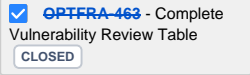# OOF Dublin M4 Code Freeze Milestone Checklist

The following items are expected to be completed for the project to Pass the M4 Code Freeze Milestone.

M4 Release Code Freeze Milestone overview is available in wiki.

> ⓘ **Usage**
> 1. Use the "Copy" option (available under the ..., top right of this page) to duplicate this template into your project wiki.
> 2. Fill out the Yes/No column
> 3. Provide link to evidence (when necessary)

Practice Area	Checkpoint	Yes/No	Evidences	How to?
Security	Has the Release Security/Vulnerability table been filled out in the protected Security Vulnerabilities wiki space?	Yes	☑ **OPTFRA-463** - Complete Vulnerability Review Table **CLOSED** R4 OOF Security/Vulnerability - Full Content	PTL reviews the NexusIQ scans for their project repos and fills out the vulnerability review table
	Are all Defects of priority Highest and High in status "Closed" in Jira? (this includes the Jira for Critical and Severe NexusIQ findings)	Yes	All Jira tickets for vulnerability elimination are complete.	Complete Jira tickets
	Did the project achieve the enablement of transport level encryption on all interfaces and the option of disabling transport level encryption?	No	External facing interfaces have TLS enabled : https://gerrit.onap.org/r/#/c/84935/ Internal communication is yet to be encrypted.	
	Do all containers run as a non-root user and is documentation available for those containers that must run as root in order to enable ONAP features?	Yes	None of the OOF containers run with **securityContext: privileged: true**	https://wiki.onap.org/display/DW/Best+Practices
	Provide the "% Achieved" on the CII Best Practices program.	blocked URL 75% towards silver	https://bestpractices.coreinfrastructure.org/en/projects/1720	As documented in CII Badging Program, teams have to fill out CII Best Practices
Product Management	Have all JIRA Stories supporting the release use case been implemented?	Yes • **Traffic Distribution use case: Code is pushed into gerrit, yet to be reviewed.** • **OOF PCI:** • **FGPS - POC for Dublin.**	17 issues **Traffic Distribution use case: Code contributions are committed to gerrit, yet to be reviewed.**	For each JIRA story that are implemented in the current release, you have to setup in JIRA the JIRA fixVersion="Dublin Release"
	List the Stories that will not be implemented in this current Release.		5 issues	For each JIRA story that will not be implemented in the current Release, you have to setup in JIRA the JIRA fixVersion="El Alto Release"
	Are committed Sprint Backlog Stories been coded and marked as "Closed" in Jira?	Yes	https://jira.onap.org/secure/RapidBoard.jspa?rapidView=177&view=planning.nodetail	
	Are all tasks associated with committed Sprint Backlog Stories been marked as "Closed" in Jira?	Yes	43 issues	
	Is there any Critical and Severe level security vulnerabilities older than 60 days old in the third party libraries used within your project unaddressed? Nexus-IQ classifies level as the following: • Critical is level 7 to 10 • Severe is level 4 to 6 • Moderate is level 1 to 3 which is complaint with CVSS V2.0 rating.	Yes	In the case critical known vulnerability are still showing in the report, fill out the Security/Vulnerability Threat Template - Beijing, Casablanca, Dublin in your project.	Ensure the Nexus-IQ report from "Jenkins CLM" shows 0 critical security vulnerability. Open the Nexus-IQ report for the details on each repo.

