

Use Case Realization Call: November 06, 2019

Date

06 Nov 2019

Attendees

- Benjamin Cheung
- Vimal Begwani
- Seshu Kumar Mudiganti
- Xin Miao
- Dongho Kim
- Fei Zhang
- John Quilty
- Prabhu Balan
- Swaminathan Seetharaman
- yaoguang wang
- Oskar Malm
- Sandeep Shah
- Fernando Oliveira
- Melanie Sater
- Marci Haas
- Gerard Hynes
- Fari Behi
- Raghavan Subramanian
- N.K. Shankaranarayanan

DISCUSSION ITEMS LOG

Ct gry	Item	Who	Notes
Pltfm	PLATFORM TOPICS: Controller to NF Association	Benjamin Cheung	R5/R6 Topic 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
Pltfm	PLATFORM TOPICS: Data Persistency, RunTime DB	N.K. Shankara narayanan Joanne Liu Rudel Benjamin Cheung	STATUS: Work for RunTime DB completed, not merged in R4 Dan Timoney moved to R5, one Jira for RunTime DB . 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 CONFIGURATION PERSISTENCE SERVICE R6
Pltfm	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) <ul style="list-style-type: none">• 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<ul style="list-style-type: none">◦ 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	USE CASE/5G: RAN (ORAN-3GPP) Standards harmonization with ONAP	Marge Hillis Vimal Begwani Fred Feisullin	<ul style="list-style-type: none"> 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). <p>Use Case Wiki: MOBILITY STANDARDS HARMONIZATION WITH ONAP</p>
Use Cases	USE CASE/5G: Licensing Management	Timo Perala Samuli Kuusela	<p>New U/C added to the 5G Use Cases for Licensing Management</p> <p>Use case Wiki: LICENSING MANAGEMENT</p> <p>(Oct 8 2019) Arch Samuli presented on Licensing Management. Object development. Modeling S/C.</p> <p>Modeling work: ONAP R6 Modeling High Level Requirements</p>
Use Cases	USE CASE/5G: OOF / SON / PCI	N.K. Shankara narayanan	<p>PoC for December 2019?</p> <p>SDN-R south-bound NetConf I/F w/ model</p> <p>and also integration with Runtime DB work.</p>
Use Cases	USE CASES: BBS U/C Evolution	David Perez Caparros Tim Carey Chaker Al-Hakim	<p>BBS Evolution - Slide set linked in R6 proposed U/C. List of proposals & functional requirements.</p> <ol style="list-style-type: none"> Change Service - want to use ONAP platform. Full Closed Loop for Fault Management - CLAMP. Service Update API (SO) - will be developed <p>https://wiki.onap.org/download/attachments/60887504/BBS_R5_v1.pptx?version=1&modificationDate=1554180715000&api=v2</p>
Use Cases	USE CASES/5G: PM Dictionary/FM MD GUI	Marge Hillis	FM META DATA & PM DICTIONARY in R5
Use Cases	USE CASES/5G: PNF S/W Upgrade	Zu Qiang (Ericsson) yaoguang wang	PNF software upgrade in R6 Frankfurt
Use Cases	USE CASES/5G: Preonboarding /Onboarding	Benjamin Cheung Zu Qiang (Ericsson) Michela Bevilacqua	PNF PREONBOARDING / ONBOARDING in R5
Use Cases	USE CASES: IoT Service Creation	Atul Purohit	<p>IoT Create Services on 5G</p> <p>5G Use Cases in R6 Frankfurt</p> <p>June 19, 2019</p>
Use Cases	USE CASES: Modeling gNB/5G RAN	Thinh Nguyenphu Benjamin Cheung Melanie Sater Tracy Van Brakle Martin Skorupski	<p>Align & harmonize information models to ONAP model and ONAP internal information & data model:</p> <p>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)</p>

