

EC-Council Certified DevSecOps Engineer v1

Duration: 24 Hours (3 Days)

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.

Audience Profile

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)

Course Syllabus

Module 1:

- Understanding DevOps Culture

Module 2:

- Introduction to DevSecOps

Module 3:

- DevSecOps Pipeline—Plan Stage

Module 4:

- DevSecOps Pipeline—Code Stage

Module 5:

- DevSecOps Pipeline—Build and Test Stage

Module 6:

- DevSecOps Pipeline—Release and Deploy Stage

Module 7:

- DevSecOps Pipeline—Operate and Monitor Stage