2021-08-25 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

25 Aug 2021

Attendees

- John Keeney
- Martin Skorupski
- Alex Stancu
- Andrew Lamb
- Chris Dent (VMWare)
- user-4594e
- Dibas Das
- David Allabaugh
- Fernando (Fred) Oliveira
- Gervais Martial Ngueko
- HariomGupta(HCL)
- Kamel Idir
- Kevin Tang
- Krystian Kedron
- Lathishbabu Ganesan
- Manoj Nair
- Sandeep Shah
- Sebastien Determe (AT&T)
- N.K. Shankaranarayanan
- Sonia Sangari
- Timo Perala
- Vidhu Shekhar Pandey
- *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 2021-08-25 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*

OSC Project roundup:

NONRTRIC (John Keeney)

- Skipped

SIM (Alex Stancu)

- Skipped

OAM (Martin Skorupski)

- Skipped

O-DU (HariomGupta(HCL))

- Skipped

News from OSC TOC call this week

- https://wiki.o-ran-sc.org/display/TOC#ORANSCTechnicalOversightCommittee(TOC)-20210825

PM over VES N.K. Shankaranarayanan

- *(01:50-48:00 in recording)*

O1_VES_2...825.pptx	CMNotific..._poc.json	perfDataS..._poc.json	faultData..._poc.json

- PM Data from RAN to SMO over O1 - using VES
  - O1 is currently focused on file-based PM, with VES used for notifications to coordinate File collection.
- VES already used for FM and CM notifications etc
- Some sample / pre-spec / prototypes using VES messages to relay PM-like data to SMO
- O1 PM streaming: Specifies ASN.1 data over websocket (aligns with 3GPP)
- Suggestion/Proposal that JSON VES for PM Streaming might be useful too
  - Suggest proposal to O-RAN WG10 & 3GPP - wider audience

- VES domain (3gpp 28.532 Annex B) - perf3gpp vs stndDefined
  - perf3gpp is older (pre-stndDefined) - used in ONAP until now - and would need to be maintained if kept in future versions.
  - stndDefined is schema-based & more extensible (& preferred?).
  - Krystian Kedron Test with stndDefined Schema validation in ONAP VES collector has some issues:
    - validates whole schema not just relevant part
    - Some schemas are missing, & some schema in 3gpp forge are incorrect
  - Martin Skorupski CM Notification: Sometimes hard to map CM change back to the Yang model for the change
  - Martin Skorupski Similar for other VES messages - when referring to a managed object it is not clearly mandated how to map back to yang model.
  - Krystian Kedron Currently ONAP PM Mapper does not support stndDefined ... all notifications mapped to perf3gpp messages
  - Krystian Kedron Update of PM Mapper to VES 7.2: https://jira.onap.org/browse/DCAEGEN2-2880

Update for ONAP Requirements Sub Committee

- Timo Perala, Alla Goldner : ONAP Requirements subcommittee request an update on areas where ONAP and O-RAN share interest.
  - What is/are the area/s of common interest?
  - What is the current state of affairs?
  - What are the future topics to address?
  - Any issues that require more emphasis from the community, or more formal collaboration relation between the two communities is needed?
  - Anything else you think it worthwhile to highlight.
- Others presenting / providing input
  - SMO deployment (Christophe)
  - Slicing Use case (Ahila)
  - ASD container / descriptor
  - SON (Shankar)
  - Update from OSC/ONAP alignment topics (from last presentation in Mar? 2021)
- Update from this meeting series: (Note this meeting series is informational/discussion only - refer to related decision fora for detail/reference)
  - Some topics/headings discussed recently:
    - Use cases / prototypes
      - ONAP SON use case
      - ONAP Slicing use case
      - Sleeping Cell etc
    - O1
      - VES message formats
        - CM, FM, PM (File), PM (Stream) etc
      - CM yang model alignment
      - FM / Alarm coordination
    - A1 Policy
    - SMO Deployment (ONAP & OSC & other project's components)
    - Test environments
    - Simulators
      - OSC O1 simulators (generic, O-RU, O-DU)
      - OSC A1 simulator
      - O1/A1 (Sleeping Cell) CNF simulator
      - ONAP RAN simulator
    - CNF packaging
    - Topology
    - Need for higher-level CM models - beyond canonical/spec models
    - (later ... O2)
  - Need to re-stress the desire to have a Formal collaboration between OSC & ONAP, e.g. at requirements & TOC/TSC committee level
    - 5G Super Blueprint initiative was proposed as a candidate to drive this, but different levels of engagement in ONAP vs OSC.

Q&A:

- Ran out of time this week