# DevOps Awareness

**Product Type:** DevOps Awareness
**Level:** Awareness
**Domain:** DevOps
**Duration:** 1 Day
**Language:** English (en-US)
**Delivery Format:** Onsite or Virtual – Instructor Led

## Course Description:

What is DevOps? Is it for the Development and Operations teams? How it is helpful for the IT professionals? What are the opportunities or career path in the DevOps field? The DevOps Awareness course helps you know the answers of those questions. DevOps Awareness is a 1-day course that is designed to provide the basic education required to build your DevOps vocabulary and understand its principles and practices.

## Audience:

- Individuals involved in IT development, IT operations or IT service management
- Individuals whose role is touched by DevOps and continuous delivery, such as the following IT roles:
  - DevOps engineers
  - Product owners
  - Integration specialists
  - Operations managers
  - Incident & change managers
  - System administrators
  - Network administrators
  - Business managers
  - Automation architects
  - Enterprise architects
  - Testers

## Learning Objectives:

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

- Discuss the drivers responsible for the emergence of DevOps.
- Define and discuss the key concepts and principles of DevOps.
- List and explain the business benefits of DevOps and continuous delivery.
- Describe the Service Delivery process.
- Explain the automation concepts for the software delivery process.
- Describe how DevOps relates to Lean and Agile methodologies.

## Prerequisites:
- Basic familiarity with Agile, Scrum, Lean, and ITSM principles is beneficial

## Course Materials:
- o Course Book (eBook or printed)
- For Instructors
  - o Presentations
  - o Presentations as PDF
  - o Instructor Guide

## Course Agenda:

| Day 1 |
|---|
| 1. Course Introduction |
| 2. DevOps Introduction |
| 3. DevOps and IT Aspects |

## Course Outline:

### Module 1: Course Introduction
- Let's Get to Know Each Other
- Course Overview
- DASA Competence Framework
- Knowledge Areas and Skill Areas
- Competence Framework in Practice
- Course Objectives
- DASA: Mastering DevOps in Practice (Knowledge and Skills)
- Course Agenda
- Type of Activities
- Course Book
- Group Activity
- Module Summary

### Module 2: DevOps Introduction
- Module Objectives
- Module Topics
- Emergence of DevOps
- Core Principles of DevOps
- Module Summary
- Module End Questions

### Module 3: DevOps and IT Aspects
- Module Objectives
- Module Topics
- Culture
- Organization
- Processes

- Automation
- Module Summary
- Module End Questions

# Course Specific Delivery Information

**Accreditation Requirements**
The course is accredited by: [DASA - View Accreditor Fact Sheet](#)

**Ordering Information:**
- Description: DevOps Awareness Course
- Code: DvOps1005

**About The Seller**

The DevOps Agile Skills Association (DASA) is an open, global initiative to develop standards for DevOps competencies that will benefit the individual, team, and organization. ITpreneurs is a DASA Courseware Partner, and Optimal Connections is both an accredited ITpreneurs training organization and a DASA Training Partner.

The DASA DevOps exams are delivered by APMG and iSQI. Exams for DASA DevOps portfolio can be taken on the last day of the course in the classroom or by using a web proctor.