

# Use Case Realization Call: April 17, 2019

## Date

17 Apr 2019

## Attendees

- [Benjamin Cheung](#)
- [Min Sang Yoon](#)
- [Oskar Malm](#)
- [Floyd Goldstein](#)
- [Melanie Sater](#)
- [yaoguang wang](#)
- [Fei Zhang](#)
- [Steve Polston](#)
- [Tracy Van Brakle](#)
- [Tim Carey](#)
- [Shankar Satyanarayanan](#)

## Goals

## Discussion items

| Time | Item                                                                                          | Who                                    | Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------|-----------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | R5 El Alto<br>Cadence<br>Release<br>Proposal<br><br>(EUAG /<br>End-User<br>Advisory<br>Group) | <a href="#">Catherine Lefèvre</a>      | <a href="https://wiki.lfnetworking.org/display/LN/EUAG+2019-04-09+meeting+minutes">https://wiki.lfnetworking.org/display/LN/EUAG+2019-04-09+meeting+minutes</a><br><br>Summary: The R5 El Alto release could be shortened<br><br>and focus on internal (tech) debt and defect backlogs.<br><br>A proposed release cycle is presented.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|      | R4/Dublin<br>(M4<br>Milestone<br>/RC0)<br><br>April 25                                        | <a href="#">Benjamin Cheung</a>        | Release Candidate 0 - RCs are to ensure proper alignment and execution on End 2 End Release Test Cases and End 2 End functional Test Cases.<br><br>Project Team focused its effort on:<br><br><ol style="list-style-type: none"><li>1. supporting integration testing (complete Health Check and Pair Wise Testing)</li><li>2. closing high priority defects</li><li>3. supporting Documentation team</li></ol><br>R4 Dublin Release Planning Wiki: <a href="#">Release Planning</a><br><br>Score Card: M4 <a href="#">Dublin Release Requirements</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|      | PLATFORM<br>TOPICS:<br><br>Controller to<br>NF<br>Association                                 | <a href="#">Benjamin Cheung</a>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|      | PLATFORM<br>TOPICS:<br><br>Data<br>Persistency                                                | <a href="#">N.K. Shankaranarayanan</a> | Work for ConfigDB, not merged in R4<br><br>Dan Timoney moved to R5, one Jira for ConfigDB. One issue about merging.<br><br>ONAP code added can take a test ONAP deployment to have the ConfigDB work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|      | PLATFORM<br>TOPICS:<br><br>Controller<br>LCM API<br>Evolution                                 | <a href="#">Oskar Malm</a>             | <a href="https://wiki.onap.org/download/attachments/50202249/2019-04-09%20ONAP_LCM_API_Evolution_EI_Alto.pptx?api=v2">https://wiki.onap.org/download/attachments/50202249/2019-04-09%20ONAP_LCM_API_Evolution_EI_Alto.pptx?api=v2</a><br><br>Goals (Architecture Evolution)<br><ul style="list-style-type: none"><li>• Target is common LCM API in CCSDK usable by different controller personas to simplify for both clients and controller implementations</li><li>• Support PNFs for applicable LCM operations in a consistent way</li><li>• Enable use of CDS blueprint processor to customize behavior of LCM operations in the 'self-service' category<ul style="list-style-type: none"><li>◦ In ONAP R4, CDS can be used for pre/post-instantiation configuration. Generic and model-driven design should allow CDS usage to be extended for additional operations and use cases.</li></ul></li><li>• Evolution steps that preserve backwards compatibility for clients</li></ul><br>Present at the Arch S/C Apr 9 (Tue) second presentation. |

