



# Solving the Cloud Software Security Problem With Veracode on AWS

How Veracode on AWS ensures intelligent application security at scale throughout the software development lifecycle

Security teams, security managers, and business leaders recognize that their organization's risks grow as they increasingly rely on cloud applications to improve customer experiences, drive efficiency, and support better decisions. Those risks exist throughout the software development lifecycle (SDLC). That's why you must take a proactive approach to cloud application security. And that's precisely what Veracode on Amazon Web Services (AWS) delivers.

Veracode security as a service was built for and runs on the AWS cloud, giving security teams and CISOs visibility and policy control with security tools that integrate with AWS developer tools. Veracode supports more than 27 programming languages for desktop, web, and mobile applications, along with 100 plus industry frameworks. And Veracode's responsible AI for augmented remediation intelligence is based on 164 trillion lines of analyzed code (and counting).

Here are the four critical areas where Veracode helps you solve the cloud software security problem

## 01 Bolster Your Developers' Security Competency

Veracode offers educational resources and training programs that help your developers strengthen their security competency, fix flaws faster, and adopt secure coding practices within the AWS development ecosystem. Subject areas range from secure coding practices for AWS services — such as securely configuring AWS Lambda functionality — to implementing proper security controls in Amazon S3 buckets.

## 02 Ensure the Entire Software Supply Chain Is Protected

The Veracode Software Composition Analysis (SCA) solution helps you identify and manage vulnerabilities in your applications' open source and third-party software supply chain components. Veracode SCA can be integrated with AWS CodePipeline to scan and analyze the open source dependencies of applications automatically. This ensures that any vulnerabilities or outdated components used in the software supply chain are identified and addressed before deployment.

## 03 Manage Your Web Application's Attack Surface

Veracode Dynamic Analysis (DAST) lets you scan your web applications for security flaws and simulate real-world attacks. Integrating DAST with AWS services ensures you can effectively manage your web applications' attack surfaces. Supported AWS services include Amazon Elastic Compute Cloud (EC2), Amazon Elastic Kubernetes Service (EKS), and AWS App Runner. The solution scans web applications deployed on these services, thoroughly testing each for vulnerabilities such as injection flaws and improper access controls.

## 04 Strengthen Cloud Development Security

Veracode solutions are designed to overcome the specific security challenges of cloud application development. By integrating Veracode's offerings with AWS services, you enhance the security of your cloud-native applications and infrastructure. For example, you can integrate Veracode's Static Analysis (SAST) and DAST solutions with AWS CodeCommit, AWS CodePipeline, Amazon ECS, and Amazon EKS. With Veracode, you can count on automated code

security testing during the development phase, continuous security assessment throughout the CI/CD pipeline, and security scanning of containerized applications deployed on Amazon EKS.

## Ensure Security Throughout the SDLC

When integrated with AWS services, Veracode solutions secure your applications at every stage of the SDLC. That includes leveraging Veracode's SAST and DAST solutions and AWS services to enable your developers to test their code during the development phase and incorporate security scanning into their CI/CD pipelines for continuous assessment. Add it all up, and Veracode ensures you can continuously find and fix flaws at every stage of the SDLC. Now that's intelligent software security.

## Find Veracode on the AWS Marketplace

Veracode is available on the AWS Marketplace via a Marketplace private offer, and customers engaging in the AWS Enterprise Discount Program (EDP) can apply Veracode investments toward their AWS spending obligations.

Our hands-on developer training tool, Security Labs, can be purchased through an AWS Marketplace public or private offer.

Contact us for other purchase options.

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