

KOENIG SOLUTIONS • COURSE OUTLINE

EC-Council Certified DevSecOps Engineer v1

Learn to integrate security across the DevOps pipeline, from planning and coding through build, release, deployment and monitoring.

3 Days

24 HOURS

7

TOPICS

COURSE OVERVIEW

The Certified DevSecOps Engineer (E|CDE) course is designed for professionals aiming to become adept in the principles of DevSecOps, an integration of development, security, and operations. This course equips learners with the knowledge to implement security measures throughout the software development lifecycle, thus molding them into certified DevSecOps professionals. The curriculum covers the cultural changes associated with DevOps and extends to practical aspects of security integration. Starting with an understanding of DevOps culture, the course progresses through each stage of the DevSecOps pipeline, from planning to monitoring. Learners will explore various aspects such as Code analysis, Vulnerability assessment, and Compliance, in a structured DevSecOps certification path. By the end of the course, participants will possess the skills necessary to enhance the security posture of their organizations' DevOps practices, making them valuable assets in the evolving landscape of IT security and operations.

WHO THIS COURSE IS FOR

The Certified DevSecOps Engineer (E|CDE) course integrates security into the DevOps process, targeting professionals seeking to enhance IT security postures.

DevOps Engineers

Security Engineers

Software Developers

IT Professionals with DevOps experience

Application Security Analysts

System Administrators involved in deployment

Cloud Security Specialists

Technical Project Managers overseeing development pipelines

IT Security Professionals transitioning to DevSecOps roles

Quality Assurance Testers involved in automation

Release Managers

Site Reliability Engineers (SREs)

LEARNING OBJECTIVES

What You Will Learn

- Explain the cultural shift from DevOps to DevSecOps
- Describe security practices in the plan stage of the pipeline
- Apply code analysis techniques in the code stage
- Implement security checks in the build and test stage
- Configure secure practices in the release and deploy stage
- Monitor security posture in the operate and monitor stage

COURSE SYLLABUS

7 Topics

01

TOPICS

Understanding DevOps Culture

02

TOPICS

Introduction to DevSecOps

03

TOPICS

DevSecOps Pipeline—Plan Stage

04

TOPICS

DevSecOps Pipeline—Code Stage

05

TOPICS

DevSecOps Pipeline—Build and Test Stage

06

TOPICS

DevSecOps Pipeline—Release and Deploy Stage

07

TOPICS

DevSecOps Pipeline—Operate and Monitor Stage

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit koenig-solutions.com

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