

Service Orchestrator Honolulu Release M1

The content of this template is expected to be fill out for M1 Release Planning Milestone.

- 1 [Overview](#)
- 2 [Scope](#)
 - 2.1 [What is this release trying to address?](#)
 - 2.2 [Requirements](#)
 - 2.3 [Minimum Viable Product](#)
 - 2.4 [Functionalities](#)
 - 2.4.1 [Key Requirements Epics for Honolulu, impacting SO](#)
 - 2.4.2 [SO Backlog Overview - Not committed for the release \(except for stories that have been captured in the above table\), best effort](#)
 - 2.5 [Longer term roadmap](#)
- 3 [Sub-Components](#)
- 4 [Architecture](#)
 - 4.1 [High level architecture diagram](#)
 - 4.2 [Platform Maturity](#)
 - 4.3 [Third Party Products Dependencies](#)
- 5 [Testing and Integration Plans](#)
- 6 [Gaps](#)
- 7 [Known Defects and Issues](#)
- 8 [Resources](#)
- 9 [Release Milestone](#)
- 10 [Team Internal Milestone](#)
- 11 [Documentation, Training](#)
- 12 [Other Information](#)
 - 12.1 [Vendor Neutral](#)
 - 12.2 [Free and Open Source Software](#)

Overview

Project Name	Enter the name of the project
Target Release Name	Honolulu
Project Lifecycle State	Incubation
Participating Company	AT&T, Amdocs, Bell Canada, CMCC, DT, Ericsson, Fujitsu, Huawei, Intel, Lumina Networks, Nokia, Orange, Samsung, Tech Mahindra, Verizon

Scope

What is this release trying to address?

Improve the platform maturity of SO project and cleanup some of the key technical backlogs.

Requirements

Explained in detail in the below sections.

Minimum Viable Product

Deliver all the needed docker images and DB to support SO core functionality and the needed scripts for deploying it in OOM.

Functionalities

List the functionalities that this release is committing to deliver by providing a link to JIRA Epics and Stories. In the JIRA Priority field, specify the priority (either High, Medium, Low). The priority will be used in case de-scoping is required. Don't assign High priority to all functionalities.

Key Requirements Epics for Honoloulu, impacting SO

SO-3473 - Getting issue details...

STATUS



Use Cases :

Greetings, As per the new process set in place, we need to have the TSC must have requirements also to be completed for us to qualify for the release.

Functional Requirements :

SO Epic(s) / Story(ies)	M1 Scope and clarification
<div>SO-3493 - Getting issue details...</div> <div>STATUS</div>	Java 11 and Python 3 upgrade of all the SO components, trace elements scanned by Security subcommittee needs to be checked trace elements scanned by Security subcommittee needs to be checked

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
SO-3493	Java 11 and Python 3 upgrades	🔧	Jan 28, 2021	Feb 10, 2022		Unassigned	None	==	CLOSED	Done
SO-3473	Refactor SO to enhance the usability	🔧	Jan 11, 2021	Feb 10, 2022		Unassigned	None	==	CLOSED	Done
SO-3459	Support for ETSI SOL003 v3. 3.1 Or-Vnfm Interface from ONAP to external VNF Manager(s)	🔧	Jan 04, 2021	Feb 23, 2022		Unassigned	None	==	CLOSED	Done
SO-2695	Support for ETSI SOL003 v2. 7.1 Or-Vnfm Interface from ONAP to external VNF Manager(s)	🔧	Mar 03, 2020	Feb 23, 2022		Unassigned	None	==	CLOSED	Done
SO-2427	SOL002 Adapter - supports EM-triggered VNF/VNFC Management	🔧	Oct 09, 2019	Apr 08, 2021		Unassigned	None	==	CLOSED	Done

5 issues

SO Backlog Overview - Not committed for the release (except for stories that have been captured in the above table), best effort

