

Why DevSecOps

Exec. Summary: Need of DevSecOps

Every Organization is aware of the benefits derived from DevOps framework as part of the Agile methodology in Software Delivery lifecycle. DevOps delivers better cross functional collaboration, faster Time to Market, increased productivity with Automation, enhances end user experience, increase in company's bottom-line etc.

But within the Organization, perception about Information Security team is that they "inhibit change". The attack surface has moved to application and in recent times Web application security breaches has increased many folds.

While Organization is investing heavily in Information Security tools but in wrong things and hurting productivity due to misalignment in practices and policies involving Information Security, Development and Operations team.

There is a tremendous shift in the technology stack used as part of Development. Containerization and Micro Services has become mainstream. Adaption of Open source solutions has tremendous momentum.

Organizations are integrating Security with business outcomes. This is done as part of DevSecOps which is joining Security with DevOps.

DevSecOps enables transformation of Information Security in following areas

- **Involvement during early stage of Development cycle rather than usual practice of inspection at the end of development cycle.**
- **Reduction in lag time for approvals or Security fixes via self-service workflows with automating Security tooling.**
- **Collaborate with Development and Operations team rather than just "Handoffs".**
- **Enables setup of feedback loop resulting in Security team gaining insight into rapidly changing run time environment from Development to Production environment and respond to events before it becomes a threat.**

Giniminds has solution addressing following business challenges around DevSecOps

- **Integrate and automate identification of security vulnerabilities in Containers and Open source solution during development phase itself.**
- **Open source license compliance.**
- **Seamless integration with overall DevOps process.**

Key Facts

WHO: Leading Global System Integrator

CHALLENGES: Joining Security as part of DevOps

SOLUTION: Giniminds has solution addressing following business challenges around DevSecOps

BENEFITS:

- 1) Integrate and automate identification of security vulnerabilities in Containers and Open source solution during development phase itself.
- 2) Open source license compliance.
- 3) Seamless integration with overall DevOps process.