



WhiteSource

WHITESOURCE PRIORITY SCORING



OPEN SOURCE VULNERABILITIES ARE ON THE RISE

The dramatic rise in the number of open source security vulnerabilities in recent years presents software development and security teams with an unprecedented security challenge.



“In a futile attempt to assess and remediate all vulnerabilities, security teams are slowing developers down and wasting their time chasing issues that aren’t real or addressing lower-risk vulnerabilities that are real, but not directly impacting their products.”



10 Things to Get Right for Successful DevSecOps, Neil MacDonald, Gartner.

PRIORITIZE THE OPEN SOURCE VULNERABILITIES IN YOUR SOFTWARE

The default is often to prioritize vulnerabilities based on easily accessible data like severity score, but this is not always the most effective way to remediate vulnerabilities and reduce your organization’s risk.

That is why we developed WhiteSource Priority Scoring, a ground-breaking solution that automatically prioritizes security vulnerabilities based on customized settings that reflect your organization’s personalized risk profile. It is the first and only remediation solution to factor in business impact as part of overall vulnerability scoring so teams can focus on the vulnerabilities that matter most.

With WhiteSource Priority Scoring, security and development teams now have an objective means to determine the effective criticality of a security vulnerability and can create automated policies for vulnerability remediation.

POWERFUL PRIORITY SCORING SAVES CRITICAL REMEDIATION RESOURCES

WhiteSource Priority Scoring is an innovative approach that combines perceived risks from both security and non-security metrics.

Based on user configuration, a priority score between 0 and 100 is attributed to security issues by library or vulnerability. This score allows security teams to make informed decisions and implement automated risk-based policies so that the biggest overall threats to your business are remediated first.



AUTOMATICALLY REMEDIATE VULNERABILITIES USING COMPREHENSIVE BUSINESS METRICS

WhiteSource Priority Scoring allows you to create automated policies for vulnerability remediation based on the following parameters:



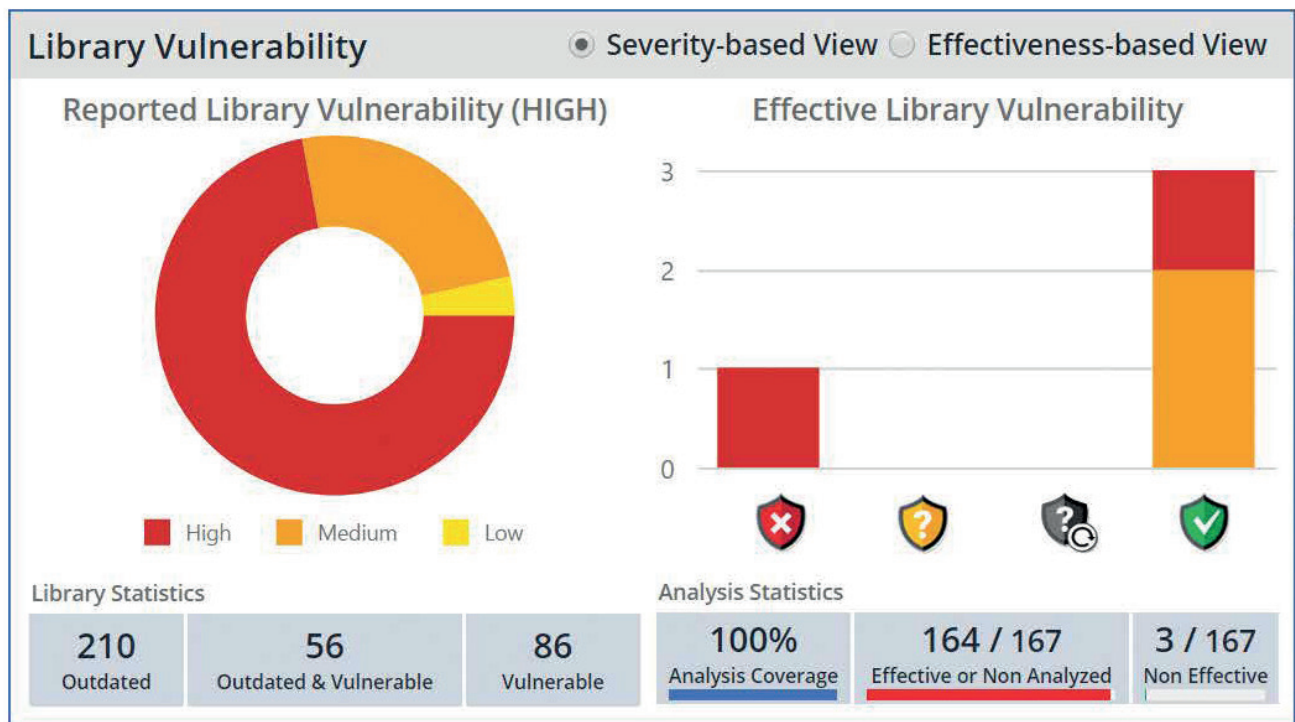
EFFECTIVE USAGE ANALYSIS TECHNOLOGY

Effective Usage Analysis is one of the parameters of WhiteSource Priority Scoring. Effective Usage Analysis scans open source components with known vulnerabilities to assess whether your proprietary code is making calls to the vulnerable method, making it effective.

Our research shows that only 15% to 30% of vulnerabilities are indeed effective. The ability to focus on effective security vulnerabilities rather than attempting to handle all reported vulnerabilities not only saves precious time and resources, but can also maximize the security posture of your products and reduce friction between development and security teams.



WhiteSource implements advanced, patent-pending static code analysis algorithms that yield highly accurate results and minimize false positives. WhiteSource Effective Usage Analysis is designed to accommodate advanced language use cases including polymorphism, pointer calls, virtual tables, and more. It analyzes reported open source security vulnerabilities, attempting to classify them as effective.



WhiteSource Priority Scoring is designed for high performance and scales to accommodate projects ranging from extremely small (a handful of libraries and dependencies) to extremely large (thousands of libraries and dependencies).

WhiteSource Priority Scoring scans are run with the WhiteSource Unified Agent. Analysis results are displayed via the WhiteSource application and are published via reports or extracted programmatically via a dedicated API.

Analyzing effective versus ineffective vulnerabilities shows that the number of open source vulnerabilities alerts can be reduced by 70% to 85%.



DO YOU WANT TO AUTOMATE YOUR VULNERABILITY REMEDIATION?

Sign up for a free trial and be amazed by the ease and accuracy of WhiteSource Priority Scoring.
www.whitesourcesoftware.com