

Use Case Realization Call: March 4, 2020

Date

04 Mar 2020

Attendees

- Benjamin Cheung (Nokia)
- Junfeng Wang
- Lukasz Rajewski
- Sofia Wallin
- Timo Perala
- Swaminathan Seetharaman
- Zu Qiang (Ericsson)
- David McBride
- Joanne Liu Rudel
- Jessica Wagantall
- Vimal Begwani
- Chuanyu Chen
- Marci Haas
- Lin Meng
- Marge Hillis
- Albino Pinho
- Rebecca Lantz
- Raghavan Subramanian
- Maleni
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DISCUSSION ITEMS LOG

C t g ry	Item	Who	Notes

M e e t i n g N o t e s D i s c u s s i o n	Discussion Notes from 04 Mar 2020		
	(from Marge Hillis)		
	Agenda		
	David McBride---M4 Requirements discussion Sylvia ---introduction to the ReadtheDocs and its evolution. M4 Requirements https://wiki.onap.org/display/DW/Frankfurt+Release+Requirements David reviewed the requirements and what he needs for the M4. Several folks had follow on questions: How do I mark my requirement if I am moving part of it out? Requirements can be scaled back even later in the release if we need to extend some of the work into subsequent releases. We need to be as accurate as possible in filling out the score card. Need to be clear when a requirement is being descoped and need to be clear on the existing status of the requirement as it is documented and include notes if some things will be de-scoped e.g. if you are moving some things out but haven't done it yet you are probably yellow not green and you should put in notes saying the parts you can't do and that you intend to move them to the Guilin release. If a requirement is moved do we have to get approval or can we assume its ok for the next release e.g. if move from Frankfurt is approval for Guilin automatic? The answer was no you have to communicate to the architectural subcommittee and let them know that Frankfurt scope was reduced and you want to be able to add it to Guilin. They will probably accept this but you have to review We were not sure what the Use Case Action item was that you wanted David to discuss. He suggested we re-schedule that. READ THE DOCS Sylvia provided an over view of the plans for the evolution of material from the WIKI to the read the docs site. The reason for making this evolution in documentation is to provide an easier more organized way to find official information. Much information will remain on the WIKI but critical Use Case information as it matures and stabilizes needs to move to the ReadTheDocs. A task force is being started to evaluate what material should move from the WIKI. One of the members of the audience (I didn't catch the name) showed some examples of issues they were facing and with the difficulty in getting items to the Read the Docs. Sylvia acknowledged that the documentation is a little sparse and that they are working on improving the documentation guidelines. I asked if they might prepare a tutorial that they could film and post with the guidelines showing folks how to do some of the basic things and then providing resources for questions. Sylvia seemed very willing to do that. She said that they plan to have a Hackathon to improve the documentation and info on the hackathon is below. If anyone from the use case realization team is interested in participating or perhaps in being a beta contributor to move a use case using their new documentation and tools she would very much welcome that. Let her know if you want to get involved. She is also willing to come back to your project utilization call and provide updates on their progress with the idea that perhaps we can partner to start to move use cases. https://wiki.onap.org/display/DW/March+11th+Documentation+Hackathon A gentleman from Orange told us that the scale out use case is an excellent example of the sort of documentation we are looking for. Below is a link to that Use Case. He went through a bit of it and it seemed very impressive. Good example of use cases is https://docs.onap.org/en/latest/submodules/integration.git/docs/docs_scaleout.html		
P l t f m	PLATFORM TOPICS: Controller to NF Association	Benjamin Cheung	See Slides Nov 6, 2018. Development of Controller to NF assignment association S/W. CDS, VF-C, APP-C, SDN-R, SDN-C; will the CCSDK "merging" of controllers happen in R6? USE CASE REALIZATION MEETING (Notes 2018-11-6) Ctrl-NF
U s e C a s e	PLATFORM TOPICS: Data Persistency, RunTime DB	N.K. Shankara narayanan Joanne Liu Rudel Benjamin Cheung	RunTime Config DB is now a R6 use case : USE CASE REALIZATION MEETING (Notes 2019-01-30) U/C Cross-Interaction, Persistency CONFIGURATION PERSISTENCE SERVICE R6 Jan 22 - CMNotify; SA5 3GPP Meeting. CMNotify domain. VES Event spec 7.1.1. Alok Gupta has not updated the VES event. On a leave of absence (Hip surgery). CMNotify is going to be done by Nokia. Sync with Sandeep Shah
P l t f m	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.

