training code: ZP-DSOP-DOIen / ENG DL 2d / EN

DevSecOps Practitioner (DSOP)- accredited training with exam

DevSecOps Practitioner introduces a range of practices for advancing to a more comprehensive understanding of DevSecOps practices. Explore practical outcomes through finding the right mix of people, building processes to accelerate value, and comparing technological options available today. Tailored for recently transformed organizations who are looking to enhance DevSecOps skills and awareness.

THE AIM OF A TRAINING PROJECT:

- 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.

Training recipients

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

Benefits

Benefits for Individuals:

- DevSecOps Practitioner candidates should be prepared to ramp up their DevSecOps skills
- Personal skills benefits: Individuals will learn to work as a team, ask the right questions, and build the right metrics to accelerate the entire organization

Benefits for Organizations:

- Building a broader skill base
- DevSecOps Practitioner introduces challenging technical concepts in many areas
- Ensures teams can effectively communicate and achieve maturity in chosen practices
- Each element separates into people, process, and technology to emphasize integration, achievement and excellence

Training program

1. Module 1: DevSecOps Advanced Basics
    - Why Advance Practices?

- General Awareness
- People-Finding Them
- Core Process
- Technology Overview

2. Module 2: Understanding Applied Metrics
   - Metric Terms
   - Accelerating
   - People-Reporting and Recording
   - Integrating Process
   - Technology Automation
3. Module 3: Architecting and Planning for DevSecOps
   - Architecture Basics
   - Finding an Architect
   - Reporting and Recording
   - Environments Process
   - Accelerating Decisions
4. Module 4: Creating a DevSecOps Infrastructure
   - What is Infrastructure?
   - Equipping the Team
   - Design Challenges
   - Monitoring Infrastructure
5. Module 5: Establishing a Pipeline
   - Pipelines and Workflows
   - Engineers and Capabilities
   - Continuous Engagement
   - Automate and Identify
6. Module 6: Observing DevSecOps Outcomes
   - Observability vs. Monitoring
   - Who gets which Report?
   - Setting Observation Points
   - Implementing Observability
7. Module 7: Practical 3 rd Way Applications
   - Revisiting 3 rd Way
   - Building Experiments
   - Getting the Most from the Experiment
8. Module 8: The Future of DevOps
   - Looking Towards the Future
   - Staying Trained
   - Innovation
   - What, and from Who?

Expected preparation of the participant

An understanding and knowledge of common DevSecOps terminology, concepts, principles and related work experience are recommended.

Training Includes

- Access to a platform with accredited training materials
- Voucher for the DSOP online exam

Additional options:

- Take2 re-sit exam: 200 zł

  Attention: purchasing this option is only possible through Altkom Academy before the training.

The prices presented on the website apply to sales on the Polish market. For customers outside Poland, or in cases where the PeopleCert exam requires settlement under a different region, the final price may be adjusted in accordance with PeopleCert's applicable regional pricing policy. Please contact us to confirm the price and receive an offer tailored to your country/region: trainings@altkom.pl

Language

- Training: English
- Materials: English
- Exam: English

Examination method

The participants receive vouchers, which are valid for 6 months, for online exam.
Having completed the training, the participant receives an e-mail with guidelines how to register on the exam. The date is determined directly with PeopleCert, with the use of participant's account.
Online exam is conducted in the presence of proctor – a person from PeopleCert, who connects remotely with training participant's desktop and observes the course of exam via Internet camera.
The person who takes the exam is obliged to show the place where he is going to write the exam to proctor via Internet camera. Proctor checks if there are not any other persons and study aids in the room.

Duration

2 days / 16 hours

Examination description

DevSecOps Practitioner exam:

- exam duration 90 minutes
- 40 multiple-choice questions
- Required 65%, 26 correct answers
- Opened book