2021-07-28 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

28 Jul 2021

Attendees

- Incomplete attendance list this week. Sorry, I didn't get a snapshot of attendees 😔
- John Keeney
- Martin Skorupski
- Alex Stancu
- Andrew Lamb
- Byung-Woo Jun
- Chris Dent (VMWare)
- user-4594e
- Fernando (Fred) Oliveira
- Gervais-Martial Ngueko (AT&T)
- HariomGupta(HCL)
- Kamel Idir
- Krystian Kedron
- Lathishbabu Ganesan
- Marcin Krasowski
- Pawel Slowikowski
- NK Shankaranarayanan (Sterlite)
- Sebastien Determe (AT&T)
- Stanislav Marszalek (Samsung)
- Vidhu Shekhar Pandey
- William DIEGO
- *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 2021-07-28 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting)

Contents

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*

Vacation plans in coming weeks:

- John Keeney will be unavailable for call on 11Aug ... Will discuss next week if this/other calls should be cancelled, depending on availability of key attendees.

OSC Project roundup:

NONRTRIC (John Keeney)

- Little new to report since last week as team members on vacation
- A1 Policy Functions in ONAP - Istanbul M3 approaching
  - Work continues on A1 Adapter & A1 Policy Management Service extensions.
- Continue Release E planning
  - Looking at how to deploy & LCM Apps in OSC E
    - Based on work in ONAP: https://wiki.onap.org/display/DW/TOSCA+Defined+Control+Loops%3A+Architecture+and+Design
      - While this is based on older work on ONAP Control Loops/Clamp - it is basically a full re-architect & build.
    - Still at a very early stage, not yet ready to present / demo ... Hope to demo/present at upcoming RSAC meetings a few weeks.
    - Current prototyping going very well - using the OSC D "Link Monitor" Apps as requirements drivers & "pipe cleaner".

SIM (Alex Stancu)

- Martin Skorupski : Alex is working on an issue with ODL & Netopeer on RestConf-Netconf translation.

OAM (Martin Skorupski)

- Release planning & examining use case proposals

O-DU (HariomGupta(HCL))

- E-Release Planning
  - Discussing with O-DU-High&O-DU-low team for O1 config parameters - based on 3GPP parameters.

News from OSC TOC call this week

- OSC D-Release PR has still not happened ... soon ..?
- OSC E-Release Preparation: Input from RSAC
- Some action likely needed to support new O-RAN license ... PTLs await further input from TOC & legal
- https://wiki.o-ran-sc.org/display/TOC#ORANSCTechnicalOversightCommittee(TOC)-20210728

OSC Release E usecases:

- New version of E-Release RSAC slide deck https://wiki.o-ran-sc.org/download/attachments/35881433/E_rel_v2.pptx?api=v2
- Proposals are still very early stage: more detailed discussion required - attend RSAC meetings for more details:
  - RSAC Meetings
- **Usecase: Disaggregating VES: "Network Telemetry Improvement Proposal"**
  - See slides #99+ in slides above
  - Discussed at RSAC/SMO call last week:
    - Slides see: https://wiki.o-ran-sc.org/download/attachments/1179971/Disaggregated%20VES%20-%20OSC%20Release%20E.pptx?api=v2
    - Recording: https://zoom.us/rec/share/ENNFTIViSpkG6rBCzF-myIbR2i9WPzje9v7dBL0fGAI2ZM0uveyHqqBP0SkLGa3s.GQS0sL3rPgPErPsc
  - Unsure if this will affect spec/standardization for VES
  - Suggestion PoC in OSC (E release) then upstreamed to ONAP J+
    - Perhaps discussion is needed and would be welcome in ONAP at this stage - prior to PoCing in OSC?
- **Usecase: "Slice Resource Quota Provisioning and Assurance"**
  - See slides #113+ in slides above
  - O1 Closed loop use case - for slice resource assurance.
  - Based on "3.12 Use case 12: NSSI Resource Allocation Optimization" in https://oranalliance.atlassian.net/wiki/download/attachments/170655795/O-RAN.WG1.Use-Cases-Detailed-Specification-v06.00.02.docx?api=v2
    - Just the O1 part, not the O2 part. (excludes sequence 3b in flow diagram)
  - For the E-Release, the rApps & SMO & OAM parts would be very similar to the OSC-D closed loop use case (O-DU/O-RU FH recovery)
  - ... But alot of work will be needed to support the function & support required CM in O-DU
  - John Keeney rApp/NonRTRIC: Hopefully we can use this usecase to further demonstrate Control Loop rApps (will be based on similar activities for Control Loops in ONAP)
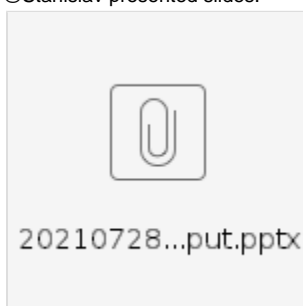
ONAP SMO deployment options

- @Martial: No major update on the deployment work:
  - Need to wrap up initial PoC for ONAP Istanbul, but not tied by ONAP M3 date
- @Martial Next step will look at CNF deployment

- **CNF Deployment / Combined PoCs:**
  - Pawel Slowikowski Good overlap with Samsung Demo for last year - deploying a simulator CNF
  - John Keeney Can we also combine with ongoing PoC work on rApps / Control Loops in ONAP?
  - Lets discuss if we can pull 3 PoC workstreams together

Q&A:

PM Collection / VES PMMapper

- @33:30 in recording
- Pawel Slowikowski Krystian Kedron @Stanislav
  - Struggling with PM Mapper for O1 PM-Bulk measurements - can only use bulk collection (ves:fileReady & File collection), but PMMapper translate to VES events does not seem to work very well ...
  - Potential to improve how PMMapper VES event translation
  - @Stanislav presented slides:

20210728...put.pptx

  - Difficulty identifying temporal granularity of the individual events
    - Semantic of the Granularity period is misleading? wrong?
    - Martin Skorupski Is the start/end times in header? This would define the granularity?
    - Granularity should be inside the message? - Would have a knock on effect in spec/standardization.
    - Likely that new approach to use stndDefined schemas for 3gpp events might work around this?

- - - Martin Skorupski will reach out to some interested parties.
  - ○ Issues mapping meastype with measvalue
  - ○ Version, VESVersion, Priority, Domain seems to be hardcoded in VES PMMapper. SourceID is missing.
    - ▪ may be a broader with VES Collector in general
  - ○ Martin Skorupski Should start by creating tickets in JIRA - VES Collector & PMMapper
    - ▪ https://lists.onap.org/g/onap-discuss/message/23433
    - ▪ DCAEGEN2-2874 *PM Mapper output - sMeasTypesList*
    - ▪ DCAEGEN2-2873 *PM Mapper output - granularityPeriod issue*

SON Usecase:

- *@57:10 in recording*
- @Shankar: SON Use case uses VES PM messages direct to VES Collector (bypassing PMMapper)
  - ○ To be O1 compliant should use File-based PM ... Ref WG10 in O-RAN
- @Shankar: Now working with Sterlite - but continues to be committed to SON use case 🙂
- John Keeney A1 Policy for SON use case discussed at ONAP Use Case Realization Call this week
  - ○ https://wiki.onap.org/display/DW/Use+Case+Realization+Call%3A+July+26%2C+2021
  - ○ Will follow up 23 Aug call: https://wiki.onap.org/display/DW/Use+Case+Realization+Meeting+Register+MoM