



Taming alert overwhelm: Semgrep delivers precision AppSec

Semgrep with Amazon Web Services (AWS) and Claude helps security teams cut noise, automate routine tasks, and dramatically reduce alert volume by 40%.



ABOUT THE PARTNER



Semgrep is a leading global application security platform purpose-built for modern development teams. Semgrep helps AWS-native teams reduce AppSec noise while improving coverage of the vulnerabilities that matter most. Unlike legacy SAST tools that flood teams with alerts and miss what matters, Semgrep combines deterministic static analysis with AI-powered detection to catch high-impact vulnerabilities—including logic and authorization flaws—earlier in the development lifecycle. The result is high-signal security that fits seamlessly into existing workflows, giving security leaders provable ROI and developers the fast, friction-free feedback they need.

www.semgrep.dev



Explore solutions from Semgrep
in AWS Marketplace

Semgrep stats

- AWS Global Startup Program
- AWS top 25 continuous integration and continuous delivery
- AWS top 10 in testing
- AWS top 25 in generative AI



SUCCESS STORIES

From legacy headaches to precision AppSec

Synthesia is an AI-powered platform that enables users to quickly create studio-quality, multilingual videos in minutes using only text. As the company's development velocity increased, existing static analysis tools meant inflexible rule customization, noisy supply chain alerts, and time-consuming false positives. With Semgrep, triage queues shrank, remediation times dropped, engineers can quickly resolve issues, and AppSec no longer wastes time chasing false alarms.

Scaling security without adding friction

The Sola Security AI platform allows security teams to build and deploy tools across their stack using natural language prompts quickly and effectively. As they scaled engineering velocity, the team needed a high-fidelity security tool without adding friction for developers. Semgrep delivered a solution with superior accuracy, frictionless developer adoption, and futureproofing via customization. Sola Security ships with confidence while security keeps pace without adding friction.

WHY SEMGREP?

Software development teams often face a firehose of security alerts, many of which are false positives that with legacy and/or manual tools consume valuable time and resources. This is why Semgrep leverages Anthropic's Claude on Amazon Bedrock to power many of its AI-assisted features.

Semgrep's rapid, deterministic code analysis engine and LLM-friendly rule syntax make the perfect foundation for AI-powered AppSec. It is capable of accurately determining which alerts represent genuine security threats and which are false alarms.

AWS TOOLBOX



Amazon Bedrock

The platform for building generative AI applications and agents at production scale.

[Learn more](#)



AWS Lambda

Run code without thinking about servers or clusters.

[Learn more](#)



Amazon Relational Database Service (Amazon RDS)

Easy to manage relational databases optimized for total cost of ownership.

[Learn more](#)



Amazon Elastic Container Registry (Amazon ECR)

Easily store, share, and deploy your container software anywhere.

[Learn more](#)

WHY SEMGREP?

The Semgrep difference: Alert volume significantly reduced

Semgrep uses a variety of LLMs to power features that help security teams cut noise, automate routine tasks, and dramatically reduce alert volume by 20% out of the box and 40% over time.

Confidently labels **20%** of security findings as safe to ignore with **92%** user agree rate and **96%** security researcher agree rate.

Achieves **16%** higher accuracy identifying false positives than a prior version powered by GPT-4o.

Delivers **17%** better performance in component tagging compared to GPT-4o.

Learns and stores critical, security-relevant context about an environment as users triage findings and fix issues, eliminating future false positives.

TESTIMONIAL

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Operating at the application layer, we see model benchmarking and selection as our responsibility—not the customer’s. While anyone can request the use of a specific model, customers generally trust us to optimize and choose for them on a per-task basis.

–**Chushi Li**, Product Marketing Manager, Semgrep



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Future-proof your business

Disrupt or be disrupted. Startups are leaders in new technologies and help enterprises invest in the right ones for long-term success in a rapidly evolving world.



Accelerate time to market

Execute, test, and optimize rapidly. Launch solutions with short development cycles in an agile, low-risk, and cost-effective way by working with startups.



Deploy cutting-edge solutions

Fuel innovation through cloud-native applications. Solve complex business problems at scale with unique and powerful applications from AWS Startup Partners.



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Semgrep lets us treat security and code quality as first-class priorities. The combination of customizable CI/CD configurations, custom rules, and finding policies gives us a SAST program that actually fits our codebase.

—Zach Rayburn

Staff Product Security Engineer, Cribl



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