U s e C a s e s	USE CASE/5G: RAN (ORAN-3GPP) 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
U s e C a s e s	USE CASE/5G: Licensing Management	Timo Perala Samuli Kuusela	New U/C added to the 5G Use Cases Wiki: LICENSING MANAGEMENT (Oct 8 2019) Arch Samuli presented on Licensing Management. Modeling work: ONAP R6 Modeling High Level Requirements Kevin Skaggs Proposed Licensing Platform Model
U s e C a s e s	USE CASE/5G: OOF / SON / PCI	N.K. Shankara narayanan	PoC for December 2019? SDN-R south-bound NetConf I/F w/ model and also integration with Runtime DB work.
U s e C a s e s	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
U s e C a s e s	USE CASES/5G: PM Dictionary/FM MD GUI	Marge Hillis	FM META DATA & PM DICTIONARY in R5
U s e C a s e s	USE CASES/5G: PNF S/W Upgrade	Zu Qiang (Ericsson) yaoguang wang	PNF software upgrade in R6 Frankfurt
U s e C a s e s	USE CASES/5G: Preonboarding /Onboarding	Benjamin Cheung Zu Qiang (Ericsson) Michela Bevilacqua	PNF PREONBOARDING / ONBOARDING in R5 VNF-SDK Artifact package security
U s e C a s e s	USE CASES: IoT Service Creation	Atul Purohit	IoT Create Services on 5G 5G Use Cases in R6 Frankfurt June 19, 2019

U s e C a s e s	USE CASES: Modeling gNB/5G RAN	Thinh Nguyenphu Benjamin Cheung Melanie Sater Tracy Van Brakle Martin Skorupski Kevin Scaggs	Align & harmonize information models to ONAP model and ONAP internal information & data model: ETSI SOL001 ... 007 with ONAP internal Model, PNFD modeling (Model S/C), 5G Model (3GPP , RAN), ORAN (WGs, RAN), Open ROADM (reconfig optical add/drop multiplexer, Optical), ONF (Optical), ISOMII (Optical), OTCC (Optical transport config & control)
U s e C a s e s	USE CASES: 5G NRM (Network Resource Model) Configuration	yaoguang wang	June 2019 LFN DDF, titled as '5G Provisioning management service to NRM' Presentation: 5G Network Resource Model (NRM) Configuration in R6 Frankfurt
U s e C a s e s	USE CASES: PNF / Plug and Play	Benjamin Cheung	PNF Plug and Play M2/ 22 Jan 2020 - Pending  REQ-140 - Create Client, Plugin using Client and mechanisms for using CMPv2 as a CA. DONE - CMPv2 Security enhancements to AAF (Netconf & PM impacts also).
A r c h	Architecture S/C PNF POB/OB Flow	Benjamin 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
T S C	TSC: PoC Definition	Benjamin Cheung Alla Goldner	POC definition
T S C	TSC/USE CASES: Test Automation Progress	Benjamin Cheung Alla Goldner	Use Case Test Automation Action Items: Use case subcommittee to reach the Dublin use case owner to provide the following information. what's the current percentage of testing automation regarding your use case and functional requirements; what will be the plan to be 100% and constraints (resources availability etc.)
R e l e a s e T r a c k i n g	R6 Frankfurt / M2	All Team Members	Use Case Tracking Template Need the U/C teams to fill out the Dev. Impacts. More Generalized Use Case Template (discussed w/ Model team): Use Case Tracking Template and Use Case Template Frankfurt Release Requirements
D e m o s P l u g - f e s t	Demo Plugfest	Tracy Van Brakle Marci Haas Martin Skorupski	POC & Plugfest in End June 2020 WINLAB? A1/O1 ORAN & ONAP Joint Plugfest Panel Discussion - ? / Maybe in January-February Setup. Bronze Release. / Slicing, Heart Beat-Health Check

