sonatype lifecycle

Control open source risk across your SDLC.

Contextual Software Composition Analysis with Sonatype Lifecycle.

The SDLC stages of design, coding, testing, and deployment all pose unique challenges that impact developer efficiency. Sonatype Lifecycle's tools and features offer visibility into application security posture while addressing pressing challenges, enabling secure and productive development workflows.

Volume of security threats and alerts
Addressing vulnerabilities while working on multiple projects strains teams, risking project timelines and extra costs due to prioritization challenges

Establish open source security policies to **automatically detect gaps**, forecast vulnerabilities, and expedite remediation processes.

Balancing speed and security
Management prioritizes Deployment Frequency and Time to Release, while AppSec teams aim to maintain application security and support business goals

Integrate security and compliance testing into the SDLC, enabling developers to select the safest open source components and offering security teams actionable intelligence and guidance.

Increasing Security and Regulatory Requirements
Teams face growing regulatory compliance, evolving security frameworks, and shifting security best-practices.

Meet open source licensing requirements, **report software contents accurately** with standardized SBOMs, and utilize automatic license compliance.

Lack of visibility into attack surfaces and vulnerabilities
Security teams need continuous detection to auto-block exploits, maximizing speed and uptime while minimizing risk

Accurately identify open source libraries, vulnerabilities, and their dependencies, reducing false positives/negatives and narrowing the exploitability window.

Lack of DevOps workflow integration
Teams want to control open source risk using preferred tools, avoiding the need to learn new systems.

Integrate seamlessly with current tools to get contextual component suggestions, eliminate vulnerabilities at code creation, and address security needs without hindering productivity.

"We evaluated Black Duck, Veracode and Sonatype Lifecycle. My colleagues and I chose Lifecycle because it is the best user interface for what we are trying to do: remove all critical findings before they reach production."

—Lars Brössler, Senior Software Developer, Endress+Hauser

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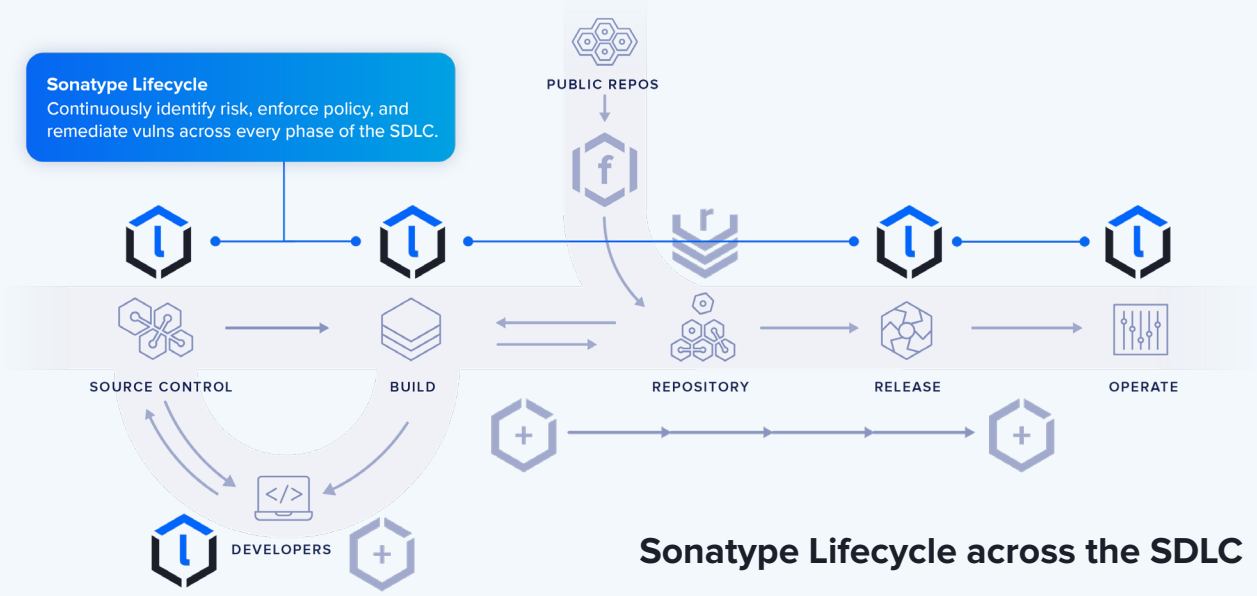