Use Cases	USE CASES: 5G NRM (Network Resource Model) Configuration	yaoguang wang	June 2019 LFN DDF, titled as '5G Provisioning management service to NRM' (Oct 9 2019) Presented at CDS team and discussed with Yuriy and Seshu; presented at Resource Modeling S/C. Slides will be updated and re-presented. 5G Network Resource Model (NRM) Configuration in R6 Frankfurt
Arch	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
TSC	TSC: PoC Definition	Benjamin Cheung Alla Goldner	POC definition
TSC	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.)
	R6 Frankfurt / M1		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

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	<ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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.
18 Dec 2019	No Meeting	No Meeting	No meeting end of December due to Holidays & Vacations
25 Dec 2019			
x, 2019	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
x, 2019	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 Planning: Frankfurt Frankfurt Release Requirements

SO USE CASE IMPACTS FOR R6

Frankfurt Release Requirements

PNF / Preonboarding Onboarding	<p>Wiki Page: PNF/VNF PREONBOARDING / ONBOARDING in R6 Frankfurt</p> <p>SUMMARY: No Impact</p>
PNF / Plug and Play	<p>Wiki Page: PNF PLUG and PLAY in R6 Frankfurt</p> <p>Use Case Spreadsheet: Indicates Impact</p> <p>Frankfurt Release Requirements : Indicates Impact</p> <p>WIKI:</p> <ul style="list-style-type: none"> E#3a: Change to the onboarding (definition) of the BPMN workflow. To bring war file with the workflow (is it a large or small refactoring) - QUESTION: "small" would keep the current approach custom BPMN, also discussion about moving to a new framework. A large impact would be moving to a new framework. Will the custom BPMN be "deprecated" or will it will be supported fully? E#3b: Migrate existing workflows to existing building blocks. Trying to change the existing BPMN logic, make it more generic make it as a "building block" concept. Makes SO more abstract re-usable way to handle onboarding; current steps are rigid and tightly bound trying to make it on-demand. Not all BPMN will be affected, just the PNF-related BPMN W/Fs will be impacted. The current logic will change - getting building based concept. BPMN BB is a concept of how you "write" the BPMNs. Need to sync on the VID implementation of 5G VID Instantiation/orchestration. VCPE also wants to use these building blocks. This was originally identified before R5 El Alto but was pushed to R6. <p>SUMMARY: E#3a: Change to the onboarding (definition) of the BPMN workflow. (SO-1838)</p> <p>E#3b: Migrate existing workflows to existing building blocks. (SO-1838)</p> <p>ACTION: 06 Nov 2019 Seshu Kumar Mudiganti create a new story to make it more explicit</p> <div> <input checked="" type="checkbox"/> SO-1838 - PNF handling refactoring: Generic support for multiple domain CLOSED (Task) </div>

PNF / PNF Software Upgrade using direct Netconf/Yang interface with PNF

 **REQ-84 - PNF Software Upgrade using direct Netconf /Yang interface with PNF** DONE


Wiki Page: [PNF software upgrade in R6 Frankfurt](#)

[Frankfurt Release Requirements](#) : Indicates Impact

This is one of the PNF upgrade scenarios. Also includes development of some common functionality used by the other PNF upgrade scenarios.

Use case with all scenarios was presented at the SO meeting. Question (Seshu) regarding resources/workforce how many people will be working on this? joint commitment Ericsson & Huawei. Multiple people working on the U/C but don't know how division of labor yet. Want people E2E, from coding through integration. We have seen in SO is lacking in integration/test. When committing resources would be nice to have E2E commitment. Would like to have post M4 (RC0-RC2) support.


Expectation: Need to plan for different types of testing/bug fixing. Fwd'd to team. Question Seshu: asking how many people? Answer: 06 Nov 2019 not defined, there is a team expect enough resources. Seshu: problem when moving resources across teams, tech different and expectations different. expertise is insufficient across projects. To finish this need to identify people asap; Oskar: there is one experienced person with SO.