A r c h i t e c t u r e T o p i c s	Architecture Topics	All Team Memebbers	Architecture Component Descriptions: ONAP Architecture Component Description - Dublin Architecture Flows: Dublin ONAP Information Flows
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Frankfurt Release Requirements

KEY PRESENTATIONS & OVERVIEWS & RECORDINGS

List of U/C Realization calls from R6 U/C Wiki: [Release 6 \(Frankfurt\) proposed use cases and functional requirements](#)

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 & Discussion	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, Use Case & Arch 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
July 10, 2019	R6: PNF Software Upgrade	Zu Qiang (Ericsson) Ulas Kozak yaoguang wang	ONAP Read the Docs/R4 Announcements WIKI: PNF software upgrade in R6 Frankfurt Overview & Presentation
July 24, 2019	R6: OOF/SON PCI Use Case Demo	NK Shankar	OOF / PCI / SON Use Case Discussion and Overview
07 Aug 2019	5G NRM Configuration U/C Overview	yaoguang wang	5G NRM (Network Resource Model) Configuration U/C Overview & Presentation
14 Aug 2019	ORAN Standards Harmonization	Marge Hillis Vimal Begwani	ORAN Standards Harmonization U/C Overview & Presentation
21 Aug 2019	Modeling S/C guidelines & Use Case Interactions	Andy Mayer Hui Deng	Modeling S/C Process Wiki: Proposed ONAP Release Process Updates for Information and Data Modeling with Use Case Tracking Template and Use Case Template R6 Modeling Req Plan wiki: ONAP R6 Modeling High Level Requirements
04 Sep 2019	Licensing Management Overview	Timo Perala Samuli Kuusela	Introduction of Licensing Management in R6