Key	Summary	T	Updated	Assignee	P	Status
SO-3743	Configuration of Multi Tenant with a single openstack cloud env		Aug 24, 2021	Unassigned		CLOSED
SO-3660	Create a CBA boilerplate by leveraging the use of maven archetypes		May 20, 2021	Unassigned		CLOSED
SO-3634	SO Macroflow CSIT is testing released images in Guilin branch		May 05, 2021	Unassigned		OPEN
SO-3591	SO service missing CDS blueprint info in DB		Dec 01, 2021	Unassigned		CLOSED
SO-3571	Can't get all orchestration requests without passing any filter query param		Mar 25, 2021	Unassigned		CLOSED
SO-3445	SO-Monitoring documentation contains editorial issues....		Oct 07, 2021	Unassigned		CLOSED
SO-3420	unable to retrieve value stored in MDC for async method		Dec 17, 2020	Unassigned		DELIVERED
SO-3406	Transport Slicing integration: environment_context and orchestration_status are wrong values		Dec 04, 2020	Unassigned		CLOSED
SO-3402	CDS post config fails		Apr 28, 2021	Unassigned		CLOSED
SO-3375	FlowManipulatorListenerRunner does not invoke for controller execution config-deploy		Nov 17, 2020	Unassigned		CLOSED
SO-3369	Fix basic vm test case in onap		Nov 19, 2020	Unassigned		CLOSED
SO-3368	Finalize Documentation		Nov 26, 2020	Unassigned		CLOSED
SO-3367	Verify readiness of release artifacts		Nov 24, 2020	Unassigned		CLOSED
SO-3366	JIRA Cleanup		Nov 23, 2020	Unassigned		CLOSED
SO-3365	Release Candidate 2 Integration and Test		Nov 27, 2020	Unassigned		CLOSED
SO-3364	SO sends rest request to cds twice per one operation		Nov 05, 2020	Unassigned		CLOSED
SO-3361	put back logic to create VNFC edges		Nov 04, 2020	Unassigned		CLOSED
SO-3360	SO-OpenStack-Adapter attempts to create wrong vserver-to-vnfc relation in AAI		Nov 19, 2020	Unassigned		CLOSED
SO-3358	Added to handle inventory failure errors in bpmn.		Nov 04, 2020	Unassigned		CLOSED
SO-3357	ControllerExecutionBB is triggered, when running a la carte DeleteVFModule...		Nov 25, 2020	Unassigned		CLOSED

Showing 20 out of 352 issues

Longer term roadmap

SO aims to highest level of orchestration which is model driven and generic enough to both traditional and Cloud Native scenarios alike.

Release Deliverables

Indicate the outcome (Executable, Source Code, Library, API description, Tool, Documentation, Release Note, etc) of this release.

Deliverable Name	Deliverable Description
SO Docker Images	Docker Images, details can be found below

SO libs	libs

Sub-Components

List all sub-components part of this release.

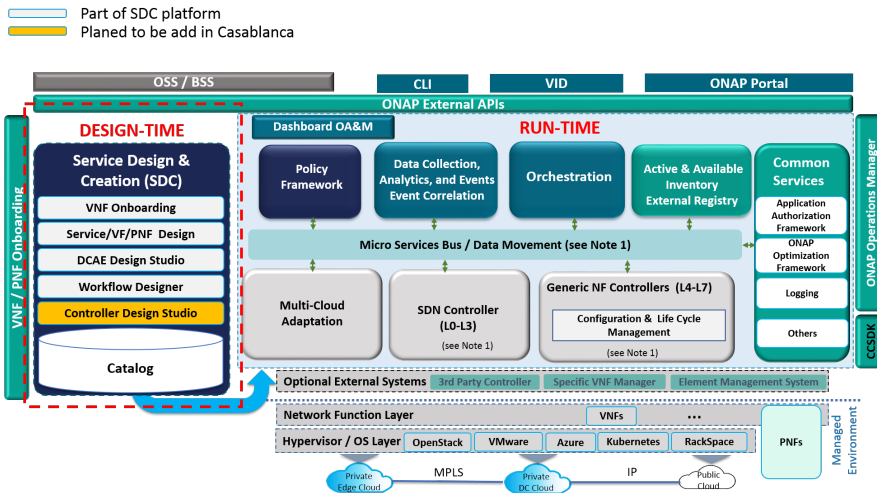
Activities related to sub-components must be in sync with the overall release.

