

Documentation improvements for end to end usage of ONAP

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Problem Statement - ONAP Documentation

- Current ONAP Documentation is not Persona based - it is hard for someone with specific persona (eg., ONAP Administrator, Designer, Operator) to find the information in one place
- No end-to-end, detailed tutorials for some common operations
- Upgrade procedures not well documented or difficult to find
- All the steps are not documented, making it difficult for new user to bring up ONAP and perform onboarding

Testing and Documentation - Goals

- Goals of the project:
 - Reorganize (by creating appropriate links) in the documents based on Personas / Usage
 - ONAP Architecture (Existing document)
 - ONAP Admin Guide (Setting Up ONAP)
 - ONAP User Guide — Design Time
 - ONAP User Guide — Run Time
 - ONAP Developer Guide (Existing document)
 - Add additional Tutorials for easier usage (in case if doesn't exist)
 - We will validate and incorporate the missing steps/items to make the Documentation easy to use and accurate.
- Target release: Guilin

Prioritization of testing/documentation

- The following features/functionality (prioritized list) will be done based on the time:
 - Installation & upgrade procedure, E2E beginning from download, install, create and 1st service instance up and running (hello world!)
 - "core implementation bundle" description.
 - Minimum set of ONAP components required for basic operations.
 - Deep dive tutorials, if doesn't exist:
 - How to use SDC
 - How to use DCAE
 - Validate Backup, upgrade and restore procedure.
 - User Guide content for other functionality - CDS, A&AI etc.
 - Deep dive tutorial of how to use SO and CDS

Testing and Documentation - Non-Goals

- Non-goals of the project:
 - We will not try to debug any failing functionality - instead, such information will be flagged to the project teams, and clarification sought on how to deal with it, such as:
 - Clarify/add missing information or steps to perform certain actions
 - Remove (recommendation) functionality if the feature is broken in a release

Documentation structural changes - Objective

- Currently developer info, admin info, design time activities, and run time activities are all documented under the respective projects.
- Objective:
 - All design/run time activities should be documented together in addition to current structure.
 - Split up activities by persona
 - Examples:
 - Reference to DCAE Deployment Validation & DCAE Health Check available at **DCAE component** section, will be included in **Operations and Administration Guide**.
 - Reference to DCAE MOD operations in **DCAE component** section will be included in **User Guide**.
- Impact: Going forward, the project teams have to make sure the links in the user guides for different personas are consistent.

Other changes

- We will be testing the wiki pages (whichever needed and within the scope of this exercise) though they may not have been migrated to RTD.
- If the content from Wiki pages is deemed critical, we will file a Jira ticket to migrate them to RTD, or raise the priority of the issue (in consultation with Documentation team).
 - Note: In case of minor changes/additions to RTD from wiki page, we will move the content.
- The REST APIs will not be reviewed in general, but only in cases where the functionality can be used only through REST APIs.
 - Example: Pre-service instantiation operations like adding owning entity, project details to VID

Milestone approach and plan

- The approach for handling the documentation is divided into multiple milestones accordingly based on the current document structure. Below is the high level milestone plan:
 - MS-1: Operations and Administration Guides
 - MS-2: User Guides
 - MS-3: SDC
 - MS-4: DCAE
 - ...further milestones for rest of the ONAP components

Process

- All changes will be done in master branch, target release Guilin.
- We will clone the master branch for Documentation project and follow the gerrit review process to push the documentation changes
- We will file Jira tickets if there is any Documentation issues like
 - Broken reference links
 - Broken functionality
- We will join ONAP project weekly calls on need basis where we can present the status and seek feedback.