

Workshop DevSecOps Fundamentals

- **Formato do curso:** Live training
- **Localidade:** Live Training
- **Data:** 16 Set. 2021 a 17 Set. 2021
- **Preço:** 935€
- **Horário:** Laboral - das 9h00 às 17h00
- **Duração:** 14 horas

This DevSecOps Basic training covers the security of automated deployments and CI/CD pipelines, including recommended best practices for securing each pipeline component.

Esta formação é ministrada em Inglês.

Em parceria com a entidade acreditada:



Destinatários

- People working with automated deployments and CI/CD pipelines, wishing to better understand and enhance the security of their environment
- Jenkins users and administrators interested in expanding Jenkins knowledge
- Beginner and intermediate Developers
- QA Engineers
- Build and Release Engineers
- Technical Project Managers
- DevOps Engineers

Pré-requisitos

- Strong grasp of container basics (recommended training: [Docker Fundamentals](#))

- Working knowledge of automated builds and CI/CD pipelines (recommended training: [Jenkins Fundamentals](#))
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Programa

Introduction to DevOps

- What is DevOps?
- DevOps Culture
- DevOps Tools
- Continuous Integration
- Continuous Delivery
- Continuous Deployment

Case Studies on DevOps

- A demo company's transition to DevOps walkthrough

Working in DevOps

- Introduction to Git
- GitLab
- Circle CI
- Docker concepts overview
- Docker security overview

Security Challenges in DevOps

- Major security challenges explained

Building a CD Pipeline

- What is a Pipeline?
- What is a CI CD Pipeline?
- What is Jenkins and how it works
- Create Pipeline jobs

DevOps Deployment Data

- Integrating Security into your DevOps Processes
- Shifting Left
- How to do DevSecOps?
- DevSecOps Phases
- DevSecOps Pipeline
- DevSecOps Tools

Secure Continuous Delivery

- Injecting Security into Continuous Delivery
- Secure Code in Continuous Delivery
- Code Review in Continuous Delivery
- Securing your Continuous Delivery Pipeline

Security in Pre-Commit

- Pre-Commit Phase explained
- Security Tools used in Pre-commit phase

Security in Commit

- Commit Phase explained
- Security Tools used in Commit phase

Security in Acceptance

- Acceptance Phase explained
- Security tools used in Acceptance phase

Secure Configuration Management Using Infrastructure as Code

- Secure Configuration Management explained
- DevSec Hardening Framework

Securing Configuration Management and Continuous Integration/Continuous Delivery Pipelines