

COURSE OVERVIEW

Course Name:
(MC-DOF) DevOps
Fundamentals

COURSE DURATION: 2 Days

Gauteng:

3rd Floor, 34 Whitely Road
Melrose Arch
Johannesburg
2196

Gauteng:

192 on Bram
192 Bram Fischer Drive
Ferndale, Randburg
Johannesburg
2160

Cape Town:

3rd Floor, Thomas Pattullo Building
19 Jan Smuts St
Cape Town
8000

Durban:

9 Mountview Close
Broadlands
Mount Edgecombe
Durban
4302

 **087 941 5764**

 **sales@impactful.co.za**

 **impactful.co.za**

INTRODUCTION

Gain an understanding on the importance of communication, collaboration, integration, and automation in the DevOps movement, as critical factors, that improve the workflow between software developers and IT operations professionals and support organisations in their digital transformation journey. Learn through hands-on guidance how the DevOps cultural and professional movement supports organisational efforts to reduce costs, while increasing agility, speed of execution, and output quality. 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.

DELIVERY METHOD

Our courses have flexible delivery options:

- In-person classroom training at the Impactful training facilities
 - Johannesburg, Durban, Cape Town
- Virtual instructor-led training
- Nationally: on-site at the client

INTENDED AUDIENCE

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.

PREREQUISITES

None.

COURSE OVERVIEW

- 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

COURSE CONTENT

- Key concepts of DevOps
- Business Value of DevOps
- 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

ASSOCIATED EXAMS AND CERTIFICATION

There are 40 questions in the exam. You will get an hour to solve the DevOps Foundation Exam Questions. The score you need to pass the test is 65 percent. That means you have to get at least 26 out of the 40 questions correct.