

2020-05-15 Meeting notes

Date

15 May 2020

Attendees

- [N.K. Shankaranarayanan](#)
- [Pramod Jamkhedkar](#)
- [Reshmasree c](#)
- [Jeff Hartley](#)
- [Junfeng Wang](#)
- [Benjamin Cheung](#)
- [Joanne Liu Rudel](#)
- [Junfeng Wang](#)
- [Shankaranarayanan Puzhavakath Narayanan](#)
- [Swaminathan Seetharaman](#)
- [Sandeep Shah](#)
- [krishna moorthy](#)
- [Melanie Sater](#)

Goals

Discussion items

Item	Who	Notes
Rel 6 Integration Testing	Reshma	Many bugs and issues have been fixed. Thanks to Reshma, Sandeep and others. SDNC and DMaaP issues have been resolved. Link to Integration testing page: xx Outstanding issue: <ol style="list-style-type: none">1. Netconf mount on Honeycomb is working. Getting 404 error for netconf config message.2. Have to test for Deny message for second CL from Policy.3. Lack of extra VM for RAN Sim. Can have limited number of RAN Sim nodes.
Rel 7 planning		We have requested to present to ArchComm on 5/26. Major points related to architecture <ol style="list-style-type: none">1. Dependency on C&PS - C&PS team has consensus that initial implementation in R7 will meet needs of SON use case.2. Dependency on ORAN - In order to prevent major code changes, we need pre-standard version of O-1, VES formats, yang models3. Policy - Include Defer from CLC (high priority), Separate Drools instance (depends on Policy)4. Modeling - Cell lifecycle - Assume cell addition etc is not part of ONAP. We can assume that data on list of cells is available to C&PS.5. Incorporating ML-based use case. See last item.
R7 Wiki page		Guilin (R7) - Use Cases (and Requirements in Use Cases) . Need to add OOF-SON in this page. Use the "Template" Use Case Tracking Template
Incorporating ML-based SON use cases		Thanks to Vijay and Shankar PN who are PTLs or DCAE and OOF who joined the call. We discussed high-level guidance about incorporating ML-based SON use cases. Consensus was that training of models should be done outside ONAP, and likely to be offline. ONAP use cases should focus on demonstrating how an ML-trained model can be onboarded. This can be done as a recommendation model in OOF, and also as a DCAE MS which leverages work done in Frankfurt for the Acumos-DCAE Adapter. See link: Acumos DCAE Integration Guidance for new use case discussions: Generation of data and training of ML-model must be done outside ONAP separately. ONAP SON solution should include: pre-trained model, source (e.g. enhancement to RANSim) of data needed to apply the pre-trained model. See this paper for a discussion of SON use cases and references for work applying different ML approaches to SON problems. https://arxiv.org/pdf/1707.09300.pdf

Action items

- Reshma - netconf debugging email
- Swami - write to Pam re. Policy