Use Case Realization Call

- **Use Case Realization Overviews & Tasks**

Benjamin Cheung

January 26, 2021 version 1

Managing / Developing / Coordinating Release Portal Page

Information sharing across Use Cases Interdependencies

Coordinating and Developing Use Case Overview Table

Process / Way of Working for U/C teams

Coordinate Use Case Overviews with release updates

Coordinating Specific Discussions per topic / release basis / on demand vDDF, Requirements Call (Alla)

Platform Component discussions With Use Case teams

5G Specific discussions & topics

Managing / Developing / Coordinating Release Portal Page

DESCRIPTION: Each release there is a portal page that describes the use cases in detail. This task entails:

- Reaching out to the Use Case teams to make them aware of the portal page
- Help them in creating the pages with same look & feel.
- Create the release "Base" Page. That others can clone
- Updating the PTLs after nominations.
- Updating the portal page framework.

LINK: https://wiki.onap.org/pages/viewpage.action?pageId=92996235

Dashboard / Developer Wiki / Architecture   747 views   Edit   Save for later   Watching   Share

R8 Honolulu Use Cases & Requirements
Created by Benjamin Cheung, last modified on Jan 20, 2021

The following page describes the major use cases and key requirements targeted to the Honolulu Release

HISTORY OF USE CASE PORTAL PAGES

RELEASE	WIKI PAGE
R6 Frankfurt Release Use Case Portal	Release 6 (Frankfurt) proposed use cases and functional requirements
R7 Guilin Release Use Case Portal	Guilin (R7) - Use Cases (and Requirements in Use Cases)
Use Case Realization R6 Portal Page	Release 6 (Frankfurt) proposed use cases and functional requirements
Use Case Realization R6 Portal Page	Use Case Realization Meeting Register MoM

5G USE CASES & REQUIREMENTS IN R8 (HONOLULU)
5G Use Case Team (Monthly) Meeting Notes & recordings: 5G Use Case Team Meetings

USE CASE / REQUIREMENT	DESCRIPTION	WIKI LINK
5G Service Modeling	Defining and modeling a 5G Service (in Design Time) and the associated Modeling (Platform information & data model). This is driven by 3GPP TS28.540 and TS28.541, the 5G NRM. Development of a concept of a Registry Service used in CPS	R8 5G Service Modeling
5G SON Use Case	Optimization and SON functions for 5G RAN which provide for self-optimization, self-healing and self-configuration	R8 5G SON use case
ONAP/3GPP & O-RAN Alignment: Standard Defined VES	The capability to receive, validate and process standards defined notifications encapsulated in VES events in ONAP. VES 7.2	R8 ONAP/3GPP & O-RAN Alignment: Standard Defined VES
End to End Network Slicing	5G Network Slicing defines slices to be used in 5G RAN systems. Network Slicing is a long-lead multi-release development.	R8 E2E Network Slicing use case
Smart Operator Intent Translation in UUI based on IBN - R8 5G Slicing Support	A lightweight and high-cohesion Nature Language Processing (NLP) function is proposed to add in the UUI project, in order to translate the network operation engineers' text/voice intents to the suitable slicing parameters quickly and decrease the manual configurations.	Smart Operator Intent Translation in UUI based on IBN - R8 5G Slicing Support
Intent Based Networking	Support for Vertical Industry. Intent framework is a system that helps to implement and operate networks that can improve network availability and agility. It takes a high-level business goal (intent) as input, converts it to the necessary network configurations and applies the network changes via network automation and/or network orchestration. Continuously monitoring the status of the network under control, the system validates in real time that the intent is being met, and can take corrective actions when desired intent is not met.	Support for Vertical Industry
Intent Based Networking	Support for Intent Framework and Intent Modeling. (add description)	Support for Intent Framework and Intent Modeling
ONAP/3GPP & O-RAN Alignment: A1 Adapter and Policy Management Extension	A1 Adapter and Policy Management Extension. This requirement enhances the A1 interface capabilities provided in Rel 6 as part of 5G/ORAN & 3GPP Standards Harmonization requirement (REQ-38) and extended in Rel 7 with the introduction of A1 policy management. O-RAN has defined A1 interface specification in the context of the management of 5G RAN elements to provide intent based policies for optimization of the RAN network performance. Planned enhancements for Rel 8 include support of new A1 interface version in alignment to O-RAN alliance and common logging/audit.	