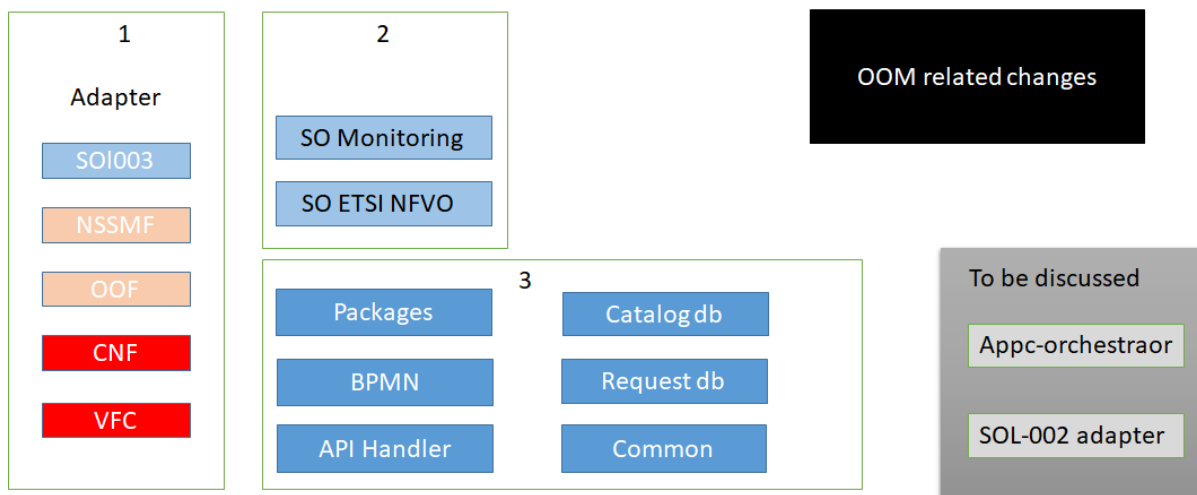
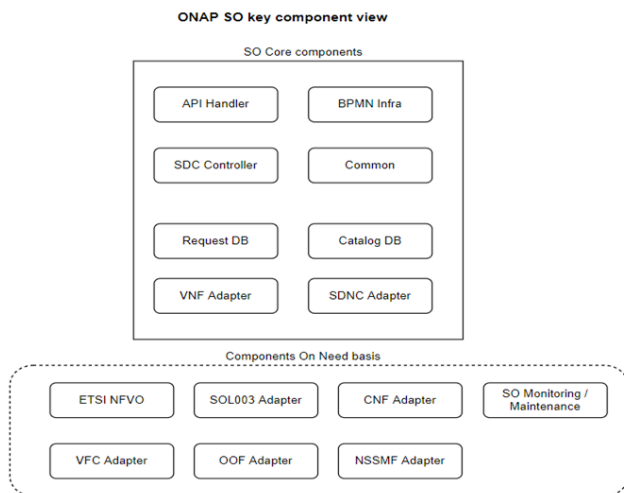
Sub-components are repositories and are consolidated in a single centralized place. Edit the [Release Components name for your project](#) in the centralized page.

- onap/so/api-handler-infra
- onap/so/bpmn-infra
- onap/so/catalog-db-adapter
- onap/so/openstack-adapter
- onap/so/request-db-adapter
- onap/so/sdc-controller
- onap/so/sdnc-adapter
- onap/so/so-monitoring
- onap/so/vfc-adapter
- onap/so/sol003-adapter
- onap/so/hssmf-adapter
- onap/so/mso-cnf-adapter
- onap/so/etsi-nfvo

Architecture

High level architecture diagram





Refactoring modules

Platform Maturity

Please fill out the centralized wiki page: [Honolulu Release Platform Maturity](#)

• Third Party Products Dependencies

Third Party Products mean products that are mandatory to provide services for your components. Development of new functionality in third party product may or not be expected.

List the Third Party Products (OpenStack, ODL, RabbitMQ, Elastic Search, Crystal Reports, ...).

Name	Description
Camunda	Dependency on the camunda engine for processing the workflows
MariaDb	Used for all the dependencies on the persistency.

• Testing and Integration Plans

Provide a description of the testing activities (unit test, functional test, automation,...) that will be performed by the team within the scope of this release.

Describe the plan to integrate and test the release deliverables within the overall ONAP system.
Confirm that resources have been allocated to perform such activities.

- validate uses cases and pairwise testing of SO with other components
- enhance CSIT to include more tests

• Gaps

This section is used to document a limitation on a functionality or platform support. We are currently aware of this limitation and it will be delivered in a future Release.

List identified release gaps (if any), and its impact.

Gaps identified	Impact
To fill out	To fill out

• Known Defects and Issues

Please refer to release notes of Guilin release – To be updated when avail

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
SO-3783	Error during Deallocate Core NSSI Flow	🔴	Oct 11, 2021	Oct 12, 2021		Unassigned	None	⬆	SUBMITTED	Unresolved
SO-3760	Wrong additional parameter for OOF's terminateNxiRequest	🔴	Sep 05, 2021	Oct 12, 2021		Unassigned	None	⬆	SUBMITTED	Done
SO-3446	SO-OpenStack-Adapter - constant exceptions seen in debug.log, on the external tasks	🔴	Dec 28, 2020	Apr 26, 2021		Unassigned	None	=	OPEN	Unresolved
SO-3404	DeleteVfModule fails for CNFO	🔴	Nov 30, 2020	Oct 25, 2021		Lukasz Rajewski	Lukasz Rajewski	=	DELIVERED	Done
SO-1401	Distributing Service with more than 1 resources only puts in 1 resource in vnf_resource_customization_to_service table in Catalog DB	🔴	Jan 16, 2019	Nov 04, 2020		Unassigned	None	=	IN PROGRESS	Unresolved

