

2021-11-10 Meeting notes (ONAP/O-RAN-SC/SMO - Meeting) - Agenda

10 Nov 2021 **17:00 UTC**, 09:00 PST, 12:00 EST, 17:00 GMT, **18:00 CET**, 19:00 EET, 22:30 IST, 01:00 CST (Thurs), 02:00 JST (Thurs)

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

Note: [Martin Skorupski](#) Couldn't join Today. [John Keeney](#) taking minutes.

Attendees

- [Alex Stancu](#) ★
- [Abhinav Singh](#)
- [Alessandro Gerardo D'Alessandro](#)
- [Amar Kapadia](#)
- [Amy Zwarico](#)
- [Andrea Buldorini](#)
- [Andy Mayer](#)
- [@Anh Le](#)
- [@Arnold Alvarado](#) ★
- [bhanu chandra](#)
- [Byung-Woo Jun](#)
- [Claudio David Gasparini](#)
- [Björn Magnusson](#)
- [Christophe Closset](#)
- [@David Kinsey](#)
- [Damian Nowak](#)
- [David Allabaugh](#) ★
- [bhanu chandra](#)
- [Dibas Das](#) ★
- [@Dmytro Gassanov](#)
- [@Doug Evans](#) ★
- [emmanuel sarris](#)
- [Fernando Oliveira](#) ★
- [Gervais-Martial Ngueko](#) ★
- [Grzegorz Wielgosinski](#)
- [HariomGupta\(HCL\)](#) ★
- [James Li](#) ★
- [Joachim Blixt](#)
- [John Keeney](#) ★
- [Kamel Idir](#)
- [Kevin Tang](#) ★
- [Kevin Timoney](#) ★
- [user-7f92d](#)
- [Konrad Baka](#)
- [Kuldeep Negi](#)
- [Lasse Kaihlavirta](#)
- [Lathishbabu Ganesan](#)
- [Manoj Nair](#)
- [Martin Skorupski](#)
- [Marcin Sebastian Krasowski](#) ★
- [Marcin Wilk](#)
- [NICHOLAS KARIMI MUIGAI](#)
- [Michela Bevilacqua](#)
- [Mateusz Zawadzki \(Samsung\)](#)
- [Michal Cmarada](#) ★
- [Neil Hoff](#) ★
- [N.K. Shankaranarayanan](#) ★
- [Paulo Costa](#)
- [Pawel Slowikowski](#) ★
- [Ruslan Kashapov](#)
- [Ryan McAllister](#) ★
- [Sonia Sangari](#) ★
- [Sébastien Determe](#) ★
- [Scott Blandford](#)
- [subhash kumar singh](#)
- [Swaminathan Seetharaman](#)
- [Timo Perala](#) ★

Informed

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

See also

- [2021-11-10 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 - Lo-Res \(MP4\)](#)

- [Tracy Van Brakle](#)
- [@Vidhu Pandey](#)
- [William Diego Maza](#)
- [Zu Qiang \(Ericsson\)](#)
- [Sven van der Meer](#)
- [Xin Miao](#) ★

Please add/remove yourself. Thanks!

Discussion items

Time	Item	Who	Notes
00:00	Admin	John Keeney Martin Skorupski	Next meetings: 2021-11-10: John Keeney (Martin is ooo) • 17:00 UTC, 09:00 PST, 12:00 EST, 17:00 GMT, 18:00 CET, 19:00 EET, 22:30 IST, 01:00 CST (Thurs), 02:00 JST (Thurs) ◦ Note: 1 hour later in Asia, revert to normal time in Europe. 2021-11-17: John Keeney 17:00 UTC • 17:00 UTC, 09:00 PST, 12:00 EST, 17:00 GMT, 18:00 CET, 19:00 EET, 22:30 IST, 01:00 CST (Thurs), 02:00 JST (Thurs) ◦ Note: Continues like this until mid March 2022. Summer Daylight Savings time eventually stabilizes to: 9am PDT 12pm EDT 16:00 UTC 17:00 BST 18:00 CEST 19:00 EEST 21:30 IST 00:00 CST (Thurs) 01:00 JST (Thurs) Winter (non-DST) time eventually stabilizes to: 9am PST 12pm EST 17:00 UTC 17:00 GMT 18:00 CET 19:00 EET 22:30 IST 01:00 CST (Thurs) 02:00 JST (Thurs) <i>(During WinterSummer DST changeover follow US time. SummerWinter DST changeover follow Europe time)</i> Please checkout the calendars: • https://lists.onap.org/g/onap-meetings/calendar • https://lists.o-ran-sc.org/g/main/calendar All Done talking about Daylight saving time until March 2022 !! 😊

