

BMC AMI DevX TOTAL TEST

BMC AMI DevX Total Test 20.x: Fundamentals Concepts (WBT)

[Learning Path >](#)

Course Code: CPKT-CONT-F2010

Modality

Web-based Training (WBT)

Duration

1 Hour

Applicable Versions

- BMC Compuware Topaz for Total Test 20.08+
- BMC AMI DevX Total Test 20.14+

Target Audience

- Developers (Testers)

Course Overview

BMC AMI DevX Total Test (formerly BMC AMI DevX Total Test) is an automated testing solution that enables developers and testers to test mainframe programs and subprograms almost immediately after updating a piece of code. Performing automated testing through Total Test increases the effectiveness and coverage of software testing, lowers failure rate, and ensures higher-quality software. BMC AMI DevX Total Test is available from BMC AMI DevX Workbench for Eclipse (formerly BMC AMI DevX Workbench for Eclipse), which is an Eclipse-based IDE. This web-based course provides learners a comprehensive understanding of fundamental concepts related to automated testing, types of testing, and the need for variations in testing. The course introduces the perspective and views in Total Test, basic preference settings for tests, and the differences between test scenario and test case in Total Test. The course also helps learners understand the most important aspects involved in analyzing a test requirement before performing an automated test in Total Test.

This course was created with the former Compuware names, but the content is valid for users of both versions. The course lessons have not been changed to reflect the new names.

Prerequisites

- NA

Recommended Trainings

- Basic working knowledge of BMC AMI DevX Workbench for Eclipse (Topaz Workbench)

Learning Objectives

- Explain different types of automated testing in Total Test.
- Differentiate between virtualized and non-virtualized testing.
- Identify different views in Total Test perspective.
- Explain the settings in Topaz for Total Test preferences.
- Discuss the concepts of test scenario, test case, and test suite in Total Test.
- Explain the concept of assertions in test cases and stubs.
- Explain variations in testing and the purpose of each test.
- Describe how to analyze a test program before using Total Test.

Course Modules

Module 1: Topaz for Total Test Overview

- Introduction to Automated Testing
- Automated Testing with Topaz for Total Test

Module 2: Topaz for Total Test Perspective

- Topaz for Total Test Perspective and Views
- Topaz for Total Test Preferences
- Test Scenario, Test Case, and Test Suite
- Assertions

Module 3: Variations in Testing

- Positive, Boundary, and Negative Testing
- Date/Time Testing and Regression Testing
- Baseline Testing and Re-baseline Testing

Module 4: Analysis for Automated Testing

- Need for Preparation
- Analysis

Discount Options

Have multiple students? Contact us to discuss hosting a private class for your organization.

Contact us for additional information 