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| USE CASES:<br>BBS U/C<br>Evolution                   | <a href="#">David Perez Caparros</a><br><a href="#">Tim Carey</a>                                                                                                                   | <p>San Jose presented proposals for next release for R5/R6.</p> <p>Slide set linked in R5 proposed U/C.</p> <p>List of proposals &amp; functional requirements.</p> <ol style="list-style-type: none"> <li>1. Change Service - want to use ONAP platform.</li> <li>2. Full Closed Loop for Fault Management - CLAMP.</li> <li>3. Service Update API (SO) - will be developed</li> </ol> <p><a href="https://wiki.onap.org/download/attachments/60887504/BBS_R5_v1.pptx?version=1&amp;modificationDate=1554180715000&amp;api=v2">https://wiki.onap.org/download/attachments/60887504/BBS_R5_v1.pptx?version=1&amp;modificationDate=1554180715000&amp;api=v2</a></p> |
| USE CASES /5G:<br><br>PM<br>Dictionary<br>/FM MD GUI | <a href="#">Marge Hillis</a>                                                                                                                                                        | FM META DATA & PM DICTIONARY in R5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| USE CASES /5G:<br><br>Preonboardin<br>g/Onboarding   | <a href="#">Benjamin Cheung</a><br><a href="#">Michela Bevilacqua</a><br><a href="#">Zu Qiang (Ericsson)</a>                                                                        | PNF PREONBOARDING / ONBOARDING in R5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| USE CASES:<br><br>Splitting up<br>PNF & 5G U<br>/Cs  | <a href="#">Benjamin Cheung</a><br><a href="#">Alla Goldner</a>                                                                                                                     | <p>R5 EI Alto Use Case Page:</p> <p><a href="#">Release 6 (Frankfurt) proposed use cases and functional requirements</a></p> <p>A new General PNF Use Case Page was created</p> <p><a href="https://wiki.onap.org/pages/resumedraft.action?draftId=60892496&amp;draftShareId=8c48e706-ad4f-464d-84a9-273af806571f">https://wiki.onap.org/pages/resumedraft.action?draftId=60892496&amp;draftShareId=8c48e706-ad4f-464d-84a9-273af806571f</a></p> <p>Alla will discuss creating new pages for</p> <p>Mobile Service Chaining (KDDI): <a href="#">MOBILE SERVICE CHAINING</a></p> <p>IoT Service Creation</p>                                                        |
| USE CASES:<br>Modeling<br>gNB/5G RAN                 | <a href="#">Thinh Nguyenphu</a><br><a href="#">Tracy Van Brakle</a>                                                                                                                 | <p>Align, harmonize, reconcile various information models to ONAP model:</p> <p>Expand &amp; verify model and harmonize with the ONAP internal information &amp; data model:</p> <p>ETSI SOL001 ... 007 with ONAP internal Model</p> <p>PNFD modeling (Model S/C)</p> <p>5G Model (3GPP)</p> <p>ORAN (WGs)</p> <p>Open ROADM (reconfig optical add/drop multiplexer)</p> <p>ONF</p> <p>ISOMII</p> <p>OTCC (Optical transport config &amp; control)</p> <p>- Use Cases that need transport models need some model consistency.</p> <p>- Try a Use Case with extended ONAP model &amp; real equipment.</p>                                                           |
| Arch S/C<br>PNF POB<br>/OB Flow                      | <a href="#">Use Case Realization Call: April 17, 2019</a><br><a href="#">Use Case Realization Call: April 17, 2019</a><br><a href="#">Use Case Realization Call: April 17, 2019</a> | <p>Arch S/C Information Flows:</p> <p><a href="#">Dublin ONAP Information Flows</a></p> <p>New Information flow for Preonboarding/Onboarding xNF packages/resources.</p> <p><a href="#">ARCHCOM: InfoFlow - RunTime Config DB Information Flow</a></p>                                                                                                                                                                                                                                                                                                                                                                                                             |
| A&AI -<br>Model<br>Browser                           | <a href="#">James Forsyth</a>                                                                                                                                                       | <p>Modeling S/C decompose the A&amp;AI data model</p> <p>A&amp;AI developer Model Browser</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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|  | NEXT /<br>UPCOMING<br>Presentation<br><br>Edge<br>Deployment | <a href="#">ramki<br/>krishnan</a>   | Ramki will be presenting on Edge Deployments in upcoming meetings (contacted)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | O-RAN<br>Modeling &<br>alignment<br>with ONAP                | <a href="#">Tracy Van<br/>Brakle</a> | <p>work with Open RAN alliance availability of 3GPP baseline (that vendor &amp; operators agreed upon) add to ONAPs information model and expand existing management I/F for CM management.</p> <p>want to plug them into ONAP and facilitate the 5G and other use cases working these open I/F specifications. For EI Alto WG-1,3,6. Configuration management NetConf YANG specification derived from info model aligned w/ 3GPP RM &amp; existing 3GPP info-model. Papyrus. Which 5G U/C good candidates verification w/ evolving model. PNF PnP/OOF?</p> <p>Near Real Time RIC. WG-4 open Front Haul.</p> <p>In PCI/SON U/C - the SDN-R Interaction w/ RAN simulator is Netconf/YANG based. In R5 we could see what parts of the model would come from ORAN.</p> <p>Attributes similar with LTE. 5G Architecture evolution.</p> |

## RECORDING

| RECORDING        | FILE                                                                                                |
|------------------|-----------------------------------------------------------------------------------------------------|
| Audio Only (M4A) | <br>audio_only.m4a |
| Zoom_0 (MP4)     | <br>zoom_0.mp4   |

Playback (M3U)



playback.m3u

### Action items

