 10am EST | 15:00 UTC | 16:00 GMT | 17:00 CET | 18:00 EET | 20:30 IST | 23:00 CST (Thurs) | 00:00 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

23 May 2023

Attendees

- John Keeney (Ericsson EST & OSC NONRTRIC)
- Martin Skorupski (Highstreet & OSC OAM)
- Alex Stancu (Highstreet & OSC OAM)
- N.K. Shankaranarayanan(ONAP)
- Aravindhan Ayyanathan(Ericsson EST)
- Kevin Timoney (Ericsson EST)
- *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 2023-05-23 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting)

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        - SIM (Alex Stancu)
        - OAM (Martin Skorupski)
        - O-DU Vidhu Shekhar Pandey)
        - OSC Integration / INT (James Li)
        - SMO (Seshu Kumar Mudiganti)
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Recording

- Recording (MP4 - lo res)

Notes:

Housekeeping:

- **Calendar:**
    - https://lists.o-ran-sc.org/g/main/calendar
    - https://lists.onap.org/g/onap-meetings/calendar
    - ***7am PDT | 10pm EDT | 14:00 UTC | 15:00 BST | 16:00 CEST | 17:00 EEST | 19:30 IST | 22:00 CST | 23:00 JST***
- *OSC SMO project calls now move to its own time slot - alternate Thursdays - **TBC***
    - *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*
- John Keeney Away last week

New time for this call!

- Tuesdays at 14:00 UTC.
    - What time where you are?
    - ***7am PDT | 10pm EDT | 14:00 UTC | 15:00 BST | 16:00 CEST | 17:00 EEST | 19:30 IST | 22:00 CST | 23:00 JST***

OSC Project roundup:

News from OSC TOC call last week

- https://wiki.o-ran-sc.org/display/TOC#ORANSCTechnicalOversightCommittee(TOC)
    - Last week's TOC (Thursday):
        - Update from several projects, including SMO & NONRTRIC (See below)
    - This week's TOC (in 2 days):
        - New meeting format with updates from relevant PTL etc
            - week 0: RSAC, Integration I (cross-project testing related), Infrastructure
            - Week 1 : RIC, RICAPP, AIMLFW
            - Week 2: NONRTRIC, SMO, OAM, SIM
            - Week 3: Integration II (lab related), O-DU-HIGH, O-DU-LOW
        - This week:
            - SIM, OAM, RICAPP, O-DU-HIGH, O-DU-LOW, DOC

NONRTRIC (John Keeney)

- **Demo:** "LCM of ASD-based CNFs using ONAP CNFM function in Standalone mode" Aravindhan Ayyanathan
    - At last weeks RSAC committee Meeting (17 May 2023)

- Demonstrate ASD-based LCM for CNFs using a cut-down version of the CNFM function originally from the ONAP SO project. The function can be used in standalone mode without the need for the rest of SO, A&AI or SDC.
- Video: Hi-Res

- Video Lo-Res

- Slides:

- **Demo:** "CAPIF for Service Registration & Service Discovery" Yennifer Chacon
  - At last weeks RSAC committee Meeting (17 May 2023)
  - Demonstrate Demo/Discussion of CAPIF-based Service registry/discovery. The 3GPP CAPIF approach seems to be gaining traction as a basis for R1-SME, and we would like to show the progress we have made with our implementation.
  - Video: Hi-Res

- Video Lo-Res

- Slides:

- **TOC Update:**
  - Slides:

- Working on improving documentation - especially for RAN PM functions:
  - https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtric-plt-ranpm/en/latest/
- Making some initial progress on consolidated rApp manager ... but just starting still
- Experimenting with using Avro for PM data serialization ...
- Will try to expedite release processes for ONAP & OSC due to teams vacation & availability plans
- Previous weeks:
  - Consolidating PM data exposure in new repo for RAN PM functions
    - https://gerrit.o-ran-sc.org/r/gitweb?p=nonrtric%2Fplt%2Franpm.git;a=summary
  - (R1) Service Exposure & Management
    - CAPIF Aligned Service Registry
    - Secured/Sandbox execution environment
    - Controlled access & exposure of service to/from rApps
  - (R1) Data Management & Exposure
    - File-based PM data InfluxDB
    - 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
      - Inference Services in rApps
        - Added a 'KServe Participant'
      - 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 µService)*
    - Overlap with Service Exposure work to examine role of an rApp Manager to support controlled exposure & LCM of µService and non-µService 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)

- Preparing for TOC update tomorrow
- Still looking at PM file passing:
    - Some additional useful info: https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtric-plt-ranpm/en/latest/

OAM (Martin Skorupski)

- Preparing for update to TOC tomorrow.

O-DU Vidhu Shekhar Pandey)

- No update this week

OSC Integration / INT (James Li)

- No update this week

SMO (Seshu Kumar Mudiganti)

- No update this week
- Meeting notes Meeting notes

RSAC (David Kinsey Rittwik Jana)

- Minutes: RSAC Meetings (17 May)
    - See Demos in NONRTRIC above
- This week:

AI/ML platform project (Joseph Thaliath)

- Minutes & Meeting: Meeting notes
- Calendar: https://lists.o-ran-sc.org/g/main/calendar

ONAP/OSC Usecases(N.K. Shankaranarayanan)

- SON Usecase
    - Moving towards release prepartation
    - NETSIM in ONAP needs some update (Honeycomb not available?

ONAP/OSC Alignment Usecase proposal for ONAP Montreal(N.K. Shankaranarayanan)

- As discussed last week here.
- Discussed at ONAP TSC call last week: https://wiki.onap.org/display/Meetings/TSC+2023-05-18
    - Lots of interest in ONAP TSC
    - Emails to OSC TOC/RSAC chairs. Lots of interest
- "ONAP/OSC SMO Automation use case." (Umbrella of use cases 🙂)
- Use cases will need an rApp
    - Could align with ONAP ACM team to show 'hello-world' type rApps/compositions to show the end-to-end nature.
        - rApps would have very limited intelligence or functionality - little more than stubs.
- The word "Use-case" is very overloaded
    - In OSC we are aiming more for an "Integration Demonstrator" (use-case may not be the best word)
    - In ONAP 'use-case' is good (Integration has different connotations in ONAP)

Questions / Comments / AOB:

- Nothing additional this week.

Meeting ends 30min