

What is DevSecOps?

DevSecOps is the methodology of integrating security practices within the DevOps process. It involves creating a 'Security as Code' culture with ongoing, flexible collaboration between release engineers and security teams. In DevSecOps, security checks are applied in each phase. There are different stages of software development life cycle like Plan, Code, Build, Test, Release, and Deploy. With the help of DevSecOps implementation, you can develop the automation process more efficiently which means the development process is becoming faster and a better product reaching the market.



Benefits of DevSecOps:-

- Offers continuous response to change and requirement.
- It is very important and necessary to practice safe and secure software development to cut down the high risk of vulnerabilities.

- DevSecOps is played by the perfect trio of people, technology, and process.
- Speed of delivery achieved by fixing issues during the development phase of the software.

Agenda of DevSecOps:-

- Software Development Models, Agile, DevOps, SRE & DevSecOps - Concept
- Software Development Architecture - Monolithic, SOA & Microservices - Concept
- Platform - Operating Systems - Centos and Ubuntu
- Platform - Virtualization & Systems - VirtualBox & Vagrant
- Platform - Cloud - AWS
- Platform - Containers - Docker
- Code Analysis & Securing Code (SAST)
- Securing App Runtime (DAST) - AppScan & Fortify Webinspect
- Securing infra & compliance - Chef InSpec
- Programming Framework - Java - Spring framework
- Container Orchestration - Kubernetes
- Service Discovery - Consul
- Securing credentials - HashiCorp Vault
- Securing Containers (RASP)- Twistlock

- Securing Kubernetes (RASP) - Notary
- Infrastructure Monitoring Tool 1 - Datadog
- Infrastructure Monitoring Tool 2- Prometheus
- Log Monitoring Tool 1 - Splunk
- Performance & RUM Monitoring - NewRelic
- Emergency Response & Alerting & Chat- Pagerduty & Slack
- Security Through Logs 1 - Splunk SIEM
- Security Through Logs 2 - Elasticsearch with Kibana Security
- Cloud Security service & Practices- AWS Security service
- Monitoring Dashboard Tool – Grafana

What are the benefits of DevSecOps certifications?

- Speed and agility will increase, leading to happier customers.
- Increase businesses by efficiently find and solve the threats.
- This certified course helps anyone who aspires to make a career as a DevOps professional.
- Reduce in cybercrime by effectively managing security auditing, monitoring, and notification systems.
- Ensures that the system can be continuously monitored and improved, so it can achieve the best security standards.

How DevOpsSchool course would help participants?

DevOpsSchool has the best DevSecOps trainers, instructors, coaches and consultants who are highly experienced with more than 15 years of IT industry. Our experts have designed the best IT professional Courses, Training, Classes, and Certification by online and classroom mode for 2020-21. It includes various resources to help you learn DevOps and IT professional courses are suitable for beginners, intermediate learners as well as experts.

All training courses are designed to make you a certified practitioner by providing you hands-on, lab-based training that covers the best practices about IT professional courses and Certification.