

Module Title : **DevOps: Fundamentals**

Duration : **3 days**

Overview

This 3 day course is the prerequisite for all other courses in the DASA Certification Scheme.

The Fundamentals level course provides an introduction to DevOps – a very strong cultural and professional movement that stresses communication, collaboration, integration and automation to improve workflows and efficiencies between software development, IT operations and IT Service Management (ITSM) professionals. Improved workflows enable IT organizations to deliver greater business value by improving the ability to rapidly design, develop, deploy and operate reliable software and services.

There are many myths and misconceptions about what is and what is not DevOps and Agile. The key objective of this course is to debunk these myths. You will gain new insights and a deeper understanding that you can use to immediately benefit your own environment, and build a plan to improve your IT organization and service delivery.

One of the most persistent problems confronting IT organizations today is delivering innovation effectively and very efficiently. We coined the phrase, *IT @ The Speed of Change*, to emphasize the very bold, extremely fast-paced new business world we live in today – unlike any other time in our industry. The good news is, with these unprecedented challenges come amazing opportunities!

Completing this highly practical course and achieving certification validates that you know specific principles, methods, models, and tools that are all essential to becoming a valued DevOps and Agile professional within your organization.

Target Audience

The DevOps Fundamentals course is designed for anyone in IT software development, IT operations, and IT Service Management, and is especially beneficial for IT professionals who:

- Want to learn what DevOps really means, and want to understand its core principles
- Want to gain an understanding of the culture changes needed to *adapt*, *adopt* and *apply* DevOps
- Are seeking to better understand the relationships between DevOps and Agile, Lean, and ITSM
- Are involved in IT Software Development, IT Operations or ITSM and want to instill a culture of collaboration and increased communication across the enterprise

- Work within or are about to enter an Agile service design environment and require a detailed understanding of the concepts involved in interfacing Agile and DevOps

Prerequisites

There are no pre-requisites for the DevOps: Fundamentals course.

EXAM, CERTIFICATION & AWARDS

This course prepares participants for the examination leading to the DevOps: Fundamentals Certificate, granted by DASA.

- Exam is 1 hour, closed book
- Exam is only available in web based format with live web cam proctoring. Course attendees will receive an exam voucher
- The exam consists of 40 multiple choice questions
- A passing score of 65% is required to achieve certification

WE ALSO RECOMMEND

Courses you can take before or after this one include:

- DevOps Practitioner
- Lean IT Foundation: Understanding Lean IT Principles & Objectives
- Lean IT Leadership
- ITIL® Foundation
- ITIL Practitioner: Enabling Critical Competencies

