

CoverityScan

Start of Block: Intro

Q10 Survey on Use of Coverity Scan

The goal of this survey is to understand how open source projects use the tool Coverity Scan. We want to know if the project teams that are registered on Coverity Scan regularly monitor defect reports. If they do, then what actions they take. We also want to know if the project teams use the tuning features of Coverity Scan.

This survey should take approximately 5 minutes to complete. We appreciate your collaboration.

End of Block: Intro

Start of Block: Project Information

Q1 Are you assigned as an admin for a project on Coverity Scan?

- ☐ Yes (1)
- ☐ No (2)

Q2 What is the name of your project?

(If you are admin of more than one project on Coverity Scan, pick one project for which you would like to answer the rest of the questions in this survey.)

End of Block: Project Information

Start of Block: HotSos Paper Res

Q5 How do you monitor Coverity Scan alerts?

	Always (1)	Most of the time (2)	About half the time (3)	Sometimes (4)	Never (5)
I audit (read) newly detected alerts from Scan analysis (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I triage the alerts on Scan database that I audit (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I mark an alert as False Positive on Scan database if I find one (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I mark an alert as Intentional on Scan database if I find one (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I mark an alert as Bug on Scan database if I find one (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I open bug reports on other bug tracking tools for the true alerts (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q6 Please explain the cases when you audit an alert but do not triage it on Scan database.

End of Block: HotSos Paper Res

Start of Block: Tuning Question

Q8 How do you tune Coverity Scan to reduce false positives?

	Always (1)	Most of the time (2)	About half the time (3)	Sometimes (4)	Never (5)
We update the Modeling file (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We use annotations in the source code (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We ignore files (components) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We disable checkers to avoid certain alert types (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q9 Is there any policy on how your project configures Coverity Scan?
 (For example, some projects may have requirements on which files must be analyzed, some projects may have requirements on which alert types must be addressed.)

End of Block: Tuning Question

Start of Block: Data Validation

Q3 When do you run a new Coverity Scan analysis for your project?

(Please write down any policy you use on when you run a new Scan analysis for your project. For example, some projects may run a new analysis every week, some projects may run an analysis on each new release candidate, some projects may run it as a part of their continuous integration process.)

Q4 Who monitors Coverity Scan reports for your project?

(Please write down how your project monitors Coverity Scan reports. For example, some projects have a team of developers assigned to monitor each new Coverity Scan report, for other teams different developers are responsible for different components.)

End of Block: Data Validation

Start of Block: General Experience

Q10 Please write down your experience on using Coverity Scan for your project.
(For example, do you find it valuable?)

End of Block: GeneralExperience

Start of Block: interview

Q11 Will you be willing to participate in a short interview to discuss on the use of Coverity Scan?

☐ Yes (1)

☐ No (2)

Q13 Please write down your email address:

End of Block: interview
