

DASA DevOps Professional: Enable and Scale

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Porto
- **Data:** 14 Dez. 2020 a 15 Dez. 2020
- **Preço:** 1380€
- **Horário:** Laboral - das 09h00 às 17h00
- **Nível:** Intermédio
- **Duração:** 14 horas

Digital transformation is changing the face of businesses and will continue to do so. Organizations are being challenged to develop the ability to deliver the digital services their customers need to survive on the market. DevOps is the key to mastering this ability and maximizes the IT value flow to customers. DevOps creates an improved ability to design, develop, deploy and operate software and services. Higher customer satisfaction, better quality, faster delivery, more engaged staff and lower costs are all benefits.

This **DASA DevOps Professional: Enable and Scale** (formerly known as DevOps Practitioner) training course provides the actual practitioners tasked with implementing and working according to the DevOps principles with the training they need to put DevOps successfully into practice.

The course was developed to reinforce and hone the skills and knowledge areas needed to deploy DevOps in your organization. The DevOps Professional: Enable and Scale course focuses on improving the skill set of the DASA competency model, which includes competencies like Courage, Teambuilding, DevOps Leadership, and Continuous Improvement.

This DevOps Professional: Enable and Scale training course builds upon the foundation laid by the DevOps Fundamentals course. The foundation consists of an in-depth introduction to DevOps and understanding the DevOps principles and Agile practices.

About the DevOps Agile Skills Association (DASA)

The aim of DASA is an open, global initiative to advance DevOps competencies and professionalize the state of the practice. DASA has developed a competency model and training curriculum. We believe that the skills and attitude of team members and team leaders are essential for the creation of successful DevOps teams. For more information visit <https://www.devopsagileskills.org/>

Destinatários

- Individuals involved in IT development, IT operations, or IT Service Management
 - Individuals whose role are affected by DevOps and continuous delivery, such as:
 - DevOps Engineers
 - Product Owners
 - Integration Specialists
 - Operations Managers
 - Incident and Change Managers
 - System Administrators
 - Network Administrators
 - Business Managers
 - Automation Architects
 - Enterprise Architects
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Pré-requisitos

- Required: DASA DevOps Fundamentals Certificate
 - Recommended: Basic familiarity with Agile, Scrum, Lean, and ITSM principles
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Objetivos

At the end of this course, you will be able to:

- Explain the importance of DevOps culture and the aspects that can influence it.
 - Explain why courage, teambuilding, leadership, and continuous improvement are required in a DevOps environment.
 - Explain why courage is essential to enable trust, honesty, and experimentation.
 - Identify and evaluate different types of behavior in a DevOps environment.
 - Recognize the signals indicating impediments and/or team dysfunctions.
 - Describe how to form good DevOps teams and assess their maturity.
 - List the effects of happiness and motivation on team performance.
 - Identify how leaders encourage feedback and transparency.
 - Discuss the factors that leaders can influence to build trust.
 - Explain how and why leaders promote a “Safe to fail” environment.
 - Analyze value streams to improve throughput and flow.
 - Facilitate the tools for continuous improvement: structured problem-solving workshops, Story Mapping sessions, and retrospectives.
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Course Introduction

- Let's Get to Know Each Other
- Course Overview
- Course Objectives
- Course Agenda
- Course Book
- Group Discussions
- Exam

Teambuilding

- Design Teams:
 - Introduction to a DevOps Team
 - Characteristics of a DevOps Team
 - Boundaries for a DevOps Team
- Build Teams:
 - Creating High Performance Teams
 - Feedback: Giving and Taking
 - Shared Responsibility and Accountability
- Governance:
 - Governance on Three Levels
 - Governance Within a Team
 - Governance Between Teams
 - Governance Between Organizations
 - Scaling
 - External Suppliers

DevOps Leadership

- Build Culture:
 - Create the Right Environment
 - Change the Habitual Behavior
 - Fail Fast to Improve
 - Maintain the Agile Soil
- Create Purpose:
 - Know the Importance of Storytelling
 - Define the Purpose of Having a Purpose
 - Relate Alignment with Autonomy
- Be a Servant Leader:
 - Give Control to the Team
 - Inspire and Support the Team
 - Make Your Own Leadership Manifesto
- Focus on Success:
 - Customer Value and Team Success
 - Measure and Steer Value

Courage

- Build Courage:
 - Importance of Courage
 - Out of Your Comfort Zone
 - Resilience
 - Courage in Relationship with Leadership and Feedback
 - Courage at the Team Level
 - Dealing with Failure
- Think Different:
 - Think Different on a Day-to-day Basis
 - During Standups
 - Standup from Hell
 - 10th Man Rule
 - Think Different in an Organized Way
 - Open Allocation Time
 - Guilds

Value - Customer Centric Action

- Different Aspects of Value:
 - Customer Value
 - The Different 'Voices'
- Stakeholder Management:
 - Know Your Stakeholders
 - Categorize the Stakeholders
- Combining Lean Startup and DevOps:
 - The Lean Startup Process
 - The Lean Startup Versus Chaos
 - Combining the Lean Startup and DevOps
- The Power of Story Mapping:
 - Product/Service Development Approaches
 - Need for Story Mapping
 - Creating Story Maps

Continuous Improvement

- Build Flow:
 - Build Optimal Flow
 - Multitasking and One Piece Flow
 - Little's Law and Optimization of Process Lead Time
 - Valualize Flow
 - Flow and Resource Utilization
- Types of Continuous Improvement:
 - Kaizen
 - Radical Change

- Continuous Improvement Tools:

- Kaizen Event
- Value Stream Mapping
- Visual Management
- Retrospective
- Daily Standup
- Five Times 'Why'

Exam Preparation Guide

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