

DevSecOps (CCPA)

Course Duration : 24 Hours

Course code : CCPA-DEVSECOPS

1. Course Overview

The **DevSecOps (CCPA)** course focuses on integrating security into the DevOps process. This course teaches how to build secure CI/CD pipelines, automate security testing, and embed security practices across the software development lifecycle using industry best practices and Check Point security concepts.

2. What you'll learn?

- DevSecOps fundamentals and concepts
- Secure CI/CD pipeline design
- Application and infrastructure security automation
- Container and cloud security basics
- Vulnerability scanning and remediation
- Monitoring and incident response in DevSecOps

3. Target Audience

- DevOps engineers
- Security engineers
- Application developers
- Cloud professionals
- IT security professionals

4. Pre-Requisites

- Basic knowledge of DevOps concepts
- Familiarity with CI/CD tools
- Understanding of application or infrastructure security

5. Course Content (Modules)

Module 1: DevSecOps Fundamentals

- DevOps vs DevSecOps
- Security in SDLC

Module 2: Secure CI/CD Pipelines

- Pipeline security design
- Tool integration

Module 3: Application Security Automation

- Static and dynamic testing
- Dependency scanning

Module 4: Container and Cloud Security

- Container security basics
- Cloud-native security

Module 5: Infrastructure as Code (IaC) Security

- Securing IaC templates
- Misconfiguration detection

Module 6: Monitoring and Incident Response

- Continuous monitoring
- Incident handling in DevSecOps