DevOps Institute: DevSecOps Practitioner (DSOP)® - Including Exam

Duración: 3 Días   **Código del Curso: DEVSOP**   **Método de Impartición: Curso Remoto (Virtual)**

Temario:

The DevSecOps Practitioner course is intended as a follow-on to the DevSecOps Foundation course. The course builds on previous understanding to dive into the technical implementation. Each section highlights useful metrics as well as integrating new techniques into differing practices. These modules offer suggestions on how to overcome people, process, and technological issues to develop better DevSecOps outcomes. Beginning with a deeper dive into the surrounding concepts, the course then considers either using existing metrics or developing unique expressions suitable to each DevOps experience. The middle section looks at architecture transitions, building an infrastructure, and tuning the CI/CD pipeline to best effect. Finally, the course offers ways to get the best from your experimentation practices and considers where the future of DevSecOps may lead.

The DevsecOps Practitioner course introduces more advanced ways to explore DevSecOps in your organization. Each section covers practical maturity guides, and then discusses how people, process and technology can be combined to improve outcomes.

The course aims to equip participants with the practices, methods, and tools to engage people across the organization involved in reliability through the use of real-life scenarios and case stories. Upon completion of the course, participants will have tangible takeaways to leverage when back in the office such as implementing DevSecOps practices to their organizational structure, building better pipelines in distributed systems, and having a common technological language.

The course is developed by leveraging key DevSecOps sources, engaging with thought-leaders in the space and working with organizations to extract real-life best practices and has been designed to teach the key principles & practices necessary for successful DevSecOps practices. This course positions learners to successfully complete the DevSecOps Practitioner certification exam.

Please note: It is highly recommended that learners complete the DevOps Institute DevSecOps Foundation course and certification prior to taking the DevSecOps Practitioner course and exam.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Dirigido a:

The target audience for the DevSecOps Practitioner course are professionals including:
Anyone focused on implementing or improving DevSecOps practices in their organization
Anyone interested in modern IT leadership and organizational change approaches
Business Managers
Business Stakeholders
Change Agents
Consultants
DevOps Practitioners
IT Directors
IT Managers
IT Team Leaders
Product Owners
Scrum Masters
Software Engineers
Site Reliability Engineers
System Integrators
Tool Providers

Objetivos:

- At the end of the course, the following learning objectives are expected to be achieved:

- Comprehend the underlying principles of DevSecOps

- Distinguish between the technical elements used across DevSecOps practices

- Demonstrate how practical maturity concepts can be extended across multiple areas.

- Prepare hiring practices to recognize and understand the individual knowledge, skills, and abilities required for mature Dev.

- Identify the various technical requirements tied to the DevSecOps pipelines and how those impact people and process choices.

- Review various approaches to securing data repositories and pipelines.

- Analyze how monitoring and observability practices contribute to

- Implement metric-based assessments tied to your organization.

- Recognize modern architectural concepts including microservice to monolith transitions.

- Recognize the various languages and tools used to communicate architectural concepts.

- Contrast the options used to build a DevSecOps infrastructure through Platform as a Service, Server-less construction, and event-driven mediums

valuable outcomes.

- Comprehend how to implement monitoring at key points to contribute to actionable analysis.

- Evaluate how different experimental structures contribute to the 3rd Way.

- Identify future trends that may affect DevSecOps

Prerequisitos:

- It is highly recommended that learners attend the DevSecOps Foundation course with an accredited DevOps Institute Education Partner and complete the DevSecOps Foundation certification prior to attending the DevSecOps Practitioner course and exam. An understanding and knowledge of common DevSecOps terminology, concepts, principles, and related work experience are recommended.

Exámenes y certificación

- Successfully passing (65%) the 90-minute examination, consisting of 40 multiple-choice questions, leads to the DevSecOps Practitioner certificate. The certification is governed and maintained by DevOps Institute.

Contenido:

Course Introduction

Module 1: DevSecOps Advanced Basics

Module 2: Understanding Applied Metrics

Module 3: Architecting and Planning for DevSecOps

Module 4: Creating a DevSecOps Infrastructure

Module 5: Establishing a Pipeline

Module 6: Observing DevSecOps Outcomes

Module 7: Practical 3rd Way Applications

Module 8: The Future of DevOps

Información Adicional:

LEARNER MATERIALS 24 hours of instructor-led training and exercise facilitation Learner Manual (excellent post-class reference) Participation in unique exercises designed to apply concepts Sample documents, templates, tools, and techniques Access to additional value-added resources and communities

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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