## Coordinating and Developing Use Case Overview Table

DESCRIPTION: On the portal page there is a table dedicated to an overview of all of the use cases
- Reaching out to the Use Case teams get their latest overview slides
- Finding the latest Video/Demo presentation recording
- Keeping this table up to date per release

LINK: https://wiki.onap.org/pages/viewpage.action?pageId=92996235

OVERVIEWS, DEMOS & SLIDES

The following are Links to Overviews, Demos and Summary Slides for each of the major use cases:

USE CASE	OVERVIEW & SUMMARY SLIDES	RECORDING & DEMOS
R8 Use Cases Overview	Overview Slides: R8-PnP_IPv4v6_CMPv2_StndDefVES-202010Oc12.pdf	R8 Overview slides for selected Use Cases
OOF SON PCI	Overview Slides: ONAP_OOF_SON_R7_Scope_2020_09_16.pptx	Use Case Realization Call: June 17, 2020
5G SERVICE MODELING	Overview Slides: R8-5GServiceCreation_2020Sp14v5.pdf	R8_5GServiceModeling_202008Ag31.mp4
ONAP/ORAN 3GPP STNDDEF VES	Overview Slides: vF2F stndDefined Event in ONAP 2020-06-24 v3.pptx	
ONAP/ORAN 3GPP A1 POLICY	Overview Slides: 20200624 LFN DTF ONAP-A1 Adaptor JohnKeeney.pdf	
E2E NETWORK SLICING	Overview Slides: ONAP_E2E_Network_Slicing_slides.pptx	Use Case Realization Call: April 01, 2020 vDDF 🗓 13 Oct 2020 E2E_Network_Slicing_use_case_Oct_13.mp4
BULK PM: PM CONTROL	Overview Slides:	
PNF PLUG AND PLAY	Overview Slides: PNFPlugnPlayR7GuiLin_09Sp242020v13.pdf	Use Case Realization Call: February 19, 2020
PNF SOFTWARE UPGRADE	Overview Slides: PNF SoftwareUpgrade Schema update to ONAP Arch.pdf	
CONFIG & PERSIST SERVICE	Overview Slides: ConfigurationPersistencySvcDDF_10Jy2020v8a.pdf Overview Slides in DDF: ConfigurationPersistenceSvcDDF_202010Oc15v13.pdf	Use Case Realization Call: May 27, 2020 Demo at DDF 🗓 15 Oct 2020 : 202010Oc15-CPSDDF_Talk-Demo.mp4 202010Oc15-CPSDDF_Talk-DemoAudio.m4a
CMP v2	Overview Slides: PNF Registration Enhancements for Security v1.pptx	
LICENSING MANAGEMENT	Overview Slides: ONAP license mgmt - ArchCom Guilin - 202005My26.pptx	Use Case Realization Call: September 4, 2019
MDONS	Overview Slides: MDONS_ONAP_R6_XinMiao-updt.pptx	Use Case Realization Call: December 04, 2019

Coordinate Use Case Overviews with release updates

DESCRIPTION: At the Use Case Realization Calls with U/C Overviews
- Reaching out to the Use Case teams to coordinate talks
- Schedule & coordinate with presenters
- Update the schedule of presenters
- Make sure there is good coverage of Use Cases with presentations
- Work with the Overview Table manager

LINK: https://wiki.onap.org/display/DW/Use+Case+Realization+Meeting+Register+MoM

USE CASE REALIZATION MEETING SCHEDULE (Jan-Dec 2021)

The following table is the Use Case Realization meeting schedule, and child wiki pages for meetings held in 2021
Note that the 5G Use Case call is merged with the Use Case Realization meeting, so once a month is dedicated to 5G topics
Color Coding: **BLUE: PTL Discussion Platform** / **YELLOW: Use Case Presentations** / **RED: 5G Team Topics**

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21 Jan 2021	5G Topics (5G Use Case Team discussion) 5G Service Modeling - CPS Modeling	Use Case Realization Call: Jan 21, 2020 HOSTING: @Andy Mayer , @Scott Blandford
28 Jan 2021	Modeling Sub-Committee presentation & discussion (PTL Discussion)	x @Hui Deng , @Andy Mayer , @Xu Yang
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Platform Component discussions With Use Case teams

DESCRIPTION: At the Use Case Realization Calls with U/C Overviews
- Reaching out to the Use Case teams that have impact on platform components
- Schedule & coordinate with PTLs & Use Case Teams
- Update the schedule of PTL meetings
- Make sure there is good coverage of Use Cases across component impacts
- Ideally meet before M1

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Information sharing across Use Cases Interdependencies

DESCRIPTION: At the Use Case Realization Calls with U/C Overviews
- Interdependency Chart
- Schedule & coordinate Use Case Teams
- Identify key interdependencies between Use Case Teams
- Socialize interdependencies, host meetings to resolve and raise awareness
- e.g. CPS, Vertical Industry, E2E Network Slicing

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Use Case	SDC	VID	Portal	SO	AAI ESR	CTRLR	DCAE	OOF	Policy	CLAMP	DMaaP	AAF	VNF SDK	REQTS	Model S/C	OOM	VIM	Pomba	CIA	CLI	Consul	VF-C
Bulk PM	N/A	N/A	N/A	YES	N/A	N/A	YES	N/A	YES	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FM PM Dict	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OOF PCI	N/A	N/A	N/A	N/A	N/A	YES	YES	YES	YES	N/A	N/A	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Slicing	YES	N/A	N/A	YES	YES	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	YES
ORAN Harmonize	N/A	N/A	N/A	N/A	N/A	YES	YES	N/A	N/A	N/A	YES	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Licensing Managmt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5G NRM	N/A	N/A	N/A	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES	YES	N/A	N/A	N/A	N/A	N/A	N/A	
RunTime DB	N/A	N/A	N/A	N/A	N/A	YES	YES	YES	N/A	N/A	N/A	N/A	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5G Service Modeling	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Process / Way of Working for U/C teams