06 Nov 2019 [yaoguang wang](#) new API impacts in SO. Talked with [Zu Qiang \(Ericsson\)](#) in SO will provide new PNF custom W/F API. North-bound API to trigger PNF work-flow. Use existing W/Fs? Same principle as for VNFs. Look at the url will see PNF instead of VNF. CM requirements for PNF S/W upgrade. There is already W/F API for VNF. Propose to add a **NEW API for PNF**. Will discuss before M2.  **SO-2074** - SO API extension to support PNF Upgrade CLOSED

WIKI:


- Support generic PNF CM workflow, including SO building block shall be extended to support PNF LCM actions
- SO API extension: PNF software upgrade with target software version
- SO BB for downloadNESw, activateNESw, preCheck, postCheck
- API (LCM or CDS SS) selection within the same BB


SUMMARY: -


 **SO-2070** - a generic decision points for API CLOSED


 **SO-2074** - SO API extension to support PNF Upgrade CLOSED

 **SO-2072** - Support PNF CM workflow execution CLOSED


 **SO-2073** - Create a new SO building blocks - postCheck CLOSED

 **SO-2094** - Create new SO building blocks - activateNESw CLOSED

 **SO-2090** - SO-CDS PNF Building Blocks back-end impl CLOSED

 **SO-2089** - Create a new SO building block - preCheck CLOSED


PNF / Enable Schema Update once PNF software is updated

 **REQ-88 - Enable PNF software version at onboarding** DONE

Wiki Page: [PNF software upgrade in R6 Frankfurt](#)

There is no SO impact for this requirement in Frankfurt.

PNF / Enhancement on PNF Software Upgrade with EM with Ansible






 **REQ-53 - Enhancement on PNF S/W Upgrade with EM with Ansible** DONE


Wiki Page: [PNF software upgrade in R6 Frankfurt](#)


[Frankfurt Release Requirements](#) : Indicates Impact

This is one of the PNF upgrade scenarios.

SO development committed by Huawei.

<p>PNF / PNF Software Upgrade with EM with Netconf</p> <div>  REQ-96 - PNF S/W Upgrade with Netconf/yang with EM DONE </div>	<p>Wiki Page: PNF software upgrade in R6 Frankfurt</p> <p>Frankfurt Release Requirements : Indicates Impact</p> <p>This is one of the PNF upgrade scenarios.</p> <p>SO development committed by Huawei.</p>
<p>PNF / Configuration with NETCONF/ Secure Communication between xNFs and ONAP</p> <div>  REQ-76 - NETCO NF/TLS Certificate Management DONE </div>	<p>Wiki Page: Configuration with NETCONF in Frankfurt/R6</p> <p>Test only, no SO development in R6 for this feature.</p> <p>For integration e2e test case, the latest PNF workflow will be used. It is possible that this WF will be updated by other release requirements during R6 development.</p>
<p>5G / 5G Service Modeling</p>	<p>Wiki Page: 5G RAN SERVICE MODELING & DEFINITION in R6 Frankfurt</p> <p>The platform information model may impact SO as SO consumes the model.</p> <p>SUMMARY: Need to investigate if model changes will impact SO consumption of the model. Ben will send Seshu presentation made to the modeling sub-committee. 28 Oct 2019</p>
<p>5G / Bulk PM / PM Control</p> <div>  REQ-129 - PM Control Support DONE </div>	<p>Wiki Page: 5G Bulk PM in Frankfurt/R6</p> <p>Frankfurt Release Requirements : Indicates Impact</p> <p>WIKI: Workflow shall update status attribute in AAI when the VNF/PNF instance has been fully instantiated. Will have dependency/connection.</p> <p>For PNFs there might be a gap.</p> <p>- QUESTION: (Marci Haas) This is a Use Case in December 5, 2019 to be demoed, are we on track? ANSWER: the new functionality will not be in the December Demo.</p> <ul style="list-style-type: none"> orchestration-status is main candidate At least for PNFs it is expected that the SO workflow must be updated to set this attribute (Jira issue defined) <p>SUMMARY: There might be a dependency on the SO refactoring (See PnP U/C Epic #3a/#3b)</p> <div>  SO-2399 - Update PNF instance attributes in AAI during instantiation (PnP) workflow CLOSED </div>
<p>5G / PM Dictionary</p>	<p>Wiki Page: FM META DATA & PM DICTIONARY in R6 Frankfurt</p> <p>SUMMARY: No Impact</p>
<p>5G / 5G FM Meta Data</p>	<p>Wiki Page: FM META DATA & PM DICTIONARY in R6 Frankfurt</p> <p>SUMMARY: No Impact</p>
<p>5G / OOF SON (PCI)</p>	<p>Wiki Page: OOF (SON) in R5 El Alto, OOF (SON) in R6 Frankfurt</p> <p>SUMMARY: No Impact</p>
<p>5G / E2E Network Slicing</p>	<p>Wiki Page: NETWORK SLICING PoC in R6 Frankfurt (Obsolete)</p> <p>Frankfurt Release Requirements : Indicates Impact</p> <p>WIKI: Original scope has undergone some changes, Swaminathan Seetharaman will discuss with SO the impacts.</p> <ul style="list-style-type: none"> Enhance Request handler with Network Slicing instantiation Workflow for recursive service instantiation Handling of shared / dedicated services Store slice catalog items <p>SUMMARY: Impacts</p> <div>  SO-2284 - SO support of Network Slicing Demo in Frankfurt CLOSED </div> <p>(Epic)</p> <p>need to create additional Jira, ... there is an Epic, and will need to create a story.</p>

