

# DevOps Awareness

## Course Information

**Certification:** NA

**Duration:** 1 Day

**Domain:** DevOps

**Delivery Method:** Classroom, Virtual Classroom

**Languages:** English, Thai

### 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:

- Course Book (eBook)

## 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