

DevOps Leadership (3 Day)

The purpose of this qualification is to confirm that a candidate has sufficient knowledge, understanding of fundamental DevOps skills and is able to work effectively with, or as a leading member of, a DevOps environment, analyzing and applying these skills and knowledge. The **PeopleCert DevOps Fundamentals** certification is a pre-requisite for the **PeopleCert DevOps Leadership** certification.

Target Audience

This certification is the **second (Leadership) level** of the **PeopleCert DevOps** qualification scheme provided by PeopleCert and is aimed at anyone who wishes to become an efficient leading member of a DevOps environment and requires candidates to have and demonstrate a solid **knowledge** and **understanding** of DevOps terms, principles, tools and practices, as well as demonstrate their **application** skills of how to use tools efficiently and effectively. The certification can also cater for candidates seeking personal certification.

This certification will provide the **Leadership** level of knowledge to its holders and will certify that they have a solid understanding of DevOps Leadership practices using various tools and are able to apply these in everyday work involving DevOps practices. This basic level of skills & knowledge is covered in the **PeopleCert DevOps Fundamentals** level of the qualification scheme provided by PeopleCert.

Learning Objective

At the Leadership level course, candidates will be introduced to concepts, terms, principles and tools used by DevOps Leadership to clarify, plan and approach a DevOps Transformation, validate and sustain a DevOps transformation, how the DevOps Full Stack approach can be engaged and implemented within the organization, as well as why DevOps Leadership is needed in modern enterprises, and how it can be aligned to value delivery. In addition, Scrum methodology, people and culture implications as well as the practices, processes, automation and technology used for adapting DevOps within an organization.

Holders of PeopleCert DevOps Leadership certification, will be able to demonstrate their knowledge, understanding and practical application of:

- What is leadership and what is leadership for DevOps
- How to lead an organization through a DevOps transformation
- Establish the need for urgency for DevOps
- Clarify & align business objectives
- Create a vision and strategy for transformation
- Identify and influence the vital stakeholders
- Lead a culture of self-organized, cross-functional teams
- Gather, broadcast and Implement feedback
- Enable flow across the value stream

Learning Objective *(continued)*

- Break work into iterations to accelerate learning and experimentation
- Lead for continuous delivery
- Lead a culture of continual improvement
- Lead for innovation
- Improve organizational resilience & sustainability

Course Topics

Introduction: What is DevOps Leadership?

Module 1: Clarifying & Aligning the DevOps Transformation to Value Delivery

Module 2: Planning & Approaching the DevOps Transformation

Module 3: Engaging & Implementing the DevOps Full Stack

Module 4: Validating Results & Sustaining the DevOps Transformation

Exam

In order to be eligible for the PeopleCert DevOps Leadership level examination a candidate must be able to demonstrate knowledge and understanding of basic DevOps Leadership terms, principles, processes, practices and be able to apply and analyze this knowledge in real situations assisting DevOps transformation within a modern enterprise and it is recommended that the candidate has received related Accredited Training by a PeopleCert accredited training partner.

20 Multiple Choice Questions (MCQ). Each question is awarded one (1) mark

The exam is 1 hour and is 20 multiple choice questions. A 70% (14 marks out of 20) score is needed to pass.