

Deliverable for Code Freeze Milestone Checklist Template

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?		Table in in the protected Security Vulnerabilities wiki space corresponds to the latest NexusIQ scan; all NexusIQ finding are marked as false positive or exploitable with the supporting analysis.	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)		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?		All interfaces are exposed over TLS and the secure protocol can optionally be turned off	
	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?		<ul style="list-style-type: none"> ONAP project containers do not run as the root ID with the exception of containers supporting ONAP features that require the container to run as the root ID. Project containers that run as the root ID have documented this in the release notes along with the functionality that requires the container to run as the root ID. 	https://wiki.onap.org/display/DW/Best+Practices
	Provide the "% Achieved" on the CII Best Practices program .		Provide link to your project CII Best Practices page.	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?		By using the macro JIRA Issue/Filter, provide a link to JIRA in listing the stories that are implemented in the current Release. (Example 94 issues for AAI project, edit for your project)	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.		By using the macro JIRA Issue/Filter, provide a link to JIRA in listing the stories that are NOT implemented in the current release. (Example 89 issues for AAI project, edit for your project)	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?		Provide Link to Project backlog	
	Are all tasks associated with committed Sprint Backlog Stories been marked as "Closed" in Jira?			
	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: <ul style="list-style-type: none"> 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 .		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?			
	Have all findings from previous milestones been addressed?		List previous milestone issues that have not been addressed.	For M2 and M3 Milestones, ensure all findings have been closed.
	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?			

	For both (a) and (b), have all high priority non-Project Licenses been either removed or escalated as likely exception requests?			
Development	Are all Defects of priority Highest and High in status "Closed" in Jira?		Provide link to JIRA issue (type bug) of priority Highest and High.	
	Has the Platform Maturity Table been updated with implementation Status at M4?			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)		Goal: 55% for Incubation project in the current release	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?			Refer to CI Development Best Practices
	Is there any pending commit request older than 36 hours in Gerrit ?			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)?		Provide link to "Merge job" as evidence in Jenkins project tab	https://jenkins.onap.org/view/Merge-Jobs/
	Have all OOM Staging Healthcheck related to your project passed?			
	Are all snapshot binaries available in Nexus-staging?		Provide link to evidence	
	Do you have a clear plan to implement the Independent Versioning and Release Process by RC0?			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?		All jobs pertaining to your project MUST pass	
	It should include at least 1 CSIT that will be run on Lab-xxx-OOM-Daily Jenkins Job			
	Is there a Docker images available for your project deliverable?		Provide link to Nexus repos	
	Has the project passed the Integration Sanity Tests?			Integration sanity tests in Dublin Release cover: <ul style="list-style-type: none"> • 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?			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?			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?			