

2020-11-25 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting)

Date

25 Nov 2020 | 9am PST | noon EST | 17:00 UTC | 18:00 CET | 21:30 IST |

Zoom: <https://zoom.us/j/436210993>

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](#)
- [Fernando Oliveira](#) ★
- [Grzegorz Wielgosinski](#)
- [HariomGupta\(HCL\)](#) ★
- [Joachim Blixt](#) ★
- [Kamel Idir](#) ★
- [user-7f92d](#)
- [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 \(Ericsson\)](#) ★
- [emmanuel sarris](#)

Please add yourself. Thanks!

Discussion items

Time	Item	Who	Notes
00:00	Admin	Martin Skorupski	Next meetings: 2020-11-25: Martin Skorupski 2020-12-02: John Keeney 2020-12-09: Martin Skorupski 2020-12-16: ??? 2020-12-23: canceled 2020-12-30: canceled 2021-01-06: Martin Skorupski

Informed

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

See also

- [2020-11-25 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

link to the zoom ([mp4 format](#))

00:05	O-RAN-SC	O-RAN-SC PTLs	Status reports: ▪ SMO: ▪ demo for package validation ▪ ONAP VNF Testing: https://opnfv-dovetail.readthedocs.io/en/latest/testing/user/userguide/vnf_test_guide.html ▪ Maybe the link will be useful https://docs.onap.org/en/elalto/submodules/vnfsdk/model.git/docs/files/csar-validation.html ▪ Non-RT-RIC: ▪ demo next week for enrichment function (link to be added) ▪ test cases - more integration than function tests ▪ A1 policy to be released ... ▪ SIM: ▪ OAM: ▪ video for OAM use cases (FCaPS) for O-RAN-SC C Release
00:23	Use Case	Swaminathan Seetharaman	Use Cases Please see: Potential ONAP <-> O-RAN collaboration use cases AI: use case on O-RAN-SC towards ONAP
00:30	Closed loop	John Keeney	Use Case ◦ O-RAN-FH node (VES triggers O1 change) ▪ VES-fault-event ▪ you see it on DMaaP ▪ fault to DMaaP ▪ rApp (μService, app,???) via OAM config change (see POSTMAN scripts) • Next steps ◦ define the message flow and involved projects/components ◦ O-DU interface goes down - O-RU detects interface to O-DU is down and sends VES ◦ SMO should send message to O-DU to bring the interface back ◦ O1 - Near-RT-RIC (VES triggers A1 change) ▪ VES-fault-event ▪ you see it on DMaaP ▪ Non-RT-RIC rApp reads from DMaaP ▪ update A1 policy in Near-RT-RIC/xApp
00:50			Questions and Answers ▪ wiki for yang-validation in OSC LAB - instructions Alex Stancu- provide link
END			
Backup			
		@Mahesh	Application Package Structure • TOSCA Info from Michela Bevilacqua ▪ ONAP enhanced TOSCA ▪ API schema definition for YANG and VES On the agenda for next week - thanks!!! 😊 Zu Qiang (Ericsson) presenting ONAP on-boarding package -- CNF packaging and App packaging - seems there is some overlap?!?!?
			Questions and Answers • data model - from Bitbucket DM with 3GPP and O-RAN (draft - November train) • closed loop use case with A1 and O1 ◦ E2 sim functions may needed APP package implementation ▪ once the package spec is available - what would be the next steps?

END			
Backup			
00:10		Mahesh	Postman scripts to interface with the SMO and in turn test O1 interface between the SMO and different parts of O-RAN instances of O-CU, O-DU, O-RU and RIC using these models. • yang modules • framework for test and validate CM share content in in SMO gerrit and create wiki linking to the same source • Working on a framework for vendors for OAM/YANG tests • O-RAN-SC to host the framework • Postman and vsCode as RestClients • Alex about to setup a SIM in OSC lab - involve Rittwik in a O-RAN private lab • OpenFronthaul • 3GPP models are considered. Feedback from Rittwik • SMO in T-Labs • how to run Netopeer server - req to Felix (O-RAN-SC INT PTL) • Alex asked for VMs Init script (Postman) for O-RAN OAM FH M-Plane (o-ran-interface.yang augmenting) interface demoed RFC8040 (RestConf by IETF) support supported by ODL
00:25		Konrad Baka	Konrad is absent this week. The presentation will be made when Konrad is available. O-RAN Component deployment The question is: How to deploy the red colored CNFs/VNFs of the O-RAN-Architecture? ▪ CNF for O-RAN-components ▪ model of CNF - how to be configured, how many components, blueprints ▪ CDS model needs to be created ▪ Network-service based on several CNFs ▪ CNF types ▪ Near-RT-RIC ▪ O-CU-UP ▪ O-CU-CP ▪ O-DU For detailed discussion the following page was created: ▪ CNF deployment of O-RAN Components Package ▪ for Network Functions (priority) ▪ for Network Service (second step) CNFs or VNFs ▪ both should be considered ▪ let's start with CNFs first ▪ VNF is considered as additional option ▪ no CNFs and VNFs combined in a single package ▪ maybe not for rApps ▪ VNF should take care about internal CNFs

Action items

