

AAI R4 M4 Deliverable for 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.](#)

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	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. R4 AAI 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. 0 issues	Complete Jira tickets
	Did the project achieve the enablement of transport level encryption on all interfaces and the option of disabling transport level encryption?	Yes	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?	No	<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 .	100% passing 80% silver	blocked URL	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	By using the macro JIRA Issue/Filter, provide a link to JIRA in listing the stories that are implemented in the current Release. (Example 76 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 16 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?	Yes	Provide Link to Project backlog	
	Are all tasks associated with committed Sprint Backlog Stories been marked as "Closed" in Jira?	No	Still may bring security updates into the release; leaving run-as non-root tasks open in case teams are able to deliver, otherwise will defer to El Alto	
	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 .	No	Documented here: R4 AAI Security /Vulnerability - Full Content	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	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?	Yes		
	For both (a) and (b), have all high priority non-Project Licenses been either removed or escalated as likely exception requests?	Yes		

Development	Are all Defects of priority Highest and High in status "Closed" in Jira?	Yes	0 issues	
	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)	Yes	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?	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	Provide link to "Merge job" as evidence in Jenkins project tab	https://jenkins.onap.org/view/Merge-Jobs/ 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	Provide link to evidence	
	Do you have a clear plan to implement the Ind ependent 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	All jobs pertaining to your project MUST pass	
	Is there a Docker images available for your project deliverable?	Yes	Provide link to Nexus repos	
	Has the project passed the Integration Sanity Tests?	Yes		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/8cGRqB0mz/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	1 issue	Jira Query <i>Jira Query (Bugs Only)</i> 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		