

# DASA DEVOPS FUNDAMENTALS™

## Module 1: Course Introduction

- Let's Get to Know Each Other
- Module Objectives
- Module Topics
- DASA DevOps Fundamentals - An Introduction
- DevOps Agile Skills Association (DASA)
- Module Summary

## Module 2: DevOps Introduction

- Module Objectives
- Module Topics
- DevOps Evolution
- Key Concepts of DevOps
- DASA DevOps Principles
- Module Summary
- Module End Questions

## Module 3: Culture

- Module Objectives
- Module Topics
- Embracing a DevOps Culture
- Core Elements of a DevOps Culture
- Implementation of a DevOps Culture
- Module Summary
- Module End Questions

## Module 4: Organization

- Module Objectives
- Module Topics
- Business Structure

- Autonomy in Teams
- DevOps Impact on Architecture
- DevOps Governance
- Module Summary
- Module End Questions

## **Module 5: Processes**

- Module Objectives
- Module Topics
- Process Basics
- DevOps in Relation to ITSM
- Agile and Scrum
- Optimizing Processes Using Lean
- Business Value Optimization and Business Analysis Using Story Mapping
- Module Summary
- Module End Questions

## **Module 6: Automation**

- Module Objectives
- 6A Automation Concepts Topics
- Software Delivery Automation Concepts
- Continuous Delivery Core Concepts
- Continuous Delivery Automation Concepts
- Continuous Delivery Automation Focus Topics
- 6B Data Center Automation Topics
- Cloud Technology and Principles
- Cloud Services Concepts in a DevOps Organization
- Module Summary
- Module End Questions

## **Module 7: Measure and Improvement**

- Module Objectives
- Module Topics
- Importance of Measurement
- Choosing the Right Metrics

- Monitoring and Logging
- Module Summary
- Module End Questions