DTE - DevOps Test Engineering®

Overview

Course Code		DTE	Duration		2.0 days

DevOps Test Engineering (DTE) Certification Course, A DevOps test engineer is an individual accountable for testing software in a DevOps environment. This sixteen (16) hour course describes culture and team aspects for test engineering, test strategies, test infrastructures, test tools, test automation, best practices, test management and analysis

Audience

• Anyone involved in defining a DevOps Testing strategy

• Quality Assurance Managers

• Testers and Quality Assurance Teams

• Software Engineers and DevOps Engineers

• IT Managers

• Project Managers

• Lab staff

• Release Managers and delivery staff

• Maintenance and support staff

• Anyone involved in testing tool selection

Pre-Requisites

• DevOps Foundation® certification course

• Completion of pre-class assignment

• General knowledge of software quality assurance testing concepts

Key Topics

Module 1: DevOps Testing Concepts, Terms & Benefits

Module 2: DevOps Testing Teams and Roles

Module 3: DevOps Testing Strategies

Module 4: DevOps Testing Infrastructure and Tools

Module 5: DevOps Test Plan Best Practices

Module 6: DevOps Test Automation Best Practices

Module 7: DevOps Test Management and Analysis Best Practices

Objectives

The learning objectives for DTE include a practical understanding of:

• The purpose, benefits, concepts and vocabulary of DevOps testing

• How DevOps testing differs from other types of testing

• DevOps testing strategies, test management, and results analysis

• Strategies for selecting test tools and implementing test automation

• Integration of DevOps testing into Continuous Integration and Continuous Delivery workflows

• How DevOps testers fit with a DevOps culture, organization, and roles