Using ALM/Quality Center v12.5

Course Summary

Description

This course covers the main functionality of ALM/Quality Center from defining Releases and Cycles, Requirements, Test Planning and Executions, through Defect Tracking. The information presented will cover how a user can organize and track information over the lifecycle of a test project.

Topics

- Management Module
- Working with Requirements
- Test Planning
- Test Execution
- Defect Tracking
- ALM Synchronizer
- HP Sprinter

Audience

Quality assurance engineers, testers and business analysts.

Prerequisites

There are no prerequisites for this course.

Duration

Five days

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Course Outline

I. Management Module
    A. Working with Releases
    B. Understanding the relationship between releases, milestones and cycles
    C. Creating a release tree
    D. Assigning requirements to releases and cycles
    E. Assigning tests to releases and cycles

II. Working with Requirements
    A. Understanding requirement types
    B. Building a requirements tree
    C. Linking requirements to defects, tests, test configurations
    D. Requirements traceability
    E. Coverage analysis
    F. Risk analysis
    G. Reporting and tracking requirements
    H. Pinning Requirements

III. Test Planning
    A. Working with Test Cases
    B. Subject Tree and Test Grid Views
    C. Creating Test Cases
    D. Defining test steps and parameters
    E. Test Configurations
    F. Reporting and tracking test plans

IV. Test Execution
    A. Working With Test Sets
    B. Test sets, cycles and releases
    C. Creating test sets
    D. Executing tests and test configurations
    E. Test Scheduling
    F. Results

V. Defect Tracking
    A. Managing Defects
    B. Tracking Defect changes and history
    C. Associating defects to other entities
    D. Tracking the status of defects

VI. ALM Synchronizer
    A. Setting up a HUB project for defects
    B. Navigating the interface
    C. Synchronizing defects across multiple projects

VII. HP Sprinter
    A. Introduction to HP Sprinter
    B. Running tests with HP Sprinter
    C. Basic test execution
    D. Exploratory Testing
    E. Power Mode
    F. Data Injection