
IT Service Management - DevSecOps Foundation

Learn the basics of the collaborative and safe approach

This course is given as an intensive two day workshop covering the notions of culture, security, governance, risk and compliance as well as identity, access and monitoring supporting the collaboration between the development (DEV) and operations (OPS) teams. This workshop is intended for practitioners or managers involved in optimizing workflows between the DEV and OPS teams and for people who directly contribute to the activities part of the Service Delivery Pipeline. At the end of the course, participants will take a one-hour exam containing a multiple-choice questionnaire to obtain the international DevOps Institute (DOI)/PeopleCert DevSecOps Foundation certificate.

DEVOPS VERSION

This course introduces the DevSecOps principles and is based on the DSOF v2.1 Exam Requirements

LANGUAGE

The course, course materials and exam are in English.

COURSE OBJECTIVES

In two days, participants will acquire the knowledge and skills required to:

- Explain the key concepts and definitions associated to DevSecOps;
- Describe the different aspects required to embrace the DevOps culture and promote the importance of collaboration, flow, feedback and experimentation in the context of applications, platforms and service security;
- Explain what is required to support service security governance, risk and compliance;
- Take the DOI/PeopleCert exam with confidence by applying their newly acquired knowledge;
- Put the DevSecOps principles to practical use.

TARGET AUDIENCE

Personnel involved in contributing and optimizing the security of the service delivery activities and pipeline. Participants should have three to six months of prior IT experience.

COURSE STRUCTURE

This course comprises a series of interactive readings supplemented by classroom and other exercises resembling exams.

STUDY DAYS

2 days of learning, including the final exam (scheduled later by candidate).

COURSE CONTENT

The following elements are covered in this course:

- Realizing DevSecOps Outcomes
- Defining the Cyber Threat Landscape
- Building a Responsive DevSecOps Model
- Integrating DevSecOps Stakeholders
- Establishing DevSecOps Practices
- Best Practices to Get Started
- DevOps Pipelines and Continuous Compliance
- Learning Using Outcomes

COURSE PLAN

Day 1:

- Realizing DevSecOps Outcomes
- Defining the Cyberthreat Landscape
- Building a Responsive DevSecOps Model
- Integrating DevSecOps Stakeholders

Day 2:

- Establishing DevSecOps Practices
- Best Practices to Get Started
- DevOps Pipelines and Continuous Compliance
- Learning Using Outcomes
- Review and Exam preparation.

PREREQUISITE

None

EXAM

The official DOI/PeopleCert DevSecOps Foundation exam is included.

The participant will receive a voucher valid for 12 months to write their exam and will need to schedule his/her exam.

The Certification exam will be written electronically following the training. This requires access to a connected computer with active audio and video.

Format: 40 multiple-choice questions.

Duration: 60 minutes.

It is recommended to get the training from an accredited organization with an accredited training material.