

2021-04-28 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting) - Agenda

28 Apr 2021 | 9am PDT | noon EDT | 16:00 UTC | 18:00 CEST | 21:30 IST

Note:

- North American daylight saving 2021 starts March14
- European daylight savings 2021 starts March28

ZOOM: <https://us02web.zoom.us/j/89069708424?pwd=aGJOZm54eTUxd0FXR0VCU1N0ejBrUT09>
Meeting ID: 890 6970 8424

Attendees

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

Informed

- [Andrea Buldorini](#)
- [Alexander Dehn](#)
- [George Clapp](#)
- [Herbert Eiselt](#)
- [KAPIL SINGAL](#)
- [Tracy Van Brakle](#)

See also

- [2021-04-28 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 \(MP4 - low res\)](#)

Please add/remove yourself. Thanks!

Discussion items

Time	Item	Who	Notes
00:00	Admin	Martin Skorupski	Next meetings: 2021-05-05: John Keeney 2021-05-12: Martin Skorupski 2021-05-19: John Keeney 2021-05-26: Martin Skorupski

00:05	O-RAN-SC	O-RAN-SC PTLs	Status reports: ▪ Non-RT-RIC: John Keeney ▪ SIM: Alex Stancu ▪ docker images in nexus ▪ O-DU (ves:pnfRegistration and ves:fault and hello-world-use-case.yang) ▪ O-RU (Callhome (TLS/SSH), OFH yang, NETCONF notification) ▪ NOTE: the capabilities above must be configured as expected by O-RAN Alliance Spec - both SIM are based on the same framework. ▪ https://wiki.o-ran-sc.org/pages/viewpage.action?pageId=33292606 ▪ OAM: Martin Skorupski ▪ new repo created for "nf-oam-adopter" ▪ info from CCSDK: ODL version Aluminum SR3 in H-Maintenance
00:17	Network Slicing	Swaminathan Seetharaman	How does the 5G slicing use case evolves? ▪ defined by 3GPP ▪ CSMF (communication service management function) ▪ service requirements translated to network ▪ NSMF (Network Slice Management function) ▪ answer how to realist the slice in the network ▪ NSSMF (Network Slice Management function) ▪ split in domains ▪ RAN ▪ Core ▪ Transport Please: see R9 E2E Network Slicing use case
00:30	CPS	Claudio David Gasparini	CPS insides (optional)
00:40	Q/A		
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

Action items

