

2021-06-23 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting) - Agenda

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

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

Attendees

- Alex Stancu ★
- Abhinav Singh
- Alessandro Gerardo D'Alessandro
- Amar Kapadia
- Amy Zwarico
- Andrea Buldorini
- Andrew Lamb ★
- Andy Mayer
- @Anh Le
- bhanu chandra
- Claudio David Gasparini ★
- Christophe Closset ★
- Damian Nowak
- bhanu chandra ★
- Dibas Das
- @Dmytro Gassanov
- emmanuel sarris
- Fernando Oliveira ★
- Gervais-Martial Ngueko ★
- 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 ★
- Marcin Wilk ★
- NICHOLAS KARIMI MUIGAI ★
- Michela Bevilacqua
- N.K. Shankaranarayanan ★
- Paulo Costa
- Pawel Slowikowski
- Ruslan Kashapov
- Sonia Sangari ★
- Scott Blandford ★
- subhash kumar singh
- Swaminathan Seetharaman
- Timo Perala ★
- @Vidhu Pandey ★
- William Diego Maza ★
- Zu Qiang (Ericsson) ★
- Sven van der Meer

Informed

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

See also

- [2021-06-23 Meeting notes - Joint OAM / NONRTRIC / SIM SCRUM meeting](#)

Goals

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

Recording

- [Recording \(MP4 low-res\)](#)

Please add/remove yourself. Thanks!

Discussion items

Time	Item	Who	Notes
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00:00	Admin	John Keeney Martin Skorupski	Next meetings: 2021-06-30: John Keeney 2021-07-07: Martin Skorupski 2021-07-14: John Keeney 2021-06-21: Martin Skorupski
00:06	Requirement	Timo Perala N.K. Shankaranarayanan	Requirement discussion from June 20 https://lists.onap.org/g/onap-requirements-sub/message/1985 - ONAP O-RAN integration - Reply by John Keeney - Followup: Likely to be postponed. See also https://lists.onap.org/g/onap-requirements-sub/message/1986
00:05	O-RAN-SC	O-RAN-SC PTLs	Status reports: ▪ Non-RT-RIC: John Keeney ▪ releasing the D-Release - final regression tests ▪ deployment in O-RAN-SC Lab ▪ link monitor app to be updated ▪ feedback by Kamel Idirworks 😊 ▪ Non-RT-RIC, OAM, SIM (O-RU, O-DU) 4 CPUs + 16GB better use 8CPU and 32GB ▪ TOC call today ▪ next week a vote for release ▪ SIM: Alex Stancu ▪ as discussed already 😊 ▪ OAM: Martin Skorupski ▪ Ready to create branch for D-Release ▪ O-DU: HariomGupta(HCL) ▪ integration into O-DU (high) working fine ▪ IPv6 into fully enabled ▪ expectation IPv4 as NetConf end-point working - but is not - HariomGupta(HCL) sending to Martin Skorupski

00:20	SMO deployment options	Christophe Closset	SMO deployment options - no tested helm for OAM in O-RAN-SC D-Release - idea update the one from C-release - for Non-RT-RIC a new helm is available - still some updates to be done - Please see presentation within  REQ-887 - Deliver ORAN SMO override IN PROGRESS Meeting? on Friday 6/25 https://lists.onap.org/g/onap-meetings/viewevent?repeatid=37969&eventid=1192141&calstart=2021-06-25 https://lists.onap.org/g/onap-meetings/viewevent?repeatid=37969&eventid=1192141&calstart=2021-06-25 bhanu chandra https://wiki.onap.org/pages/viewpage.action?pageId=103422272 (Updated afterward: Minutes & Recording: https://wiki.onap.org/display/Meetings/2021-06-25+Meeting+notes) - proposed by aarna - see email - TODO add link to wiki - proposal to use this time slot here Activity - kubernetes updates - issues with certs addressed - reuse of O-RAN-SC helm - Winriver lab <Martin Skorupski needed to leave. John Keeney continues minutes. See also: 2021-06-23 Meeting notes - Joint OAM / NONRTRIC / SIM SCRUM meeting > - REF: 2 Weeks ago: Proposal for an ONAP deployment specific for an ORAN SMO - Ref: https://jira.onap.org/browse/REQ-887 @Christophe : Meeting upcoming - Every Friday: https://lists.onap.org/g/onap-meetings/viewevent?repeatid=37969&eventid=1192141&calstart=2021-06-25 bhanu chandra https://wiki.onap.org/pages/viewpage.action?pageId=103422272 (Updated afterward: Minutes & Recording: https://wiki.onap.org/display/Meetings/2021-06-25+Meeting+notes) - Attempting to replicate functionality in OSC OAM/NONRTRIC/SIM demo - based on OSC charts. - Mainly updating charts etc. - Certs need updating - Will be testing in ONAP WindRiver lab - setup etc. Might be a good place to collaborate. - John Keeney Any update on how to reuse OSC & other external components? @Christophe, will be challenging in OOM, & need to reuse structure & some charts from OOM - John Keeney Any ideas where SMO would be different from "Full ONAP" @Christophe: Plan to start with OSC charts/flavour ... then depends on Usecases ... - Hope to be able to make use of the override files to create different flavours .. aiming for something similar to OSC version - Ref Closed loop use case & "D" Release - Closed Loop Use Case: Simulation of O-RU and O-DU & "D" - Closed Loop Use Case - John Keeney Probably need different versions for different usecases @Christophe ... OOM have this same idea to have multiple flavours. Discussion gets broader when non-ONAP components are added. @NK Shankar ... Should also consider SON and Slicing usecases. - John Keeney Recall that the OSC D release usecase is not real world ... and will mature in coming releases. Currently mostly treated as an integration requirements driver - Ref Closed loop use case & "D" Release - Closed Loop Use Case: Simulation of O-RU and O-DU & "D" - Closed Loop Use Case @Christophe @NK Shankar Need to consider diversity of DCAE components used. Also need to figure out how different simulators could co-exist. - Lets continue discussions on Friday Call?
00:48	<End>		
END			

00:00	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

