

Use Case Realization Call: May 8, 2019

Date

08 May 2019

Attendees

- Benjamin Cheung
- Enbo Wang
- Oskar Malm
- Floyd Goldstein
- Zu Qiang (Ericsson)
- Joanne Liu Rudel
- James Forsyth
- Pavel Paroulek
- Keong Lim
- Sirisha Gopigiri
- Tracy Van Brakle
- Min Sang Yoon
- Rishi Tandon
- yaoguang wang

Goals

Table of Key Presentations/Overviews

Date	Presentation	Presenter	Description, Recording
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 GraphGraph Visualizer	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
May 15, 2019	Edge Automation Overview	ramki krishnan	
May 22, 2019	IoT Creation Overview	Atul Purohit	
			Sparky - Run Time A&AI Browser

Discussion items

Time	Item	Who	Notes
	Business Drivers	Benjamin 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/VNF PREONBOARDING / ONBOARDING in R6 Frankfurt

R5 EI Alto Cadence Release Proposal (EUAG / End-User Advisory Group)	Benjamin Chenuing	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. Apr 18, TSC called a Vote for resolution of R5 release Apr 29 Vote resolved R5 = Maintenance Release
R4 /Dublin (RC0) May 2, 2019	Benjamin Chenuing	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
PLATFORM TOPICS: Controller to NF Association	Benjamin Chenuing	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 Persistence	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	Osakar 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 Caparros 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/FMD GUI	Marge Hillis	FM META DATA & PM DICTIONARY in R5

USE CASES /5G: Preonboarding /Onboarding	Benjamin Chenuing ZuQiang (Ericsson) Michaela Belavicka	PNF PREONBOARDING / ONBOARDING in R5
USE CASES: Splitting up PNF & 5G U /Cs	Benjamin Chenuing	R5 EI Alto Use Case Page: Release 5 (EI Alto) proposed use cases and functional requirements A new General PNF Use Case Page was created https://wiki.onap.org/pages/resumedraft.action?draftId=60892496&draftShareId=8c48e706-ad4f-464d-84a9-273af806571f Alla will discuss creating new pages for Mobile Service Chaining (KDDI): MOBILE SERVICE CHAINING IoT Service Creation
USE CASES: Modeling 5G RAN	Thinh Nguyenphu Benjamin Chenuing	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. Follow-up Call Tue Apr 30, 2019
Arch S /C PNF POB /OB Flow	Benjamin Chenuing	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 Forst	Modeling S/C decompose the A&AI data model A&AI developer Model Browser (Interface Jimmy wrote to navigate viewing object types & edge view - releasing attributes) complementary to GraphGraph (visualizing layout). UML show relationships between objects in the OXM. If you take the relationship list object (java type) end up with connections to everything else. An overwhelming diagram that it is too much to absorb. Can't see it and visualize it, too big and too much stuff to be useful. In A&AI team a way to present the data a view of the schema and edge rules (vertex types) in the graph modeled as java-types in OXM to give a mapping to allow you to look at it w/o having to look at all the ways it is connected together. As that's the challenge in A&AI w/ 15k endpoints when you map 15k on a screen it is too much. Shows containment, edges and ability to dig into the properties assigned on each Javatype. Model Browser - Questions about Schema, go to CGI easier to look at attributes what's searchable, indexed, key. describing a vertex that in the schema & edge rules but hard to see it. text representation of the vertex and attributes. consolidated view and to/from. Sparky the Run-Time Browser

NEXT / UPCO MING Present ation (Mid- May) Edge Deploy ment	Ramki Krishnan	Ramki will be presenting on Edge Deployments in upcoming meetings (contacted) Mid-May after Arch presentation
IoT Service Creation	Atul Purohit	IoT Create Services on 5G 5G Use Cases in R6 Frankfurt May 22, 2019
O-RAN Modeli ng & alignm ent with ONAP	Tracy Van Brakle	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. Attributes similar with LTE. 5G Architecture evolution.
OOF /PCI	N. K. Shankaranarayanan	PoC U/C will happen in WinLab. to meet time lines do those parts in Windriver focusing on DCAE, Policy and OOF. Code still need to be integrated. Jira SDN-C (Dan Timoney) pushed El Alto (the Maintenance Release).

SUPPORTING FILES

Presentation	File
Model Browser Demo (presented by James Forsyth) Presentation Screen Snapshots:	 ModelBrowser-Sparky.pptx

RECORDING

Recording	File
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Audio Only



audio_only.m4a

Zoom Recording
(MP4)



zoom_0.mp4

Playback M3U



playback.m3u

Chat (Txt)



chat.txt



meeting_saved_chat.txt

Action items

