ONAP Usecase subcommittee
July Virtual developers event

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Usecase subcommittee purpose and deliverables

- **Usecase subcommittee purpose:**
- The use case subcommittee is responsible for developing use cases required for ONAP releases. This includes basic flows, VNFs and requirements, including alignment with use cases focused on VNF Requirements, along with a set of required guidelines for ONAP. It will be used as an input for developing functional architecture and detailed software architecture per release.
- The use case subcommittee will not make decisions regarding Release's functional architecture or internal functioning of projects. It is a support group for the TSC Chair and the TSC
- The use case subcommittee is advisory by nature, and not authoritative. It may provide advice to projects and to the TSC and TSC's Architecture subcommittee.
- The use case subcommittee operates on a rough consensus basis. If the subcommittee is unable to reach consensus on what use case to offer, the subcommittee will refer the matter to the TSC.

- **Usecase subcommittee expected deliverables:**
- The use case subcommittee will develop and maintain use case descriptions and any related explanatory material for ONAP releases.
- Midway through a release, the use case subcommittee will provide its proposal for the use cases to be supported for the next release.

Use case subcommittee flow

1.	Use case subcommittee discuses new use cases

2.	Use case subcommittee produces use case flow diagrams, provides its view on the foreseen modules introductions/modifications and suggests potential PNFs / VNFs

3.	Use case subcommittee gets feedback from the potentially effected projects including integration team on feasibility

4.	Iterate back to 2

5.	TSC approves the use case

6.	In case a new modules or a new functionality to existing modules or a new APIs introduction is foreseen, architecture subcommittee defines the new/modified ONAP flows and the interfaces principles, based on the approved use cases (1)

7.	Projects define their extended functionality and their external APIs, following those principles.

8.	Detailed per-component flows are defined by the projects and projects write their user stories / implement them; Integration team continuously works with Use case subcommittee to accompany the use case development, review epics/user stories, answer questions, etc. Use case subcommittee behaves as system engineers for the use case through test start date

9.	Integration team defines the gating use case based on step 8 and finalizes the PNFs / VNFs selection, with the help of use case subcommittee, architecture subcommittee, PTLs of a different ONAP projects

10.	TSC approves the gating use case

11.	Integration project leads (coordinates) effort to get the gating use case tested, repaired, and verified, and the results are documented.

- (1) The defined functional extensions should be as generic as possible to allow re-use of it by additional use cases.

R1: vCPE and vVoLTE outstanding issues

- https://wiki.onap.org/display/DW/July+Virtual+Developers+Event+Blockers
- https://wiki.onap.org/display/DW/Use+Case+Related+Important+Questions+and+Answers
- Inclusion of CLAMP for configuration and deployment of control loops for R-vCPE and vVoLTE Usecases

vCPE set of remaining issues (in details)

- (from Bin Yang) I am afraid there is a gap: heat template (right now) cannot support creating vlan link between vG MUX and vG if we choose trunk port as the solution. Someone has to send separate restapi call to Multi-VIM/Cloud for setting up that link. Please correct me if I am wrong.

- (from Bruce Thompson) How is Muti-VIM supporting Heat? Heat currently makes Openstack calls directly. Is Heat being modified to make calls to the Multi-VIM layer?

- Discuss the interface between CLAMP and SDC.

- Confirm that SDC is planned to support the model Gil has created.

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- Create a table to list all the tools/UIs to design and run the use case. Refer Question 22 on this page: https://wiki.onap.org/display/DW/Use+Case+Related+Important+Questions+and+Answers

- Review the descriptions and flows on the wiki page and modify necessary parts/details based on the past three weeks' discussions.

vVoLTE set of remaining issues (in details)

- Comment: We are behind of schedule. It is expected to have all VNFs in lab at M2.

- (from Hui Deng) - ZTE is proposing tosca template seed code into SDC, why still not merge those code into SDC?

- (Catherine Lefevre) - Will we also get the VNF licenses to perform tests in our WindRiver Dev & Integration labs (regarding the commercial VNF)? Sorry I am not sure to have heard probably the answer from Helen. If not how can we perform dev functional tests prior M4?

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- Identify the story of fault correlation and auto-healing (which VNF, what kind of fault, etc)

- Confirm if SDC can import TOSCA template, and view/edit the template

R2 use cases proposals

- https://wiki.onap.org/display/DW/Release+2+Use+Cases

  - Network Function Change Management
  - Enterprise vCPE
  - SD-WAN
  - SD-LAN
  - 5G (RAN deployment, E2E network Slicing, MEC)

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