

Orinoco Release Planning

- Overview
- Scope
 - Requirements
- Release Artifacts
- Architecture
 - High level architecture diagram
 - Internal Dependencies
 - External Dependencies
- Test and Verification
- Risks

Overview

Project Name	Enter the name of the project
Target Release Name	Orinoco
Project Lifecycle State	TBD

Scope

Deliver a Kubernetes-based reference implementation according to Anuket RA-2 and RM

- Verify design decisions and assumptions of RA-2, RC-2
- Provide a reference platform for CNF vendors to develop and test against
- Provide project repository for code

Requirements

Fulfill the requirements listed by RA2 Nile

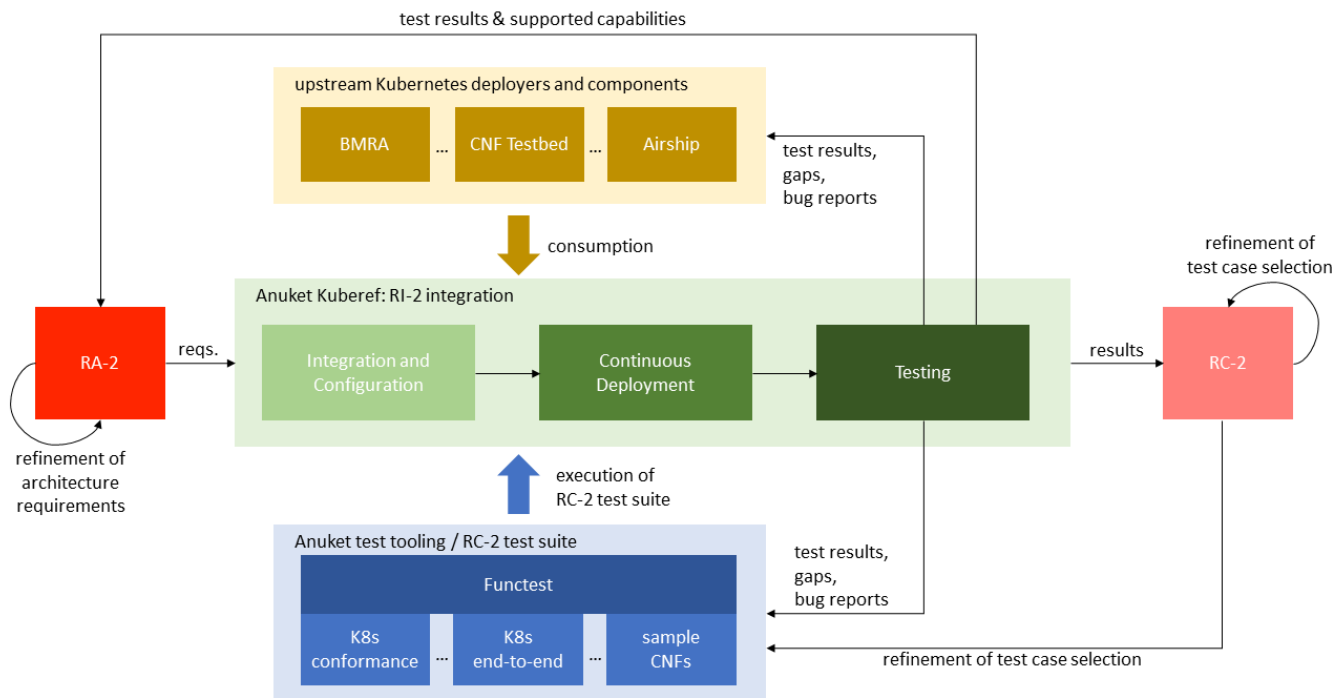
Release Artifacts

Indicate the work product (Executable, Source Code, Library, API description, Tool, Documentation, Release Note, etc) for this release.

Name	Description	Format (Container, Compressed File, etc.)
Source Code	All the source code for E2E RI2 Deployment is stored in the OPNFV Gerrit repo: https://gerrit.opnfv.org/gerrit/gitweb?p=kuberef.git;a=shortlog;h=refs%2Fheads%2Fmaster	Integration Code
Documentation	Anuket RI-2 Chapter 04 Release Notes	

Architecture

High level architecture diagram



Internal Dependencies

1. Anuket Labs
2. Anuket Functest, RC-2 Testsuite
3. GitLab CI

External Dependencies

1. [Cloud Infra Automation Framework](#)
2. [Intel's BMRA](#)
3. Docker Hub

Test and Verification

Continuous Deployment using GitLab, Verification via Anuket RC-2 testsuite

Risks

Risk Description	Mitigation Plan
Very few contributors/developers	guanyu zhu and li qiang is including in RI2 now
Insufficient lab resources to test all RA-2 requirements	UNH is helping to add pod to Kuberef gitlab pipeline