

2021-04-14 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting) - Agenda

14 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](#)
- [Hariom Gupta\(HCL\)](#)
- [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

- [2021-04-14 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: 2021-04-21: John Keeney 2021-04-28: Martin Skorupski 2021-05-05: John Keeney 2021-05-12: Martin Skorupski

00:05	O-RAN-SC	O-RAN-SC PTLs	Status reports: ▪ Non-RT-RIC: John Keeney ▪ SIM: Alex Stancu ▪ OAM: Martin Skorupsk ▪ looking int VES stndDefined based on DMaaP ▪ late changes of API - but all good ▪ Request for a NF-OAM-ADAPTER
00:15	LFnetworking		https://wiki.lfnetworking.org/display/LN/5G+Super+Blueprint+Timeline?preview=/53608675/53608679/5G%20+%20Slicing%20+%20O-RAN%20SC%20+%20MEC%20.png Martin Skorupskimy personal understanding 2021-04-04: • O-RAN-SC RAN • Magma Core • ONAP (including O-RAN-SC Non-RT-RIC) SMO Specs from 3GPP (core, N1, N2, N3, E1, F1, X?) and O-RAN (A1, O1(based on 3GPP), O2, OpenFrontaul, E2) @all: Please correct, in case of my misinterpretations. Kenny Paul 5G Super Blueprint links Landing Page: https://www.lfnetworking.org/5g-super-blueprint/ Wiki Page: https://wiki.lfnetworking.org/x/EAADAw Mailing List/Calendar: https://lists.lfnetworking.org/g/lfn-demo
00:30	SMO functionality and alignment between ONAP and O-RAN SC	Swaminathan Seetharaman	SMO functionality and alignment between ONAP and O-RAN SC ▪ Swami, John and Martin: slide set was presented ▪ There was a meeting between ONAP TSC and O-RAN-SC ToC - including LFN Some thoughts: https://www.lfnetworking.org/5g-super-blueprint/
00:15	Q/A		
			Use Case ▪ VES collector 1.9.0 ▪ onap-sdnc 2.31 ▪ DMaaP 1.1.8 k8s ▪ multi helm
			yang files ▪ admin - unlocked Connection should be established works as expected ▪ admin - locked Connection should be shut down action by O-DU to close the connection AI: check yang models.
			for agenda next week Claudio David Gasparinisome insides from CPS - thanks!
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