00:05	O-RAN-SC	O-RAN-SC PTLs	O-RAN-SC ToC ▪ https://wiki.o-ran-sc.org/display/TOC#ORANSCTechnicalOversightCommittee(TOC) ▪ OSC Integration labs making progress but still not ready. (ref also INT topics below) ▪ E-Release "hurry-up" 😊 ▪ Code Freeze early Dec. ▪ Licensing - SCCL ▪ No much update - discussions on CLA continue Projects: ▪ Non-RT-RIC: John Keeney ▪ Continuing with data exposure from DMaaP (& from Kafka via SMO adapter https://gerrit.o-ran-sc.org/r/c/smo/ves/+6974) ▪ Still working on Helm Chart updates & aligning with IT/DEP charts (ref also SMO/Integration package /charts topic below) ▪ Getting started on O-DU-Slicing–Usecase "Link Monitor" rApp ▪ SIM: Alex Stancu ▪ On track for "O-DU Hello-World" Yang model & implementation ▪ OAM: Martin Skorupski ▪ @Martin OOO ▪ No Update - Yang models still under review - All comments ready to merge ? ▪ O-DU: HariomGupta(HCL) / @Vidhu. ▪ Successfully installed 3GPP Yang models ... & created an edit point ▪ Implementation for PM VES almost complete ▪ Working on Slice/Cell configuration ▪ Hoping for completion/review next week ▪ RSAC/SMO: @Rittwik ▪ James Li - Most discussion about O-DU high (Manasi Padhy) ▪ labs (clock etc) - nearly ready for deploy/test. ▪ Testing manual initially - move towards OTF F release. ▪ INT: James Li ▪ Working with Martin Skorupski, Sébastien Determe etc on it/dep SMO / environment charts - hoping for a finalised PR soon. ▪ integration test for nearRTRIC/nonrtrc integration - O1 & A1. ▪ A1 / Traffic steering app - re-enable A1? Also aim for an A1-EI integration test ▪ Met with Prof. Ray re progress on Taiwan lab & James' lab. Offering some help building up lab & work division. ▪ Working with Keysight (who helped already with 2 OTIC labs) re OSC lab in Silicon Valley.
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00:17	SMO/Integration package/charts	Sébastien Determe Christophe Closset	• Sébastien Determe ◦ Updated code for simulator configuration & topology (at runtime) ◦ SIM 137(?) : Fixed (No more need for IP at SIM set up https://jira.o-ran-sc.org/browse/SIM-77) ◦ New PR adding tests (https://gerrit.o-ran-sc.org/r/c/it/dep/+7015) ◦ Fixed verify Jenkins job ... had to remove Kong (temporary) - difficulty downloading. Discussing with LF. Ready to review now ... ▪ Follow up. ◦ First draft of Python test SDK (in PR#2 https://gerrit.o-ran-sc.org/r/c/it/dep/+7015) - uses ONAP Python library for ONAP component verification, with O-RAN updates. • ◦ Working through verify task (With Jessica in LF) ◦ More flexible deployment in charts - esp simulators - easier to have configurable number of simulators etc ◦ Issue with topology server ▪ Still investigating Will talk with Alex Stancu offline ◦ Working with James Li (as above) Issue may have been with Istanbul version? Currently updating ▪ Can chat easier easier on Slack ? e.g. on https://onaproject.slack.com/archives/C01K8CNUJA2 ◦ John Keeney Sébastien Determe Christophe Closset Alex Stancu will chat offline about merging NONRTRIC charts ◦ VES / OOM configuration for SDNC ongoing ... https://gerrit.onap.org/r/c/oom/+125150 updates and current status, challenges (if any 😊) ▪ POWDER lab (David) - is going to use the SMO package in the "profiles" ▪ SMO and SIMs are deployed as helm including configurations (topology) of the CNFs ▪ RU - callhome; fault ▪ DU - ves-pnfRegistration; fault ▪ next step ▪ test automation of E2E functions (python) Work in progress ▪ Pull request to O-RAN-SC it/dep gerrit in progress for helm and helm-overwrites ▪ PR opened (https://gerrit.o-ran-sc.org/r/c/it/dep/+6860) - but job-builder has its issues ▪ Xue is testing the end-to-end functions and updates of ONAP components (compared to the O-RAN-SC D-Release versions) ▪ more flexible deployment option Goal - replacement of existing helm PR on SDNC-OOM - for DCAE VES-Collector config - https://gerrit.onap.org/r/c/oom/+125150 new verify job is developed LFN issue then new PR for more functions and tests shared by NON-RT-RIC, and SDNC config for VES-Collector-END-Point
00:29	ONAP Use cases	N.K. Shankaranarayanan	• Slicing Use case: ◦ WIPRO lead & team stepping back somewhat ... (mail from Ahila: https://lists.onap.org/g/onap-tsc/topic/86928483#8256) ◦ Will be further discussed at Slicing Use Case team. ◦ Use case remains important for O-RAN Slicing discussions. • SON Use case: ◦ N.K. Shankaranarayanan presented SON Use case at Requirements committee ONAP Jakarta ▪ Jakarta release - functional requirements proposed list#5GOOFSONUseCase ▪ A1 action needs enforcement - touches on many aspects ▪ "rApp'ifying"/"R1-ifying" the use case? ▪ Continue to use as a requirements driver - platform, O1, SIM, A1, etc.. • "Sleeping Cell - A1 Enforcement Simulator" ◦ Possible to have as Use case for Jakarta ??? Running out of time for Jakarta. ◦ Offline call & further discussions needed probably. ◦ Pawel Slowikowski Already a PoC - Missing O1 parts - (RANSIM netconf) ▪ Maybe RANSIM capabilities here? Please Join SON use case call ... or talk offline. Want to make progress on A1 enhancements in ONAP Jakarta (Slicing / SON) • Will discuss on ONAP J usecases/requirements sub-committees next/coming weeks. ONAP RANSim vs OSC Simulators - Try bring together use cases across ONAP / OSC ? • ONAP RANSim based on Honeycomb, OSC O1 simulators based on Netopeer netconf servers (All OSC O1 simulators based on same platform) • Different simulators have different focus - some on use-case logic vs interface/connectors. • Will hopefully be easier to mix & match deployments / use cases / simulators across OSC and ONAP should be easier as SMO deployments become more modular & composable. • Note also Sleeping Cell Simulator from Samsung in ONAP Integration (Marcin Krasowski, Pawel Slowikowski, Mateusz Zawadzki)