Sonatype Lifecycle across the SDLC

INTELLIGENT RISK MANAGEMENT

Secure your software supply chain

Control open source risk with your favorite tools

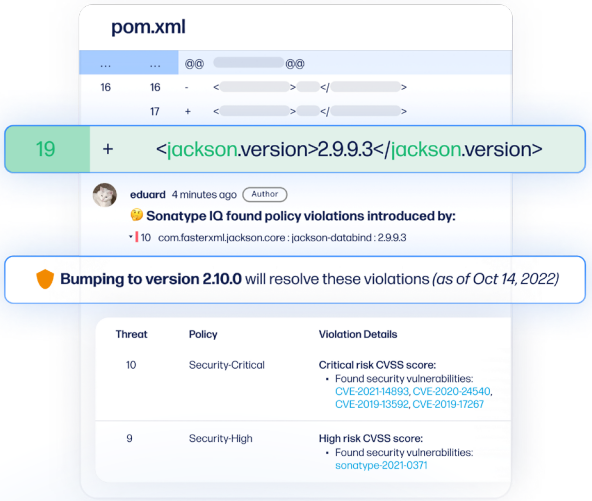
We integrate with the most popular pipeline and development tools, languages and packages you're already using, so you do what you do best - innovate and code new products - and not waste your time adapting to new tools or processes.

Enforce policies automatically

Automatically enforce policies early, everywhere and contextually across the SDLC. That way, you are able to manage and mitigate a range of risks that can be exploited to do harm to your organization, such as security risks, license risks, and quality risks.

Easily evaluate application security posture

Get timely visibility into new security threats with Sonatype's world class security data. Advanced AI/ML capabilities provide actionable, data-driven insight to ensure sufficient protection across all the stages of the SDLC.



"A bill of materials, whether it's of open source components or in house components, is a key part of the overall strategy on ensuring large software projects have trusted, secure components."

—Andrew Wild, Chief Security Officer, Qualys

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“SHIFT-LEFT” WITH CONTEXT-AWARE SCA

Manage open source vulnerabilities

Remediate vulnerabilities fast

View any concerns from a central dashboard. Prioritize remediation and development work based on detailed intelligence and vulnerability-specific remediation guidance.

Generate a Software Bill of Materials (SBOM)

Identify precisely what’s in your apps and containers with detailed SBOM reporting in minutes. Know your open source components, along with their dependencies.

Monitor continuously for new defects

Establish an automated early warning system to identify newly discovered defects and receive detailed intelligence on them, including precise root cause to reduce risk exposure.

AUTOMATE OPEN SOURCE GOVERNANCE

Quality code. Where and when you need it.

Select the best open source components

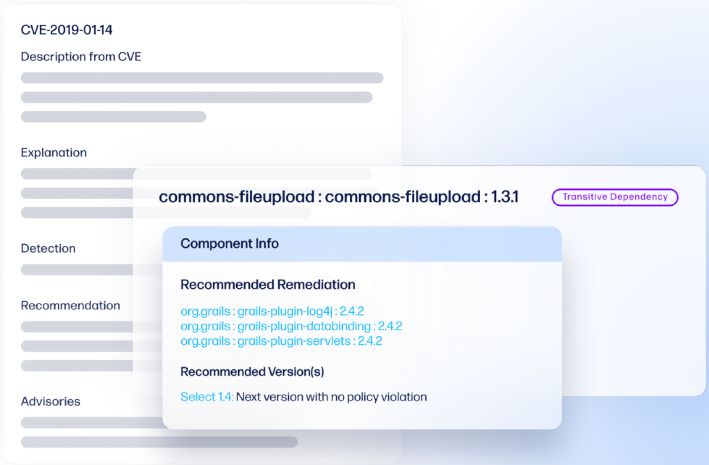
Receive detailed intelligence for healthier component choice early in development, directly in your IDE and source control.

Avoid false positives and negatives

Reduce developer noise with insights you can count on. Access data compiled from automation and careful human curation for quality your team can confidently act on right away.

Code with confidence

Streamline dependency management with the most precise inventory of software dependencies used in your applications and deploy without unnecessary delays.



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Sonatype is the software supply chain management company. We empower developers and security professionals with intelligent tools to innovate more securely at scale. Our platform addresses every element of an organization’s entire software development life cycle, including third-party open source code, first-party source code, infrastructure as code, and containerized code. Sonatype identifies critical security vulnerabilities and code quality issues and reports results directly to developers when they can most effectively fix them. This helps organizations develop consistently high-quality, secure software which fully meets their business needs and those of their end-customers and partners. More than 2,000 organizations, including 70% of the Fortune 100, and 15 million software developers already rely on our tools and guidance to help them deliver and maintain exceptional and secure software. For more information, please visit Sonatype.com, or connect with us on Facebook, Twitter, or LinkedIn.