DESCRIPTION: At the Use Case Way of Working
- Develop and maintain the Way of Working Process Page
- Update as process changes
- Communicate to TSC and other groups
- Discuss with Use Case Teams for common process
- Coordinate w/ ONAP PJM

LINK: https://wiki.onap.org/pages/viewpage.action?pageId=79204390

ONAP Use Case / Requirements Teams Process Way of Working (WoW)

Created by Benjamin Cheung, last modified on Jan 05, 2021

The following diagram illustrates the overall Use Case Process. It shows the basic stages of a release, going from M0 (release kickoff), to M2/M3 (API Freeze) and to code delivery in M4..

It illustrates 5 stages that the Use Case teams are concerned with, the High Level requirements, to the release plan, defining the use case, to data model development, to API freeze and code development.

Atomic requirements are expected to be grouped together to coalesce into a Use Case. And the Use Case teams would work on a set of related requirements to deliver a "minimum viable product". The requirements sub-comm the Use Case level. Requirements are often subsumed within a Use Case, but the reverse is not true (a Use Case is not subsumed within a Requirement).

A new process starting R7 is trying to also introduce the concept of working on atomic requirements, which may have Requirements team working on just that one requirement.

A Use Case teams are cross-functional in nature: they are composed of a use case leader, developers/committers/contributors, and also (indirectly) the ONAP platform members & PTLs from components that need to be involve defined.

? Unknown Attachment

Diagram showing the cross-interaction with other teams:

? Unknown Attachment

Use Case Teams Process

- **M0 PROJECT PROPOSALS**
  - USE CASE TEAMS - The Use Case Teams prepare their proposals.
    - #1: BUSINESS DRIVER TEMPLATE - The Use Case Teams should develop their business driver template and consider their purpose and business impact for their use case. This would detail the executive summ strategy. The template for the business driver case can be found here: Business Driver Template for Use Cases
    - #2: REQUIREMENTS SUB-COMMITTEE - Develop their proposals for the release which focus on defining their business imperatives. When ready, the Team needs to present their business drivers and require and select the requirements that would be worked on in that release. The requirements Sub-Committee can evaluate and identify cross-interactions between proposals. The requirements S/C can make priori decision to adopt or alter the prioritization recommendations. The presentation are given to the Requirements Sub-committee: Requirements subcommittee
    - #3: REQUIREMENTS PROPOSALS - After making a presentation to the Requirements sub-committee. Their requirements would then be put into the release proposed functional requirements page. An examp proposed list
    - #4: USE CASE DEFINITIONS - The team can then use the Use Case Template to fill out more details about their Use Case. Note: (see above), again, a Use Case is a comprised of a set of Requirements. The use C
    - #5: INTENTION TO PARTICIPATE - Teams can indicate their corporate intention to participate
    - #6: RELEASE TRACKING - Each release has a release tracking page. Wiki can be found here: Release Planning . You will need to clone REQ-1 (see link below)
    - #7: PROJECT SUBMISSION, PROPOSAL, PLANNING - The TSC coordinates the project submission, proposal and planning. A project submission, the intention to participate is announced. The TSC reviews an closure, the submissions from all of the new projects have been submitted in wiki their Release Planning materials. These are also tracked on the Release Planning page.
    - #8: MODEL PLANNING - If you have model impact add to the model planning page ONAP R7 Modeling High Level Requirements
  - WIKI LINKS References for the Use Case Teams at M0

WIKI LINKS REFERENCE AT M0		
M0	**Description**	**Wiki Link**
1	Business Driver Template	Business Driver Template for Use Cases
2	Requirements S/C	Requirements subcommittee
3	Functional Requirements Proposals	Guilin release - functional requirements proposed list
3a	Requirements Template	Template to be fulfilled per each requirement

Coordinating Specific Discussions
per topic / release basis / on demand
vDDF, Requirements Call (Alla)

DESCRIPTION: One Demand Topics
- Coordinate on demand topics coming from Arch, TSC, Req calls
- Present on vDDFs
- Coordinate w/ Arch, TSC, Req calls sharing of information and U/C developments.
- Discuss and help to resolve key major issues impacting all use cases
- Share information on new developments, new developments (e.g. CPS)

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5G Specific discussions & topics

DESCRIPTION: Helping to facilitate 5G specific topics
- Lay a roadmap for key 5G topics
- Lead the preparation of ONAP for 5G RAN Integration with live network
- Lead discussions with Use Case teams working on 5G Use Cases to insure consistency
- Work with 5G teams to share information and coordinate interdependencies
- Identify holes on 5G roadmap and fill gaps

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