11 Sep 2019	SDC & R6 Use Case Impacts Discussion	Ofir Sonsino	Discussion with SDC PTL Ofir w/ the Use Case Teams and SDC commitments. See the summary Table for SDC impacting Use Cases.
18 Sep 2019	VID & R6 U/C Discuss	Ittay Stern Use Case Teams	Discussion with VID PTL (Ittay Stern) for R6 Use Case Impacts discussion and commitments for VID impacting Use Cases Preparing slides for Use Cases at the Technical Conference Antwerp (for 5G/PNF use cases)
25 Sep 2019	A&AI & R6 Use Case Impacts Discussion	James Forsyth	Discussion with A&AI PTL (Jimmy Forsyth) and Chandra Cinthala for R6 A&AI Use Case Impacts discussion and commitments. Use Case Realization Call: September 25, 2019
02 Oct 2019	DCAE & R6 Use Case Impacts Discussion	Vijay Venkatesh Kumar	Discussion with DCAE PTL (Vijay Kumar) for R6 Use Case Impacts discussion and commitments for DCAE impacting Use Cases
09 Oct 2019	M1 U/C discussion	Use Case Teams	R6 M1 Deadline (Oct 10 2019) M1 Checklist: Deliverables for Planning Milestone Checklist Template READ THE DOCS: http://onap.readthedocs.io/en/latest/guides/onap-developer/developing/index.html > USER GUIDES > Verified Use Cases and discussion with A&AI (James Forsyth) continuing discussion from Sept 25. Network Slicing has two proposals in R6 (LIN MENG CMCC and Swaminathan Seetharaman). Need to align the two proposals and present at Use Case S/C meeting (Alla G.) and TSC and Architecture next week Oct 14.
16 Oct 2019	PoC Planning & Discussion	Tracy Van Brakle	Combination Plugfest & PoC 1st week of December bringing together subset of ONAP modules as SMO (svc mgmt orchestration) layer w/ other artifacts from ORAN S/W (LF). LF will publicize. Planned June 2020. Co-Demo discussion Nokia & Ericsson: Plug Fest Planning Discussion Oct 28, 2019
23 Oct 2019	RunTime Config DB (Data Persistency)	Benjamin Cheung Joanne Liu Rudel Sandeep Shah	Discussion of the RunTime DB Use Case in R6 Frankfurt which introduces a Common Service Data Layer for a data lake to store configuration and operational parameters. Component & Flows: ARC RunTime DB Component Description - R6 Frankfurt ARCHCOM: InfoFlow - RunTime Config DB Information Flow CONFIGURATION PERSISTENCE SERVICE R6
30 Oct 2019	OOF & R6 Use Case Impacts Discussion	Shankar PN	Discussion with OOF PTL (Shankaranarayanan Puzhavakath Narayanan) for R6 Use Case Impacts discussion and technical details for OOF impacting Use Cases
06 Nov 2019	SO & R6 Use Case Impacts Discussion	Seshu Kumar Mudiganti	Discussion with SO PTL (Seshu Kumar) for R6 Use Case Impacts discussion and commitments.
13 Nov 2019	PoC Planning & Discussion	Tracy Van Brakle	Sync up on the Dec 5, 2019 ORAN/ONAP PlugFest & Demo
20 Nov 2019	Network Slicing	Swaminathan Seetharaman LIN MENG Shankar PN	CMCC-Huawei-Tencent & Wipro-ATT-Amdocs joint Network Slicing proposal
27 Nov 2019	No Meeting	No Meeting	
04 Dec 2019	MDONS	Xin Miao	Presentation and discussion of Multi-domain Optical Network Services
11 Dec 2019	Ctlr & R6 U/C Impacts	Dan Timoney	Discussion with Controller (APP-C, SDN-C) PTL (Dan Timoney) for R6 Use Case Impacts to Controller project. A technical discussion, Q&A, and U/C analysis. Recap of ONAP/ORAN Plugfest (Dec 5)
18 Dec 2019 25 Dec 2019 01 Jan 2020	No Meeting	No Meeting	No meeting end of December due to Holidays & Vacations
08 Jan 2020	Use Case Discussion	Use Case Teams	M2 Discussion
15 Jan 2020	No Meeting	No Meeting	No meeting due to Prague DDF
22 Jan 2020	M2/M3 Discussion	Use Case Teams	M2/M3 Deadline Discussion

29 Jan 2020	5G Service Modeling	Benjamin Cheung	5G RAN SERVICE MODELING & DEFINITION in R6 Frankfurt
05 Feb 2020			
12 Feb 2020	Network Slicing Presentation & Discussion	Swaminathan Seetharaman	Refined Network Slicing Presentation & Discussion
Jan or Feb	Release Manager Discussion	David McBride	Discussion with David McBride of the Linux Foundation, the R6 Release Manager regarding practices, wiki page updates, Jira dashboard and what is a use case? Release development process moving waterfall > agile/sprint Release Planning: Frankfurt Frankfurt Release Requirements
x, 2020	CC-SDK and E2E Automation	Yuriy Malakov	CC-SDK & E2E Automation
April / May	Way of Working Process	Benjamin Cheung	Process for Modeling WoW and development with Architecture & Modeling. Proposed ONAP Release Process Updates for Information and Data Modeling
?	PNF Plug & Play w/ SO	user-063b3	PNF Plug and Play SO BPMN Work-flows to Building Blocks (BB)
Jan or Feb	Documentation Projects	Sofia Wallin	Process ReadtheDocs
March	Discussion of Use Case Template for R7	Andy Mayer Scott Blandford	Filling out, describing and creating the Wiki for a Use Case Use Case Tracking Template and Use Case Template Proposed Functional Template for Use Cases
March/April	ORAN Bronze Rel & ONAP Plugfest Planning	Marci Haas Tracy Van Brakle	Planning for ORAN Bronze Rel & ONAP Plugfest Planning

SUPPORTING DOCUMENTATION

Document	File

RECORDING for U/C Realization

Recording	FILE
Zoom Video & Audio (MP4)	? Unknown Attachment
Audio Only (M4A)	? Unknown Attachment
Playback (M3U)	? Unknown Attachment
Chat (Txt)	