00:40	O1 Models for R1	N.K. Shankaranarayanan	O1-CM Models over R1  STL-AO-2021-11-...n-O1-Input.pptx (Note, you may need to download and view offline if the content appears garbled) - For O1-CM enabling functions in R1, then R1 models should be based on O1 models - but probably need something more, extending main O1 model - "Primary Model & Secondary Models" - How is secondary model synced with primary model? E.g. In ONAP CPS the TBDMT function does this. - Expressiveness of mappings make make it possible/difficult to maintain such mappings ... or would richer logic be needed/possible? FFS. - Needs discussion in WG2 (R1 aspects) & WG10 (OAM/SMO aspects) - likely too late for November train at this stage 😞
00:56	End		
00:xx		John Keeney Martin Skorupski	O-RAN SC: Copying/Releasing helm charts in O-RAN-SC nexus repo https://jira.linuxfoundation.org/plugins/servlet/theme/portal/2/IT-22586 (maybe restricted access?!?) Status: canceled (Nexus does not support Helm chart distribution) Question from O-RAN-SC to ONAP: What is possible in ONAP nexus? Sébastien Determe: adds some info Idea: store the artifacts - instead of helm -  RELENG-3837 - [O-RAN] - Helm charts copy and release SELECTED FOR DEVELOPMENT Christophe Closset: ONAP on the way to move for helm charts to gitlab....

Action items