5 issues

Please update any risk on the centralized wiki page - [Honolulu Risks](#)

Resources

Please see the INFO.yaml files associated with each repo as the authoritative sources of information - <https://gerrit.onap.org/r/admin/repos/q/filter:so>

Release Milestone

The milestones are defined at the [Release Planning: Honolulu](#) and all the supporting project agreed to comply with these dates.

Team Internal Milestone

Milestone	Description	Date	Comments
M2	Spec Freeze	21 Jan 2021	
M3	Feature Freeze		
	<ul style="list-style-type: none">Last date for code reviews to be submitted	12 Feb 2021	Last day to submit Honolulu code changes to Gerrit

	<ul style="list-style-type: none"> Code ready for release build 	16 Feb 2021	<ul style="list-style-type: none"> All review comments addressed / reviews merged All repos >= 55% code coverage Healthchecks pass CSIT tests pass
	<ul style="list-style-type: none"> M3 Release builds complete 	19 Feb 2021	
	<ul style="list-style-type: none"> Helm charts updated to Honolulu M3 version 	24 Feb 2021	
	<ul style="list-style-type: none"> M3 Milestone 	25 Feb 2021	
RC0	Release Candidate 0		
	<ul style="list-style-type: none"> Code due for RC0 fixes 	03 Mar 2021	Last date to submit code fixes for Honolulu RC0
	<ul style="list-style-type: none"> RC0 release builds complete 	05 Mar 2021	
	<ul style="list-style-type: none"> Helm charts updated to Honolulu RC0 version 	10 Mar 2021	
	<ul style="list-style-type: none"> TSC RC0 approval vote 	11 Mar 2021	
RC1	Release Candidate 1		
	<ul style="list-style-type: none"> Code due for RC1 fixes 	10 Mar 2021	Last date to submit code fixes for Honolulu RC1
	<ul style="list-style-type: none"> RC1 release builds complete 	12 Mar 2021	
	<ul style="list-style-type: none"> Helm charts updated to Honolulu RC0 version 	17 Mar 2021	
	<ul style="list-style-type: none"> TSC RC1 approval vote 	18 Mar 2021	
RC2	Release Candidate 2		
	<ul style="list-style-type: none"> Code due for final Frankfurt fixes 	17 Mar 2021	Last date to submit code fixes for final Honolulu release (RC2)
	<ul style="list-style-type: none"> RC2 release artifacts available 	19 Mar 2021	
	<ul style="list-style-type: none"> RC2 Jiras ready for review 	24 Mar 2021	
	<ul style="list-style-type: none"> TSC RC2 	25 Mar 2021	
Release Sign-Off	Final TSC Sign-Off	01 Apr 2021	Honolulu Release Sign-Off

Documentation, Training

Please update the following centralized wiki: [Honolulu Documentation](#)

That includes

- Team contributions to the specific document related to the project (Config guide, installation guide...).
- Team contributions to the overall Release Documentation and training asset
- High level list of documentation, training and tutorials necessary to understand the release capabilities, configuration and operation.
- Documentation includes items such as:
 - Installation instructions
 - Configuration instructions

- Developer guide
- End User guide
- Admin guide
- ...

Note

The Documentation project will provide the Documentation Tool Chain to edit, configure, store and publish all Documentation asset.

Other Information

- Vendor Neutral

If this project is coming from an existing proprietary codebase, ensure that all proprietary trademarks, logos, product names, etc. have been removed. All ONAP deliverables must comply with this rule and be agnostic of any proprietary symbols.

- Free and Open Source Software

FOSS activities are critical to the delivery of the whole ONAP initiative. The information may not be fully available at Release Planning, however to avoid late refactoring, it is critical to accomplish this task as early as possible.

List all third party Free and Open Source Software used within the release and provide License type (BSD, MIT, Apache, GNU GPL,...).

In the case non Apache License are found inform immediately the TSC and the Release Manager and document your reasoning on why you believe we can use a non Apache version 2 license.

Each project must edit its project table available at [Project FOSS](#).

Charter Compliance

The project team comply with the [ONAP Charter](#).