5G / RAN ORAN 3GPP Standards Harmonization	<p>Wiki Page: MOBILITY STANDARDS HARMONIZATION WITH ONAP</p> <p>SUMMARY: No Impact</p>
5G / Runtime Config DB , Data Persistency U/C	<p>Wiki Page: 5G CONFIGURATION (RunTime DB)</p> <p>Use Case Spreadsheet: Indicates Impact</p> <p>WIKI: Wiki Indicates No Impact</p> <p>SUMMARY: -</p>
5G / NRM CM w/ RESTful HTTPS	<p>Wiki Page: 5G Network Resource Model (NRM) Configuration in R6 Frankfurt</p> <p>Frankfurt Release Requirements : Indicates Impact</p> <p>WIKI:</p> <ul style="list-style-type: none"> • New BBs coding for PnP instantiation • Enhance related workflowSpecifications API • Add new NB API for instance management for pnf • add workflow for modify/delete/query NRM config • Enhance related workflowSpecifications API: • New NB API to trigger the custom workflow: • Enhance configuration related BB to support NRM Configuration (*NOT* additional API): • New native specific workflows(*NOT* additional API): <p>SUMMARY: Need some additional offline meetings with yaoguang wang</p>
5G / Licensing Management	<p>Wiki Page: LICENSING MANAGEMENT</p> <p>SUMMARY: No Impact, Modeling & architecture work only for R6.</p>
SERVICE RESOLVER	<p>Wiki Page: Service Resolver</p> <p>Seshu has discussion w/ the U/C team. Know the impacts. SO has impact but it is not in scope for R6; SO changes will be in a future release.</p> <p>SUMMARY: changes Out of scope for R6</p>
SCALING	<p>Wiki Page: Scaling Use Case (Frankfurt)</p> <p>Frankfurt Release Requirements: Indicates Impact</p> <p>WIKI:</p> <ul style="list-style-type: none"> • CDS Actor Selection for Scale Out Use case (TechM) <p>SUMMARY: Wiki indicates Seshu has committed. No Jira created yet.</p> <p>Yuriy Malakov may have already created tickets for this (check)</p> <p>Benjamin Cheung Seshu Kumar Mudiganti Scale out with CDS Actor JIRA is</p> <div>  SO-2346 - SO to support CDS Actor for ScaleoutBB CLOSED </div>
Mobile Service Chaining & Service Selection	<p>Wiki Page: MOBILE SERVICE CHAINING</p> <p>SUMMARY: -</p>
BBS	<p>Wiki Page: BBS Broadband Service Use Case (Frankfurt)</p> <p>Use Case Spreadsheet: Indicates Impact</p> <p>WIKI: Needs Investigation. Wiki page needs work.</p> <p>SUMMARY: Needs Investigation. Seshu says there is no commitment right now for this U/C</p> <p>Potential outage Chaker Al-Hakim . Scope is undefined. Not decided what will happen in R6 release.</p> <p>Update from David Perez Caparros: BBS use case will focus on bug fixes and documentation in R6, as reported during the last F2F use case subcommittee meeting in Antwerp.</p>

