

## TMNA Onboarding & Build Process

## Agenda

- ❑ Onboarding Process
- ❑ Build Process
- ❑ Release Management
- ❑ Questions

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2

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0:16 / 18:23

# TMNA TDP Build Process

- Create CI pipeline & Trigger build pipeline through PR/check-ins - <https://confluence.sdlic.toyota.com/display/TDP/Create+CI+Pipeline>
- Verification of Build on Jenkins -> SonarQube, Jfrog Artifactory
- Promote CI Builds
- Verify CD pipeline
- Release Management - Builds through XL Release through defined templates

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The screenshot displays the SonarQube web interface for the project 'sonarqube-tmna-devops.com'. The top navigation bar includes links for Projects, Issues, Rules, Quality Profiles, and Quality Gates. The main content area shows a search for branches or Pull Requests, a list of releases (release5.3 to release7.0), and a summary of quality metrics. The summary includes a coverage of 77.98% on 152 new lines to cover and 0.28% duplications on 2.2k new lines. An activity chart shows bugs, code smells, and vulnerabilities over time. A table of quality gate results is also visible.

Quality Gate	Result	Timestamp
February 2, 2022, 9:45 AM	5.5.0-SNAPSHOT	March 15, 2022, 9:45 AM
February 2, 2022, 6:47 AM	Quality Gate: Passed	
February 2, 2022, 2:59 AM	Quality Gate: Failed	
January 28, 2022, 6:21 AM	Quality Profile: Changes in AppSec_Java_Standards_2.0.0 (Java)	
January 4, 2022, 9:28 AM	Quality Gate: Passed	

sonarqube.tnna-devops.com/dashboard/branch=release%2F5.6&id=com.tnna.adobe%3Alexusdrivers

Overview Issues Security Hotspots Measures Code Activity More

MEASURES

Quality Gate Status: **Passed** All conditions passed

New Code Since March 11, 2022 Started 5 days ago

Overall Code

- 0 Bugs Reliability A
- 2 Vulnerabilities Security C
- 4 Security Hotspots (0) 0.0% Reviewed Security Review E
- 0 Debt Code Smells Maintainability A

79.5% Coverage on 4.6k Lines to cover Unit Tests 1.3k

2.7% Duplications on 20k Lines 52 Duplicated Blocks

ACTIVITY

Issues Bugs Code Smells Vulnerabilities

March 11, 2022, 6:00 AM 5.6.0-SNAPSHOT

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Windows taskbar: Type here to search, 64°F, 9:13 PM 3/29/2022

Zoom participants: CM, MR, Trupti Saxena, Manoj Kumar, Rajni Kumar, Srinivas Kumbaji, Uday Krishna Patraji, Hemant Chanchani, Chaitali Shah

sonarqube.tnna-devops.com/project/issues/branch=release%2F5.6&id=com.tnna.adobe%3Alexusdrivers&resolved=false&sinceLeakPeriod=false&types=VULNERABILITY

Overview Issues Security Hotspots Measures Code Activity More

My Issues All

Filters

- Type: VULNERABILITY
- Severity: Blocker 0, Critical 0, Major 2, Minor 0, Info 0
- Scope
- Resolution
- Status
- Security Category
- SonarSource
- OWASP Top 10
- SANS Top 25
- CWE
- Creation Date
- Language
- Role
- Tag
- Directory
- File
- Assignee

Issues

- Cookie without the HttpOnly flag could be read by a malicious script to the browser. Why is this an issue? 3 months ago • 1.5k • T-1
- Cookie without the secure flag could be sent in clear text if a HTTP URL is visited. Why is this an issue? 3 months ago • 1.5k • T-1

2 of 2 issues

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Windows taskbar: Type here to search, 64°F, 9:14 PM 3/29/2022

Zoom participants: MR, Trupti Saxena, Manoj Kumar, Rajni Kumar, Srinivas Kumbaji, Uday Krishna Patraji, Hemant Chanchani, Chaitali Shah

# Release Management

Item	Sign Off Provider
Functional Sign off	Application Team
Load Testing Performance testing results in Flood.io	EA
Static Scan / SAST (SonarQube)	EA
Jfrog Security Flaws	EA/Infosec
Dynamic Scan - DAST (Burp Suite/Git leaks)	EA/Infosec
Manual Penetration Testing (MPT)	EA/InfoSec
AWS Accreditation	Infosec
Code Review/Signoff	EA
Code Coverage in sonarqube – 80%	EA
Monitoring Setup integration with Pager Duty	Application Team
Synthetic monitoring on Dynatrace	Application Team

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Charitha Shah

