

# **PeopleCert**

## **DevOps Leaders (Advance)**

### **Overview**

The Leadership level of the PeopleCert DevOps qualifications scheme is aimed at anyone who is managing a DevOps team or aspiring to lead a cultural shift towards DevOps practices.

### **Managing the DevOps cultural shift**

Candidates will learn the concepts, terms, principles and tools used by DevOps Leadership to approach, validate and sustain a DevOps transformation. The main goal of the course is to learn how to manage a team culture shift and how to introduce unfamiliar workflow processes across more than one team.

### **Aligning to business value delivery**

During the course, candidates will examine how the full-stack approach can be engaged and implemented within the organisation, why DevOps Leadership is needed in modern enterprises, and how it can be aligned to business value delivery. The PeopleCert DevOps Leadership course equips candidates with solid knowledge regarding the practices, processes, automation and technology used for adapting DevOps within an organisation, along with Scrum methodology, people and their cultural implications.

### **Who Should Attend?**

- Anyone interested in modern IT leadership and organisational change approaches
- IT team leaders, managers, directors and business stakeholders
- Practitioners and change agents
- DevOps tool providers, systems integrators, and consultants

### **PeopleCert DevOps Leadership addresses the needs of:**

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

### **PeopleCert**

DevOps Leadership Certificate

### **PeopleCert**

Governing Body

## **Examination Body**

PeopleCert

## **Duration**

3 days

## **Course Outline**

### **Course Introduction**

- Course Goals
- Course Agenda

### **Module 1: DevOps and Transformational Leadership**

- Current Definitions of DevOps
- Benefits of DevOps
- Transformational Leadership

### **Module 2: Unlearning Behaviours**

- Psychological Safety and Neuroscience
- Mindset, Mental Models and Cognitive Bias
- Governance, Risk and Compliance (GRC) and DevOps

### **Module 3: Becoming a DevOps Organization**

- How DevOps Differs
- DevOps Kaizen
- Building Safety In

### **Module 4: Measure to Learn**

- Avoiding Measure to Target
- Creating a Current Value Stream Map

### **Module 5: Measure to Improve**

- The Improvement Kata and Experiments
- Creating a Future Value Stream Map

### **Module 6: Target Operating Models and Organizational Design**

- Conway's Law
- DevOps TOM Design Principles

### **Module 7: Articulating and Socializing Vision**

- Organizational Change in Large Enterprises
- Empowering People

- Broadcasting Outside of Your Organization

## **Module 8: Maintaining Energy and Momentum**

- The DevOps Business Case
- Culture and Climate
- A High-Trust Culture

## **Prerequisites**

- Completion of an accredited course
- DevOps Foundation® Certificate

## **Exam**

- Number of questions: 40 multiple choice questions
- Pass mark: 65% (26 out of 40)
- Open book/notes: no
- Exam duration: 90 minutes (additional time if English is not a candidate's native language)