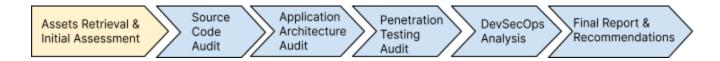
[vendorname] Assessment Report

v0.0.X Date Submitted

The report will be updated, iterated, and versioned as each stage of the assessment is completed



Performed by Guardian Project

Report Last Updated: Mar 17, 2023

Solution Name and Version: XXXX vX.X.X

Introduction

Executive summary of current assessment status

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Glossary of Terms

Listing of combined terminology from both general CRVS definition space, along with vendor and audit/evaluation specific terminology

- <u>Civil registration and vital statistics (CRVS):</u> A well-functioning civil registration and vital statistics (CRVS) system registers all births and deaths, issues birth and death certificates, and compiles and disseminates vital statistics, including cause of death information. It may also record marriages and divorces.
- <u>Software Bill of Materials (SBOM):</u> list of all the open source and third-party components present in a codebase. An SBOM also lists the licenses that govern those components, the versions of the components used in the codebase, and their patch status, which allows security teams to quickly identify any associated security or license risks.

Assessment Summary

Solution Summary

Brief descript	ion of the solution from our evaluation perspective
□ versio	n number, release history, cycle
□ backg	round on how long it has been developed
other.	relevant history and details that have been documented, discovered through the
evalua	ation process

Elements of the Solution

High level :	summary	of features,	components,	modules,	capabilities,	user	stories	ana
personas,	and other	-						

Threat and Risk Assessment

Current understanding of the environment threats and risks that the evaluation is being considered within, with some examples of threats being considered under this evaluation

Threat	Likelihood	Impact	Severity	Mitigations
Describe the potential threat, attack vector, bad actor	How likely is it that this could happen?	What will happen if the threat/attack is successful?	How severely will the solution instance be impacted?	How can we reduce the risk, impact, and severity of the attack?
Example 1	Likely *	Example Impact 1	Minor *	Example Mitigation would go here
Example 2	Unlikely *	Example Impact 2	Moderate 🕶	Example Mitigation would go here

Initial Assessment Results

Status: Not Started -

Initial Thoughts

After meeting	the team	and I	reviewing	the	product	here's	what	we	think	SO	far	(our	major
takeaways)													

IK	(eaways)
	☐ General impression
	☐ Summary of interactions with vendor
	☐ Identification of key vendor team members and roles
	☐ High-level concerns and blockers

Review of Assets

An analysis of the discovered and received assets from both a quantitative and qualitative perspective
Product and architecture documents, diagrams, specifications
User stories, personas, threat models, needs assessments, and other user experience an feature design inputs
☐ Source code for all tiers of the application
 Access to ticketing systems, discussion boards, wikis, and other public development infrastructure
Inputs to and results from any other security audits
☐ Prerequisites for installation, use, access
Operational deployment images, tools, and/or scripts for configuration management
Questions to investigate further
Any major takeaways that stood out to us so far that we will be focusing on during the audits Areas where we need more definition or additional inputs
Consideration of alignment of threat / risk model to solution
Source Code Security Audit
Status: Not Started -
Status
☐ Timeline review and updates
☐ High-level concerns, issues
☐ Summary of test environment setup, steps taken to complete analysis
☐ Summary of communication with vendor related to disclosures and direct feedback
Status of any mitigations, patches, updated releases
Outcomes
Outcome of the audit and disclosure of any vulnerabilities, bugs, typos, threats, etc that we've discovered (anything found will be shared with the vendor)
☐ Flaws in the application (bugs, security weaknesses, extensibility,
Readiness of the source code for being enhanced by a third party
Open-Source Software (OSS) vulnerability scanning
Static application security testing (SAST) scanning
Research and document the complete "Software Bill of Materials" (SBOM)
Feedback

Open questions or comments for the vendor or UNICEF

[vendorname] Evaluation Report

 □ Specific request for feedback on discovered outcome □ Request for additional details or ideas on future mitigations □ Potential issues to address in future phase of work
Application Architecture Audit Status: Not Started
Status
 □ Timeline review and updates □ High-level concerns, issues □ Summary of test environment setup, steps taken to complete analysis □ Summary of communication with vendor related to disclosures and direct feedback □ Status of any mitigations, patches, updated releases
Outcomes
Outcome of the audit and disclosure of any vulnerabilities, bugs, typos, threats, etc that we've discovered (anything found will be shared with the vendor) Document a shared, holistic view of the structure of the application Research and document the complete "Software Bill of Materials" (SBOM) regarding components, database, APIs, and third-party libraries Ease of user interface for setting roles and status visibility Evaluation of maintainability, performance at scale, re-usability, flexibility.
Feedback
Open questions or comments for the vendor or UNICEF Request for more clarification regarding architecture, design, API, extensibility goals Listing of potential scenarios, configurations, alternative technologies Specific request for feedback on discovered outcome Potential issues to address in future phase of work

Penetration Testing Audit

Status: Not Started -

Status	
☐ Details ☐ High-l ☐ Summ ☐ Summ	ne review and updates s of process, setup, tools utilized evel concerns, issues ary of test environment setup, steps taken to complete analysis ary of communication with vendor related to disclosures and direct feedback s of any mitigations, patches, updated releases
Outcomes	
	and passive security scanning of vulnerabilities Dynamic Application Security Testing (DAST) ation of the holistic approach in terms of cyber security Security policies analysis Analysis of history of public vulnerabilities CRVS product vendor response/management and communication to users Analysis of the security of data at rest and in motion Analysis of security guidelines/documentation (including resilience and recovery recommendations)
Feedback	
☐ Specif	ns or comments for the vendor or UNICEF iic request for feedback on discovered outcome est for additional details or ideas on future mitigations tial issues to address in future phase of work
DevSecOp	os Analysis
Status: Not S	Started -
Status	
	ne review and updates ary of test environment setup, steps taken to complete analysis
Outcomes	
☐ Reviev	are development operation best practices v of operations management from a system administrator perspective nce on production deployment

Feedback Open questions or comments for the vendor or UNICEF ☐ Specific request for feedback on discovered outcome Request for additional details or ideas on future mitigations Potential issues to address in future phase of work Final Report and Recommendations Status: Not Started -**Overall Findings** Includes summary of work performed, any overall takeaways and a comprehensive statement of our evaluation Area of Evaluation Readiness **Impact** Comments **Evaluation Aspect** General readiness / Affect that readiness has Any summary thoughts fitness of solution in on viability of solution as on each area specific area part of this evaluation **Source Code Security Application Architecture Penetration Testing** DevSecOps **Actionable Recommendations** Major areas of concern and recommendations to mitigate Closing Final thoughts **Appendix** Links to relevant support content, tools, and other resources