

DevOps - Fundamentals

Increase your efficiency and resilience with DevOps

This course is an intensive two-day session covering the concepts of culture, organization, process, technology and measures, as defined by PeopleCert in the DevOps framework. This workshop is intended for practitioners or managers regularly involved in one or more basic activities of high-speed management of IT services. At the end of the course, participants will take an hour-long exam containing a multiple-choice questionnaire to obtain the international PeopleCert DevOps Fundamentals certificate.

DEVOPS VERSION

This course is based on the version of DevOps developed by the organization PeopleCert.

LANGUAGE

The course, the material and the exam are in English.

COURSE OBJECTIVES

In 2 days, participants will acquire the knowledge and skills necessary to:

- understand and describe the basics supporting the adoption of practices based on DevOps
- take the PeopleCert exam with confidence by applying their newly acquired knowledge;
- apply DevOps principles.

TARGET AUDIENCE

The personnel involved in the high-velocity delivery of IT services and highly automated environment, as well as those in a management position. Participants should preferably have three to six months' prior experience in an IT organization.

COURSE CONTENT

The following elements are covered in this course:

- History and introduction to DevOps
- Key principles of DevOps
- DevOps value
- DevOps culture, organization and 'leadership'
- The processes
 - ITSM
 - Agile and Scrum
 - Lean
 - Evolution of the 15 essential DevOps practices
- Concepts underlying C.A.L.M.S.
 - The 3 ways
 - Continuous delivery
 - The scope of the full stack
- Cloud technology, architecture and déploiement automatisation
- Measures and improvement

COURSE STRUCTURE

This course includes interactive presentations supplemented by classroom sessions and other exam-like exercises.

COURSE DURATION

2 days, including the final exam.

PREREQUISITES

None.

EXAM

PeopleCert's official DevOps fundamentals exam is included

Format: 40 multiple choice questions

Duration: 60 minutes.

It is recommended to follow the training with an accredited organization with accredited courseware and trainers.