CCVPN	<p>Wiki Page: CCVPN Use Case in Frankfurt Release</p> <p>Use Case Spreadsheet: Indicates Impact</p> <p>Frankfurt Release Requirements: ELINE Service over OTN NNI Indicates Test only</p> <p>WIKI: Needs Investigation. Wiki page isn't clear per Project Impacts.</p> <p>Xin Miao - 06 Nov 2019 ASAIK there is no SO change. Confirm with Henry Yu (Huawei).</p> <p>SUMMARY: Needs to confirm with Henry Yu</p> <p>There will likely be a Testing Effort (ELINE)</p>
Control Loop	<p>Wiki Page: Control Loop Sub Committee Frankfurt Release Planning</p> <p>Use Case Spreadsheet: Indicates Impact</p> <p>WIKI: Event based Common API for Control Loop Operations, scaleup/scaledown instantiation and PNF PNP. Event based Common Notification messaging format for Control Loop Operations</p> <p>APPC, SO, SDNC, VFC and SDNR to implement support of message and their flow from Policy</p> <p>SUMMARY: Seshu Kumar Mudiganti has no commitment.</p> <p>Potential Outage - Wiki Page indicates SO impact.</p>
Multi Domain Optical Service L0/L1 Orchestration	<p>Wiki Page: Multi-domain Optical Network Services</p> <p>Use Case Spreadsheet: Indicates Impact</p> <p>WIKI:</p> <p>Alignment (done): 3rd party ODM would change on 2 of BPMN. Need coordination. 3PODM post-poned (to R7) changed, thus only this MDOSL0L1O U/C will impact.</p> <p>Question: <i>will refactoring affect this U/C?</i> Answer: From Seshu: The refactoring is focused on PNF; thus it will NOT affect this U/C. BBS, VCPE & HPA will be affected.</p> <p>Question: <i>Interaction with CCVPN use case and how will that affect your U/C?</i> services not in place, have you talked to the CCVPN team; the extension doesn't have impact on SO in this release. This U/C is a SUB-use case of CCVPN. Detail alignment on resource modeling. CCVPN has a subU/C about e-line service orchestration. Thus alignment needs to happen between these two use cases. Code for CCVPN will be REUSED by this U/C, just make modification on those existing. Are you expecting SO interaction? Yes, the BPMN flows.</p> <p>Question: What are the two BPMN flows > the diagrams are in: Multi-domain Optical Network Services ; last time what you showed SO was a functional flow but not a BPMN change. Seshu wants to know the actual BPMN change. The two BPMN flow custom create end-to-end service instance. other is delete. Reuse these flows but to make some enhancements. there isn't a new or change in the W/F needed. We have to reuse existing flow and make model/configuration changes.</p> <p>SUMMARY: Can meet off-line with Xin Miao</p> <div data-bbox="380 1329 1208 1371">  SO-2432 - Multi-domain Optical Network Service Orchestration Support in SO CLOSED </div>
CHANGE MANAGEMENT	<p>Wiki Page: Change Management Frankfurt Extensions</p> <p>Use Case Spreadsheet: Indicates Impact</p> <p>WIKI:</p> <ul style="list-style-type: none"> • Wish List • Workflow as Independent Artifact • Support Service Level Workflows <p>Email from Lukasz Rajewski : "can you please add Change Management use case to the agenda, at least the items/REQ I am responsible for in Frankfurt: REQ-182, REQ-187, REQ-191"</p> <p>SUMMARY: Seshu Kumar Mudiganti had a discussion Architecture Meeting but need follow-up.</p>
HPA	<p>Wiki Page: Continuation of HPA</p> <p>Frankfurt Release Requirements: Indicates Test-Only</p> <p>WIKI: Unclear, Wiki needs work.</p> <p>SUMMARY: Test only.</p>

