



Customer Success Story

REGARDLESS OF THE DIRECTION YOU'RE FACING, SHIFTLIFT FOR SECURITY

INDUSTRY

Technology – Software Security

PROBLEM

A multitude of programming languages and package types was causing manual, error prone, and slow deployments, inhibiting rapid feature iteration.

RESULTS

- Faster build deployments
- Improved build quality
- Reduced DevOps complexity
- Cost efficiencies with AWS

PRODUCT

JFrog Artifactory Cloud Pro

COMPANY

ShiftLeft is a continuous application security platform, purpose-built for the modern software development life cycle. It combines next-generation static code analysis (to quickly and accurately identify vulnerabilities) with application instrumentation (to protect the application) in an automated workflow. This combination of runtime-informed code analysis and code-informed runtime protection delivers the most accurate, automated, and comprehensive application security solution.

CHALLENGES

ShiftLeft development teams build with a variety of programming languages and package formats including Java (Maven), ReactJS (npm), and more recently .Net (NuGet) and therefore require an easy way to manage all of the binaries created, from a single tool. Moreover, as an agile and efficient early stage startup, ShiftLeft is constantly looking for effective ways to manage their infrastructure and provide an environment that supports their rapid development cycles.

RESULTS

Davy Hua, Head of DevOps at ShiftLeft, has been doing DevOps since before the term existed and is very familiar with the benefits of DevOps tools such as JFrog Artifactory from his experience at previous companies; and felt that it made good sense to bring JFrog Artifactory into the ShiftLeft DevOps engineering team. JFrog Artifactory sits in the middle of their entire CI/CD tool chain and provides a centralized way to manage all the binaries created from developing with their multitude of programming languages. Hosting their CI/CD solution on AWS just made sense to help alleviate the headache of hosting, managing, and uptime maintenance of their infrastructure. ShiftLeft deploys all of its services in containers and conforms to the Twelve-Factor methodology to ensure all apps have proper logging and that all applications are containerized. ShiftLeft uses JFrog Artifactory hosted on AWS as well as several other AWS native services and their production service is exclusively hosted on AWS for their customers.

ShiftLeft has benefited most from improved speed of development, as their services are all hosted on AWS within the same region. Moreover, ShiftLeft has found it easy to standardize on a universal tool and get all the DevOps teams up and running, with minimal guidance on how to use JFrog Artifactory. With JFrog Artifactory hosted on AWS ShiftLeft can rapidly develop and iterate to meet the needs of their customers quickly and effectively.

“As a DevOps founding engineer at ShiftLeft, I understand the importance of using reliable tools that allow for faster software development; and JFrog has done a phenomenal job of providing a solid product with detailed product documentation, enabling the ShiftLeft DevOps team get up and running within minutes on JFrog Artifactory.” - **Davy Hua**, Head of DevOps, ShiftLeft



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