

Use Case Realization Call: June 19, 2019

Date

19 Jun 2019

Attendees

- Benjamin Cheung
- Vimal Begwani
- Floyd Goldstein
- Albino Pinho
- Rebecca Lantz
- Rakesh Sinha
- David Perez Caparros
- Anurag Sharma
- James Forsyth
- Min Sang Yoon
- yaoguang wang
- Marge Hillis
- Fred Feisullin
- Fei Zhang
- N.K. Shankaranarayanan

Table of Key Presentations/Overviews

DATE	TOPIC	PRESENTER	DESCRIPTION
Apr 10, 2019	Controller LCM API Evolution	Oskar Malm	• Target is common LCM API in CCSDK usable by different controller personas to simplify for both clients and controller implementations • Support PNFs for applicable LCM operations in a consistent way • Enable use of CDS blueprint processor to customize behavior of LCM operations in the 'self-service' category ◦ 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. • Evolution steps that preserve backwards compatibility for clients https://wiki.onap.org/download/attachments/50202249/2019-04-09%20ONAP_LCM_API_Evolution_EI_Alto.pptx?api=v2
May 1, 2019	A&AI GraphVisualizer	Pavel Paroulek	Visualizer for A&AI Model Layout Use Case Realization Call: May 1, 2019
May 8, 2019	A&AI Model Browser, Sparky	James Forsyth	A&AI developer Model Browser to navigate and viewing attributes, object types & edge view Recording & Slides: Use Case Realization Call: May 8, 2019
May 15, 2019	A&AI Run Time Browser (Sparky)	Giulio Graziani	A&AI Run-Time Browser
May 22, 2019	Edge Automation Overview	ramki krishnan	Central & Distributed Edge ONAP configuration. Topics include: Onboarding, Instantiation, Edge Orchestration, A&AI, Architecture, Work-flows, Multi-Tenancy Use Case Realization Call: May 22, 2019
May 29, 2019	Modeling S/C , Use Case Project Teams, Architecture S/C Way of Working	Benjamin Cheung	Model S/C (Sub committee) contributions page: Modeling sub-committee Contributions https://wiki.onap.org/display/DW/Proposed+ONAP+Release+Process+Updates+for+Information+and+Data+Modeling
Jun 5, 2019	Use Case slides for Dev. Forum	Benjamin Cheung	Use Case Realization Call: June 5, 2019
Jun 12, 2019	(No Meeting)	Developer's Forum	(No Meeting)
Jun 19, 2019			

Jun 26, 2019	PNF Software Upgrade	Zu Qiang (Ericsson) Ulas Kozat	

Discussion items

Time	Item	Who	Notes
	Business Drivers	Benjam in Cheung	Discussion of Business Imperatives added to Use Case Pages From U/C S/C call on Monday May 6 See example from PNF PNP and PNF Pre-onboarding/onboarding 5G - PNF Plug and Play PNF PREONBOARDING / ONBOARDING in R6 Frankfurt BUSINESS DRIVERS TEMPLATE: Business Driver Template for Use Cases
	R5 EI Alto Cadence Release Proposal (EUAG / End-User Advisory Group)	Benjam in Cheung	https://wiki.lfnetworking.org/display/LN/EUAG+2019-04-09+meeting+minutes Summary: The R5 EI Alto release could be shortened and focus on internal (tech) debt and defect backlogs. A proposed release cycle is presented. EI-Alto Release Requirements
	Agile Process vs Waterfall Process		Will ONAP move to a an Agile Sprint-based process vs Waterfall Process
	R4/Dublin (RC2) May 30, 2019	Benjam in Cheung	Release Candidate 0 - End 2 End Release Test Cases and End 2 End functional Test Cases. Project Team focused its effort on: 1. TESTING - integration testing (complete Health Check and Pair Wise Testing) 2. DEFECTS - closing high priority defects 3. DOCS - supporting Documentation team R4 Dublin Release Planning Wiki: Release Planning Score Card: M4 Dublin Release Requirements testing & Integration status: Dublin Release Integration Testing Status RC2 passed (TSC Jun 6 2019)
	PLATFORM TOPICS: Controller to NF Association	Benjam in Cheung	R5/R6 Topic See Slides Nov 6, 2018. Development of Controller to NF assignment association S/W. USE CASE REALIZATION MEETING (Notes 2018-11-6) Ctrl-NF
	PLATFORM TOPICS: Data Persistency	N.K. Shankarayan	STATUS: Work for ConfigDB completed, not merged in R4 Dan Timoney moved to R5, one Jira for ConfigDB. One issue about merging. ONAP code added can take a test ONAP deployment to have the ConfigDB work. USE CASE REALIZATION MEETING (Notes 2019-01-30) U/C Cross-Interaction, Persistency
	PLATFORM TOPICS: Controller LCM API Evolution	Oskar Malm	https://wiki.onap.org/download/attachments/50202249/2019-04-09%20ONAP_LCM_API_Evolution_EI_Alto.pptx?api=v2 Goals (Architecture Evolution) • Target is common LCM API in CCSDK usable by different controller personas to simplify for both clients and controller implementations • Support PNFs for applicable LCM operations in a consistent way • Enable use of CDS blueprint processor to customize behavior of LCM operations in the 'self-service' category ◦ 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. • Evolution steps that preserve backwards compatibility for clients Present at the Arch S/C Apr 9 (Tue) second presentation.

