

# 2020-05-15 Meeting notes

## Date

15 May 2020

## Attendees

- [N.K. Shankaranarayanan](#)
- [Pramod Jankhedkar](#)
- [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	<p>Many bugs and issues have been fixed. Thanks to Reshma, Sandeep and others. SDNC and DMaaP issues have been resolved.</p> <p>Link to Integration testing page: <a href="#">xx</a></p> <p>Outstanding issue:</p> <ol style="list-style-type: none"><li>1. Netconf mount on Honeycomb is working. Getting 404 error for netconf config message.</li><li>2. Have to test for Deny message for second CL from Policy.</li><li>3. Lack of extra VM for RAN Sim. Can have limited number of RAN Sim nodes.</li></ol>
Rel 7 planning		<p>We have requested to present to ArchComm on 5/26. Major points related to architecture</p> <ol style="list-style-type: none"><li>1. Dependency on C&amp;PS - C&amp;PS team has consensus that initial implementation in R7 will meet needs of SON use case.</li><li>2. Dependency on ORAN - In order to prevent major code changes, we need pre-standard version of O-1, VES formats, yang models</li><li>3. Policy - Include Defer from CLC (high priority), Separate Drools instance (depends on Policy)</li><li>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&amp;PS.</li><li>5. Incorporating ML-based use case. See last item.</li></ol>
R7 Wiki page		<p><a href="#">Guilin (R7) - Use Cases (and Requirements in Use Cases)</a> . Need to add OOF-SON in this page.</p> <p>Use the "Template" <a href="#">Use Case Tracking Template</a></p>
Incorporating ML-based SON use cases		<p>Thanks to Vijay and Shankar PN who are PTLs or DCAE and OOF who joined the call.</p> <p>We discussed high-level guidance about incorporating ML-based SON use cases.</p> <p>Consensus was that training of models should be done outside ONAP, and likely to be offline.</p> <p>ONAP use cases should focus on demonstrating how an ML-trained model can be onboarded.</p> <p>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: <a href="#">Acumos DCAE Integration</a></p> <p>Guidance for new use case discussions:</p> <p>Generation of data and training of ML-model must be done outside ONAP separately.</p> <p>ONAP SON solution should include: pre-trained model, source (e.g. enhancement to RANSim) of data needed to apply the pre-trained model.</p> <p>See this paper for a discussion of SON use cases and references for work applying different ML approaches to SON problems.</p> <p><a href="https://arxiv.org/pdf/1707.09300.pdf">https://arxiv.org/pdf/1707.09300.pdf</a></p>

## Action items

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