DevSecOps Foundation Training & Exam

3 Days (21 Hours) | DevOps Institute DOFD Exam voucher included

DevSecOps Foundation – 3-Day Accredited Course

Led by an expert trainer, this hands-on course introduces the essential concepts of **DevSecOps**, including key terminology, principles, practices, and automation strategies. Designed for IT and security professionals, it helps teams break down silos between **Development, Security, and Operations** and adopt a collaborative, secure, and continuous approach to software delivery.

- **Learn Through Practice**: participate in real-world exercises, case studies, and interactive discussions to apply DevSecOps concepts effectively

- **Get Certified**: prepare confidently for the **DevSecOps Fundamentals Certification**, a globally recognized credential

- **All-Inclusive Package**: includes the official course materials in digital format, the exam voucher and one year's access to PeopleCert Membership +, which offers numerous benefits such as free exam retakes in case of failure and online mock exams

- **Expert-Led & Locally Delivered** – Learn from experienced trainers in a professional, supportive environment—delivered in Belgium or online

The **DevSecOps Foundation** course, developed by the **DevOps Institute** and accredited by **PeopleCert**, provides a practical introduction to the key principles and practices of DevSecOps. It is designed to help participants understand how to integrate security into every stage of the software development lifecycle—without slowing down innovation.

This course explores **the evolution and future of DevSecOps** and equips learners with the tools, vocabulary, and mindset needed to foster a culture of shared responsibility for security. Participants will gain the knowledge to drive collaboration between development, operations, and security teams, and implement scalable, automated security practices across their organization.

KEY OBJECTIVES OF THE DEVSECOPS FOUNDATION COURSE

- **Integrate Security into DevOps**: Learn to embed security early in the development lifecycle using practices like Security as Code and Compliance as Code.
- **Understand the Cyber Threat Landscape**: Identify vulnerabilities and countermeasures through threat modeling and awareness of common attacker tactics.
- **Enable Responsive DevSecOps**: Break down security silos by integrating security tools, practices, and automated KPIs into the DevOps pipeline.
- **Foster Collaboration & Shared Responsibility**: Bridge cultural gaps between security and DevOps teams to build trust, alignment, and shared goals.
- **Secure the CI/CD Pipeline**: Automate security testing and scanning within CI/CD processes to ensure continuous and scalable protection.
- **Adopt Lean & Scalable DevSecOps Practices**: Apply security across people, processes, and technologies with a value stream mindset to reduce waste.
- **Drive Continuous Improvement**: Use mentoring, gamification, and training to foster a culture of continuous learning and security evolution.

COURSE OUTLINE

The course includes a combination of presentations, hands-on exercises, quizzes, and group discussions. These interactive components are designed to reinforce your understanding of core DevSecOps principles and help you confidently apply them in your professional environment.

- **Module 1 – Realising DevSecOps**
  - The origins of DevOps
  - The evolution of DevSecOps
  - Understand the CALMS Values for DevSecOps
  - Understand the Three Ways and DevSecOps
  - Understand other frameworks and DevSecOps
- **Module 2 – Defining the Cyber Treat Landscape (CTL)**
  - What do we protect?
  - Understanding the Cyber Treat Landscape
  - What is a threat?
  - Who do we protect from?
  - Understand how to talk to security
- **Module 3 – Building a responsive DevSecOps model**
  - Why should DevSecOps be responsive?
  - DevSecOps outcomes and measures
  - Understand responsive DevSecOps models
- **Module 4– Integrating DevSecOps stakeholders**
  - DevSecOps state of mind and "good" culture
  - Understand what is at stake, through DevSecOps stakeholders
  - DevSecOps leadership and governance
- **Module 5 – Establishing DevSecOps best practices**
  - The foundations of DevSecOps transformation
  - The onboarding practices for stakeholders
  - Building DevSecOps practices and outcomes
- **Modele 6 – Best practices to get started**
  - Identifying target state and value stream thinking
  - Understand flow engineering for DevSecOps
  - Understand engineering feedback into DevSecOps value streams
  - Learning more about DevSecOps value stream engineering
- **Module 7 – DevOps pipelines and continuous compliance**
  - The goals of a DevSecOps pipeline
  - Designing DevSecOps pipelines
  - Using DevSecOps tools
- **Module 8 – Learning and outcomes**
  - Understand security training options and policies
  - The DevSecOps collective body of knowledge
  - About the exam

During the course there will also be **an exam preparation using the quizzes and sample papers** provided by the certification bodies. Students will be asked to prepare a sample paper as homework. They will be corrected and debriefed in class the next morning. **The exam is taken online with a remote proctor after the course.**

Who should attend ?

The **typical audience** for the *DevSecOps Foundation* course includes professionals involved in or impacted by DevOps, software development, and IT security. The course is designed for a broad range of roles across development, operations, and security teams, including:

- DevOps Engineers
- Security and Compliance Professionals
- Software Developers & Architects
- IT Operations and Infrastructure Teams
- Site Reliability Engineers (SREs)
- ...

PREREQUISITES

For the **DevOps Foundation** course, there are **no formal prerequisites**, making it accessible to a broad range of professionals. However, to get the most out of the training, participants are recommended to have the following: a basic familiarity with IT terminology and processes and/or an experience working in IT, development, or operations teams.

ABOUT THE EXAMINATION

The **DevSecOps Foundation** certification validates your understanding of key DevSecOps concepts, including terminology, core principles, practices, and automation techniques. It highlights the role of security as an integrated part of the development process—**Security as Code**—and the value it brings to modern organizations.

This certification is accredited and administered by **PeopleCert** on behalf of the **DevOps Institute**, ensuring a high standard of quality and recognition.

You will receive an exam voucher allowing you to take your exam online at a time and date of your choice, at home or at the office. If you are unsuccessful on your first attempt, a second chance is included in the registration fee.

Delivery	Online computer-based exam
Type	40 Multiple Choice Questions (MCQ)
Duration	1 hour (60 minutes) + extra time for non-native speakers or candidates with a disability
Minimum Pass Mark	65%
Open Book	This is an 'open book' exam. Official Training Materials can be used for study during the exam.
Validity	3 years form the date of issue of your certificate

TRAINING DOCUMENTATION

Participants will receive **a digital version of official learner workbook** with quizzes, activities, videos and case studies for each module. It has been designed to reinforce learning and add value to your course experience. **The learner kit** also includes a Quick Reference Guide, sample exam papers with answers and rationales, as well as additional resources that you can explore further to enhance your learning and understanding.

This package also includes a 1-year PeopleCert Membership+, which offers many advantages, including a second chance at your exam, access to online sample papers and webinars, and much more.