2023-05-30 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 | <u>14:00 UTC</u> | 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

30 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)
- Vamshi Krishna Namilikonda (Cap Gemini)
- *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 2023-05-30 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting)

Contents

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 | <u>14:00 UTC</u> | 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 will be away on 20-June & 27-June
    - Propose to cancel 20-June meeting - overlaps with O-RAN F2F meeting in Osaka. Will confirm in coming weeks.

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 OAM, SIM,
    - 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:
                - RICAPP, O-DU-HIGH, O-DU-LOW, INT
        - Planned update from O-RAN MVPC co-chair

NONRTRIC (John Keeney)

- Demo Last week: "LCM of ASD-based CNFs using ONAP CNFM function in Standalone mode" Aravindhan Ayyanathan
- Demo last week: "CAPIF for Service Registration & Service Discovery" Yennifer Chacon
- TOC Update last week
- Focus on documentation, final testing & release tasks for ONAP London & OSC H
- Some team member updates in coming weeks.
- Making progress with stating a new 'rApp manager' function. Still very early, but will one of the main activities in new OSC release.
- 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)

- Succeeded to deploy NONRTRIC ranpm/DME solution in AWS
  - 2 Issues: Space in Base64 encoded tokens, cert generation would work better with a small fix
  - Björn Magnusson has the details
  - Next wtep PM file genreation with simulator.
- 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)

- Release preparations
- Discussions ongoing about PM streaming using websockets & protobuf - will align with 3GPP O1 spec.
- Debating with WG10 about fixing some openapi/yaml inconsistencies in 3GPP specs.

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

AI/ML platform project (Joseph Thaliath)

- No update this week
- Minutes & Meeting: Meeting notes
- Calendar: https://lists.o-ran-sc.org/g/main/calendar

ONAP/OSC Usecases (N.K. Shankaranarayanan)

- See below

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

- As discussed in previous weeks
- Aiming for presentation to ONAP ArchCom: 13 June
- Unclear yet what the outputs will be ...
  - Even just articulating how functions should work together, and reflecting existing/resourced work as in-scope for this activity.
  - Little new/usecase-specific development expected
- ONAP M1: 22 June

Questions / Comments / AOB:

- N.K. Shankaranarayanan: Wondering if "Cloud Events" is relevant for event formats? Maybe of interest for R1?
  - CPS team in ONAP considering this.
  - https://cloudevents.io/

Meeting ends 25min