

Check Point Certified PenTesting Associate DevSecOps (CCPA)



Online Course

ZETLAN TECHNOLOGIES
www.zetlantech.com

Check Point Certified PenTesting Associate DevSecOps (CCPA)

Course Modules

1.INTRODUCTION TO DEVOPS

- What is DevOps?
- creating a DevOps pipeline

2.INTRODUCTION TO DEVSECOPS

- Security challenges in DevOps
- Threat modelling for DevOps
- DevSecOps – why you need it, how you use it, and what it is
- Vulnerability management

3.CONTINUOUS INTEGRATION

- Pre-commit hooks
- Introduction to Talisman
- Running Talisman
- Create your own regexes for Talisman
- Secrets management
- Introduction to HashiCorp Vault
- Vault commands



Check Point Certified PenTesting Associate DevSecOps (CCPA)

3.CONTINUOUS DELIVERY

- Software Composition Analysis (SCA)
- Introduction to OWASP Dependency-Check
- Run OWASP Dependency-Check pipeline
- Fix issues reported by Dependency-Check
- Static Analysis Security Testing (SAST)
- Introduction to Semgrep
- Run Semgrep pipeline
- Create your own Semgrep rules
- Fix issues reported by Semgrep
- Dynamic Analysis Security Testing (DAST)
- Introduction to OWASP ZAP
- Creating OWASP ZAP Context File
- Run OWASP ZAP in pipeline

Zetlan Technologies



ZETLAN TECHNOLOGIES

Check Point Certified PenTesting Associate DevSecOps (CCPA)

5.INFRASTRUCTURE AS CODE

- Vulnerability Assessment (VA)
- Introduction to OpenVAS
- Run OpenVAS pipeline
- Container Security (CS)
- Introduction to Trivy
- Run Trivy in Pipeline
- Improvise Docker base image
- Compliance as Code (CaC)
- Introduction to Chef Inspec
- Run Chef Inspec in pipeline
- Improvise with Docker compliancy controls

6.CONTINUOUS MONITORING

- Logging - why to do it, how, and what logs to collect.
- Introduction to the ELK Stack
- View Logs in Kibana
- Alerting - how to create alerts that help you prioritize
- Introduction to ElastAlert and ModSecurity
- View alerts in Kibana
- Monitoring - how to track and learn from malicious activity
- Create Attack Dashboards in Kibana



Check Point Certified PenTesting Associate DevSecOps (CCPA)

For Enquiry: +91 8680961847

7.DEVSECOPS IN AWS

- What does DevOps on Cloud Native AWS look like?
- AWS threat landscape
- Shifting to DevSecOps in Cloud Native AWS

8.DEVSECOPS CHALLENGES AND ENABLERS

- Challenges with DevSecOps
- How to build a DevSecOps culture
- Security champions – DevSecOps advocates across yr team
- Case study: how organizations use automation
- Where to begin
- DevSecOps maturity model

Zetlan Technologies

Free Advice: +91 9600579474

www.zetlantech.com



**LEARN
REMOTELY!!**

The efficiency of online learning
in terms of time management,
flexibility, and the ability
to access resources anytime,
anywhere can be compelling.



ZETLAN TECHNOLOGIES
www.zetlantech.com

**For contact: +91 8680961847
+91 9600579474**

