Publication date : 04/30/2024

Course : DevSecOps Foundation (DSOF), DevOps Institute certification

Practical course - 3d - 21h00 - Ref. DVF
Price : 1890 € E.T.

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Cette formation expose les pratiques de sécurité DevOps au sein d'une organisation. Les participants apprendront les avantages, les concepts et les applications de DevSecOps, ainsi que la notion de "sécurité en tant que code" pour rendre la valeur de la sécurité et de la conformité consommable en tant que service.

Teaching objectives

At the end of the training, the participant will be able to:

- Understand the purpose, benefits, concepts and vocabulary of DevSecOps
- Differentiate DevOps security practices from other security approaches
- Understand how DevSecOps roles fit into a DevOps culture and organization
- Be able to involve all company stakeholders in DevSecOps actions
- Preparing for the DevSecOps Foundation (DSOF) exam

Intended audience

Any professional involved in security in a DevOps context.

Prerequisites

Basic knowledge of IT services in general, including security and Agile methodologies (Scrum).

Certification

L'examen de certification DevOps Foundation de DevOps Institute est inclus dans la formation.

Remote certifications

See the certifier's official documentation for the list of prerequisites for completing the online certification exam.

PARTICIPANTS

Any professional involved in security in a DevOps context.

PREREQUISITES

Basic knowledge of IT services in general, including security and Agile methodologies (Scrum).

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

Practical details

Hands-on work

Preparation for the certification exam with exercises (MCQs) and mock exams with answers.

Teaching methods

Exposé théorique et participatif avec vérification de la compréhension au fur et à mesure de l'avancement par des exercices (QCM).

Course schedule

1 DevSecOps - Overview

- The origins of DevOps.
- The DevSecOps manifesto.
- CALMS and DevSecOps.
- The three ways.
- Other frameworks.

Hands-on work

2 The cyberthreat landscape

- What's the cyberthreat landscape like?
- The different types of threat.
- What are we protecting ourselves from?
- What to protect and why.
- Communication with safety teams.

3 Building a responsive DevSecOps model

- Model components.
- Technical, commercial and human spin-offs.
- What values should be measured?
- Triggers and thresholds.
- Incremental improvements.

4 Culture and stakeholders

- The DevSecOps mindset.
- What is "good" culture?
- DevSecOps stakeholders.
- Stakeholder issues.
- People, processes, technology and governance.

5 Setting up DevSecOps

- Start from where you are.
- Integrate people, processes, technology and governance.
- Continuous security for DevSecOps.
- Stakeholder integration process.
- Data-driven decision-making.

TEACHING AIDS AND TECHNICAL RESOURCES

• The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
• At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
• A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

6 Best practices for getting started

- Target identification.
- Think value chain.
- Analyze flows.
- Feedback.
- Learning.

7 DevOps pipelines and continuous compliance

- The objective of a DevOps pipeline.
- Why ongoing compliance is important.
- Archetypes and reference architectures.
- Coordination of the implementation of a DevOps pipeline.
- DevSecOps tools.

8 Learning by doing

- Training as policy.
- Experiential learning.
- Cross-disciplinary skills.

9 Exam preparation

- The collective body of DevSecOps knowledge.
- Exam tips.
- Situational testing under exam conditions.
- Mock exam with annotated correction.

Dates and locations

REMOTE CLASS
2026 : 25 Mar., 27 May, 5 Oct., 16 Dec.

PARIS LA DÉFENSE
2026 : 27 May, 5 Oct., 16 Dec.