



COURSE OUTLINE

DevOps Fundamentals

DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
2 Day(s)	Foundation	IT Service Management	In Class / Virtual Instructor Led	N/A

Course Overview

Candidates get guidance on how to work with DevOps practices and how to achieve better collaboration and communication.

PeopleCert DevOps Fundamentals course provides the candidate with solid knowledge and understanding of DevOps terms, principles, tools and practices, and how to use tools efficiently and effectively within a DevOps environment to achieve business goals, using a full-stack approach

Prerequisite

There are no mandatory prerequisites for the DevOps Fundamentals examination.

Audience

The Fundamentals level of the PeopleCert DevOps qualification scheme is aimed at anyone who wishes to become an efficient member of a DevOps environment.

PeopleCert DevOps Qualifications are designed for professionals in software and applications development, IT department, as well as business analysts, project and product managers, and anyone aspiring to gain knowledge of DevOps principles.

At course completion

With PeopleCert DevOps Fundamentals, you will learn about:

- History and need of DevOps
- Key concepts of DevOps
- Business value of DevOps
- Concepts underlying C.A.L.M.S., The Three Ways, continuous delivery, and the scope of the full stack
- DevOps culture, transformational leadership and DevOps structure and teaming
- Evolution of the DevOps Practices and the 15 essential practices of DevOps
- Agile project management and Scrum methodology
- Key concepts of cloud technology and virtualization, automation for deployment pipeline, and architecting for continuous delivery

Topics

Introduction: What is DevOps?

Module 1: The Urgency of DevOps

Module 2: Key DevOps Principles & Concepts

Module 3: The Full Stack – People & Culture

Module 4: The Full Stack – Processes & Practices

Module 5: The Full Stack – Technology & Automation

Vendor Annotation

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