

2021-02-17 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting) - Agenda

Date

17 Feb 2021 | 9am PST | noon EST | 17:00 UTC | 18:00 CET | 21:30 IST

new ZOOM: <https://us02web.zoom.us/j/89069708424?pwd=aGJOZm54eTUxd0FXR0VVCU1N0ejBrUT09>

Meeting ID: 890 6970 8424

Let's see how this works 😊

in case of trouble you find us also on **Slack:** <https://onaproject.slack.com/archives/C01K8CNUJA2>

Attendees

- Martin Skorupski
- Alex Stancu ★
- John Keeney ★
- Mahesh Jethanandani
- Swaminathan Seetharaman ★
- Abhinav Singh ★
- Alessandro Gerardo D'Alessandro
- Amy Zwarico
- Andrea Buldorini ★
- Andy Mayer ★
- @Anh Le
- Claudio David Gasparini ★
- Dibas Das ★
- @Dmytro Gassanov
- emmanuel sarris ★
- Fernando Oliveira ★
- Grzegorz Wielgosinski ★
- HariomGupta(HCL) ★
- Joachim Blixt ★
- Kamel Idir ★
- user-7f92d
- Konrad Baka
- Kuldeep Negi
- Lasse Kaihlavirta ★
- Lathishbabu Ganesan ★
- Manoj Nair
- marcin krasowski ★
- Michela Bevilacqua
- Paulo Costa ★
- Pawel Slowikowski
- Ruslan Kashapov
- Sonia Sangari
- Scott Blandford ★
- subhash kumar singh ★
- Timo Perala ★
- @Vidhu Pandey ★
- Zu Qiang (Ericsson) ★
- Sven van der Meer

Please add yourself. Thanks!

Discussion items

Time	Item	Who	Notes
00:00	Admin	Martin Skorupski	Next meetings: 2021-02-24: John Keeney 2021-03-03: Martin Skorupski 2021-03-10: John Keeney 2021-03-17: Martin Skorupski

Informed

- Andrea Buldorini
- Alexander Dehn
- @John Ng
- George Clapp
- Herbert Eiselt
- KAPIL SINGAL
- Tracy Van Brakle

See also

- 2021-02-17 Meeting notes - Joint OAM / NONRTRIC / SIM / SMO SCRUM meeting

Goals

- share information between
 - O-RAN-SC Non-RT-RIC
 - O-RAN-SC OAM
 - O-RAN-SC SMO
 - ONAP CCSDK/SDNC/SDN-R
 - LFN 😊

Recording

- Recording (cloud)
- Recording (lo res MP4)

00:05		@all	Time for the slot is critical • Info from O-RAN-SC SMO ◦ every Thursday at 9am EST (just 30min every 2 weeks - combined with RSAC) https://wiki.o-ran-sc.org/pages/viewpage.action?pageId=1179732 (LFN - open meeting) • Maintain alignment ◦ need to keep this WED meeting ◦ and bring content from O-RAN-SC SMO to this meeting here (if ONAP related)
00:10	O-RAN-SC	O-RAN-SC PTLs	Status reports: ▪ Non-RT-RIC: John Keeney ▪ ONAP Honolulu M3 activities ▪ O-RAN-SC Frontend ▪ rApp execution platform init brain storming ▪ SIM: Alex Stancu ▪ NS3 sim - 5G RAN sim - function still not very clear ▪ OAM: Martin Skorupski ▪ D release use case ▪ ODLUX Alarm mappings
00:40	Q/A	@all	Lasse Kaihlavirta DMaaP A1 Policy Service Why? just as a common service to share info from Non-RT-RIC to other µServices. Hieu Nguyen 1. non-rt-ric communicates via AI to near-rt-ric - with A1-Adapter 2. non-rt-ric communicates via AI to near-rt-ric - without A1-Adapter Why A1-Adapter? and not direct? centralize - load balancing - integration point - HTTP proxy: used only for direct communication to Near-RT-RIC @Vidhu O-DU - OAM interfacing mini - SMO for dev - provide link to docker compose
END			

00:??	Use Case	@all	OSC Proposed e2e integration use case: O-RU FH connection recovery - REF/Background: (OAM) Closed loop use case (RSAC) Meeting 14 Jan: - Slides: https://wiki.o-ran-sc.org/download/attachments/1179971/RU_failure_recovery_use_case.pptx?version=1&modificationDate=1610637325824&api=v2 - Recording: https://zoom.us/rec/share/mKYOGkB3mgpvlo2Hx1eY5Oifyw9qV9NQd7NiEj-FxQKP0kUpWOc7yvMO_LLPhA_M.lmx2LCh7-QwDHAFi Martin Skorupski provided intro - Alarm when fronthaul connection dies (O-DU - O-RU) (VES to SMO) John Keeney If there is a failure both O-DU & O-RU will try reconnect anyway - without this loop? Martin Skorupski Yes. @? How does SMO connect to O-RU? Martin Skorupski This is a mix of different deployment options (hierarchical vs hybrid, O1 vs M-Plane). Main issue is agreeing models & terminology. John Keeney Seems this use case is not real-world useful, especially since recovery will happen automatically anyway, & mix of standards ... Martin Skorupski John Keeney Using this use case as longer term motivator for SMO/NONRTRIC/rApp development - independent of usecase - Topology ??: - May need a topology service for this use case - John Keeney Will use a simple file/hardcoded for initial versions of this use case. Pawe Pawlak Andy Mayer Topology in A&AI, CPS ? John Keeney No - not initially. Plan to keep it simple for this release. <bridge dropped recording stopped at this point. Most participants reconnected once bridge started again> - Topology ??: (contd) John Keeney Lots of options for how this should be done properly in ONAP. Swaminathan Seetharaman ONAP usecases already have some plans for this e.g. slicing, oof, etc Andy Mayer A model should be agreed in ONAP. Lots of previous discussions in ONAP - e.g. what goes in A&AI and CPS ... but that was a while ago. Martin Skorupski SDNR has some topology model too - not standards based. @Sven John Keeney Martin Skorupski Lots of issues with different topology models ... and most existing hierarchical models break down in a 5G/CloudRan environment - Lots of work ... Andy Mayer Martin Skorupski Can create a JIRA in ONAP MODCOM but will keep it simple here for this use case. @? Will other O1 usecases be effected? Martin Skorupski i No. O1 functions continue as before. Martin Skorupski Please add feedback if any
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Action items