USE CASES: BBS U/C Evolution	David Perez Caparr os Tim Carey Chaker Al- Hakim	BBS Evolution - Slide set linked in R6 proposed U/C. List of proposals & functional requirements. 1. Change Service - want to use ONAP platform. 2. Full Closed Loop for Fault Management - CLAMP. 3. Service Update API (SO) - will be developed https://wiki.onap.org/download/attachments/60887504/BBS_R5_v1.pptx?version=1&modificationDate=1554180715000&api=v2
USE CASES/5G: PM Dictionary/FM MD GUI	Marge Hillis	FM META DATA & PM DICTIONARY in R5
USE CASES/5G: Preonboarding /Onboarding	Benjam in Cheung Zu Qiang (Ericss on) Michela Bevilac qua	PNF PREONBOARDING / ONBOARDING in R5
USE CASES: Modeling gNB/5G RAN	Thinh Nguyen phu Benjam in Cheung Melanie Sater Tracy Van Brakle	Align, harmonize, reconcile various information models to ONAP model: Expand & verify model and harmonize with the ONAP internal information & data model: ETSI SOL001 ... 007 with ONAP internal Model PNFD modeling (Model S/C) 5G Model (3GPP) ORAN (WGs) Open ROADM (reconfig optical add/drop multiplexer) ONF ISOMII OTCC (Optical transport config & control) - Use Cases that need transport models need some model consistency. - Try a Use Case with extended ONAP model & real equipment.
Arch S/C PNF POB/OB Flow	Benjam in Cheung	Arch S/C Information Flows: Draft ONAP Information Flows New Information flow for Preonboarding/Onboarding xNF packages/resources. ARCHCOM: InfoFlow - Onboard Resource into SDC Flow
A&AI - Model Browser	James Forsyth	A&AI updates - presentation given Jun 5 2019 about new views being developed in A&AI. Recording - 2019-06-05 AAI Meeting Notes graphgraph + model browsers. (Pavel in progress)
IoT Service Creation	Atul Purohit	IoT Create Services on 5G 5G Use Cases in R6 Frankfurt June 19, 2019

O-RAN Modeling & alignment with ONAP	Tracy Van Brakle Melanie Sater	work with Open RAN alliance availability of 3GPP baseline (that vendor & operators agreed upon) add to ONAPs information model and expand existing management I/F for CM management. want to plug them into ONAP and facilitate the 5G and other use cases working these open I/F specifications. For El Alto WG-1,3,6. Configuration management NetConf YANG specification derived from info model aligned w/ 3GPP RM & existing 3GPP info-model. Papyrus. Which 5G U/C good candidates verification w/ evolving model. PNF PnP/OOF? Near Real Time RIC. WG-4 open Front Haul. 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 May 15 2019 Update: Early stage information model that pre-dates O-RAN and was used for PCI use case with ONAP rel 2 Beijing is being carried forward to O-RAN O1 CM interface specification; refer to https://wiki.onap.org/download/attachments/28382769/RAN_Info_Model_Rel_0.pptx?api=v2 Attributes similar with LTE. 5G Architecture evolution.
New Use Case in 5G for RAN Standards harmonization with ONAP	Marge Hillis Vimal Begwani Fred Feisullin	- Orchestration at the Edge. - A1/O1/E2 communications. Edge to ENBs, Telemetry. - E2 will not have this info. O1 is I/F for PM counts. Not a management I/F. - WG3 (ORAN) is defining this. - ONAP w/ O1. Changes w/ O1 interface. - How to satisfy A1/O1 and in what time-frame. - U/C ORAN - ONAP harmonization. 3GPP ORAN ONAP. - Starting a new U/C in 5G. Marge, Vimal, Fred Feisullin - Edge inventory & topology. Transport BH consideration w/ real-time near-RT aspects - Akraino. MEC. Edge automation (Ramki). Use Case WIKI: MOBILITY STANDARDS HARMONIZATION WITH ONAP
New Use Case in 5G for Licensing Management	Timo Perala	New U/C added to the 5G Use Cases for Licensing Management Use case Wiki: LICENSING MANAGEMENT
OOF/PCI	N.K. Shankaranarayanan	PoC U/C will happen in WinLab. to meet time lines do those parts in Wind river focusing on DCAE, Policy and OOF. Jira SDN-C (Dan Timoney) pushed El Alto (the Maintenance Release).
Developers Forum (R5 /R6) Sweden		https://wiki.lfnetworking.org/display/LN/June+2019+LFN+DDF+Schedule

SUPPORTING DOCUMENTATION

Document	File
R6 Use Case Analysis & Cross-Interaction Matrix	 R6Frankfurt-Use...19Jn2019v1.xlsx

RECORDING

Recording	FILE
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Zoom Video & Audio (MP4)



zoom_0.mp4

Audio Only (M4A)



audio_only.m4a

Playback (M3U)



playback.m3u

Chat (Txt)



chat.txt



meeting_saved_chat.txt

Action items