RUN TIME SECURITY	<p>Wiki Page: Run time Security using ISTIO - as a POC</p> <p>WIKI:</p> <ul style="list-style-type: none"> ISTIO-ingress and MetalLB for ingress connections (connections to Multi-Cloud project from other projects) – Secure at least with one project (SO) and non-secure with others. <p>SUMMARY: Needs Investigation. Seshu Kumar Mudiganti is unaware of this change.</p> <p>contact Srinivasa Addepalli</p>
K8S Based Cloud Region Support	<p>Wiki Page: K8S based Cloud region support (Continue from R4)</p> <p>Use Case Spreadsheet: Indicates Impact</p> <p>Frankfurt Release Requirements : Indicates Test Only</p> <p>WIKI:</p> <ul style="list-style-type: none"> All the changes are expected to be done in Multi-Cloud project. We don't expect any changes to API exposed by Multi-Cloud to the SO. Also, there are no changes expected in SDC to Multi-Cloud interface. All the work that was done SDC and SO will be good enough in R6. There are some suggestions from the community to make "K8S workload support" as first class citizen and that may require changes to SDC and SO. But that is not planned for R6. <p>SUMMARY: Confirm Test only. Confirmed by Seshu.</p>
DAaaS	<p>Wiki Page: Distributed Analytics as a Service (Continuation from R4)</p> <p>Use Case Spreadsheet: Indicates Impact</p> <p>WIKI: Needs work.</p> <p>SUMMARY: Needs investigation. Seshu Kumar Mudiganti is not aware of this impact.</p>
3rd Party Operational Domain Manager	<p>Wiki Page: Third-party Operational Domain Manager</p> <p>Use Case Spreadsheet: Indicates Test Only</p> <p>Frankfurt Release Requirements: Doesn't indicate anything</p> <p>WIKI:</p> <ul style="list-style-type: none"> Catalog Sync Interaction - (Step 5) where SO pulls SDC catalog details. ORDER ACTIVATION FLOW - Steps 8, 9, 12 SDC Service Distribution - SO Impact Flow for Service Instantiation <p>SUMMARY: Impacts. Test only? Confirm. Need investigation. Only doing design time; run-time is not started. Contact Nishi Mathur (Telstra)</p>

PREDISCUSSION CALL (OCT 31 2019)



A prediscussion call for the Nov 6, 2019 U/C Realization call was held with Seshu to discuss the SO impacts for R6 Use Cases.

ATTENDEES


- [Benjamin Cheung](#)
- [Xin Miao](#)
- [Oskar Malm](#)
- [Prabhu Balan](#)
- [Stavros Kanarakis](#)
- [Fei Zhang](#)
- [Seshu Kumar Mudiganti](#)
- [Timo Perala](#)





SUPPORTING DOCUMENTATION

Document	File

Use Case Realization Tracking Spreadsheet	 R6Frankfurt-Use...Sept2019v4.xlsx
SO refactoring BPMN workflow (slides from Lukasz Grech)	
Multi Domain Optical Services L0/L1 orchestration (link to ppt slides) - Xin Miao	 MDONS_ONAP_R6_...acts_v0.11.pdf

RECORDING for Pre-Meeting Oct 31, 2019

Recording	FILE
Zoom Video & Audio (MP4)	 zoom_0.mp4

Audio Only (M4A)	 <p>audio_only.m4a</p>	
Playback (M3U)	 <p>playback.m3u</p>	
Chat (Txt)	 <p>chat.txt</p>	 <p>meeting_saved_chat.txt</p>

RECORDING for U/C Realization Nov 6, 2019

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