Release Management	Have all issues pertaining to FOSS been addressed?	Yes		
	Have all findings from previous milestones been addressed?	Yes	Completed • Complete unit test coverage goal by M4 for HAS • OOM-CSIT BY M4	
	Has the Project Team reviewed and understood the most recent license scan reports from the LF, for both (a) licenses within the codebase and (b) licenses for third-party build time dependencies?	Yes	No license issues has been reported for OOF in the latest review.	
	For both (a) and (b), have all high priority non-Project Licenses been either removed or escalated as likely exception requests?	NA		
Development	Are all Defects of priority Highest and High in status "Closed" in Jira?	Yes	Provide link to JIRA issue (type bug) of priority Highest and High.	
	Has the Platform Maturity Table been updated with implementation Status at M4?	Yes		For each Release, there is a Platform Maturity table created for PTLs to record their goals and achievement at M4 (Example: Casablanca Release Platform Maturity)
	Has the project team reach the Automated Unit Test Code Coverage expectation? (Refer to artifacts available in Sonar)	OSDF, HAS repos have reached the targets. CMSO is still working towards this.	OPTF/CMSO: TBD (affects only the Change Management scheduling use case) OPTF/HAS: 55.1% OPTF/OSDF: 65.3%	Sonar Guidance on Code Coverage and Static Code Analysis Tools: Sonar
	Is there any binaries (jar, war, tar, gz, gzip, zip files) in Gerrit project repository?	No		Refer to CI Development Best Practices
	Is there any pending commit request older than 36 hours in Gerrit?	No		Gerrit Query: status:open label:verified -is:draft -label:Code-Review=-1 AND -label:Code-Review=-2 AND is:mergeable age:1week
	Are all the Jenkins jobs successfully passed (verify + merge jobs)?	Yes	optf-cmso-master-merge-properties-java optf-has-master-conductor-merge-java optf-osdf-master-osdf-merge-java	https://jenkins.onap.org/view/Merge-Jobs/
	Have all OOM Staging Healtcheck related to your project passed?	Yes		
	Are all snapshot binaries available in Nexus-staging?	Yes	https://nexus.onap.org/content/groups/staging/org/onap/optf/	
	Do you have a clear plan to implement the Independent Versioning and Release Process by RC0?	Yes		Contact the upstream teams to make sure they will release their artifacts (in Nexus Release repo) so you can build by depending on these released artifacts by RC0.
Integration and Testing	Have 100% of Continuous System Integration Testing (CSIT) Use Cases been implemented successfully in Jenkins? It should include at least 1 CSIT that will be run on Lab-xxx-OOM-Daily Jenkins Job	Yes	optf-cmso-master-csit-cmso optf-has-master-csit-has optf-osdf-master-csit-osdf Lab-xxx-OOM-Daily Jenkins Job: https://gerrit.onap.org/r/#/c/84761/ https://gerrit.onap.org/r/#/c/84839/	
	Is there a Docker images available for your project deliverable?	Yes	https://nexus3.onap.org/#browse/search=keyword%3Doptf	
	Has the project passed the Integration Sanity Tests?	NA		Integration sanity tests in Dublin Release cover: • ONAP deployment • All components health check • VNF onboarding and service creation for vFW use case • Model distribution for vFW • vFW instantiation • vFW closed loop • vFW deletion No test failure reported on http://onapci.org/grafana/d/8cGRqBOmz/daily-summary?orgId=1 No Integration Blocking Issue with no workaround: Dublin Release Integration Test Blocking Issues
	Has the project code successfully passed the Daily Build process?	Yes		Goal is to ensure the latest project commit has not broken the Integration Daily Build

| Doc | Does the project have a plan to finalise and close all remaining JIRA Documentation tickets? | Yes | | **Jira Query**

project != "Sandbox Project" AND project != "ONAP TSC" AND project != CI-Management AND (labels=Documentation OR project=Documentation) AND status != Closed ORDER BY fixVersion ASC, status DESC, priority DESC, updated DESC

Jira Query (Bugs Only)

project != "Sandbox Project" AND project != "ONAP TSC" AND project != CI-Management AND (labels = Documentation OR project = Documentation) **AND issuetype= Bug** AND fixversion = "Dublin Release" AND status != Closed ORDER BY issuetype DESC, fixVersion ASC, status DESC, priority DESC, updated DESC |
| | Does the project team have a plan to complete all the Release related documents by RC1? | Yes | | |