



BMC AMI DevX Total Test 20.x: Fundamentals

Preparing a Test Program (WBT)

COURSE ABSTRACT

COURSE CODE

- » CPKT-PRPG-F2010

APPLICABLE VERSIONS

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

DELIVERY METHOD

- » Web-based Training (WBT)

COURSE DURATION

- » 2 hours

PREREQUISITES

- » None

RECOMMENDED TRAININGS

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

Course Overview

BMC AMI DevX Total Test (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 the 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), an Eclipse-based IDE.

In this web-based course, learners will understand how to prepare a mainframe test program before they can perform automated testing using Total Test. The course demonstrates how to scan test programs, generate runtime visualization, create a debugging session, generate code coverage reports, and optimize test data using functionalities and tools, such as Shared Services, Scan Utility, Runtime Visualizer, and BMC AMI DevX Code Debug (formerly BMC Compuware Xpediter). The course is presented as interactive simulations and demonstrations that guide the learners on performing the steps involved in preparing a test program 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.

Target Audience

- » Developers
- » Testers

Learner Objectives

- » Compile the test program with Shared Services.
- » Execute Scan Utility to scan programs and identify unsupported functionalities.
- » Create BMC AMI DevX Code Debug Configuration.
- » Use Runtime Visualizer to generate a sequential visualization of the test program.
- » Right-size data in a test program.
- » Run BMC AMI DevX Code Coverage to test the execution of code.



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COURSE ABSTRACT

COURSE ACTIVITIES

- » Presentations
- » Interactivities
- » Demonstrations
- » Simulations
- » Quiz


BMC COMPUWARE TOPAZ FOR TOTAL TEST LEARNING PATH

- » <https://www.bmc.com/education/courses/bmc-ami-devx-training.html>

CERTIFICATION PATH

- » This course is part of the BMC Compuware Topaz for Total Test learning track.

DISCOUNT OPTIONS

- » Have multiple students? Contact us to discuss hosting a private class for your organization
- » [Contact us for additional information](#) 

Course Modules

Module 1: Compile the Test Program with Shared Services

- » Need for Source Support
- » Xpediter Eclipse: DDIO
- » Source Shared Directories

Module 2: Run the Scan Utility

- » Topaz for Total Test Control Library
- » Prepare and Run the Scan Utility
- » Review Content

Module 3: Create an Xpediter Debug Configuration

- » Create an Xpediter Batch Debug Configuration
- » Create an Xpediter CICS Debug Configuration

Module 4: Use Runtime Visualizer

- » Execute Runtime Visualizer
- » Interpret Runtime visualization

Module 5: Right-size the Test Data

- » Test Data - The Problem
- » Test Data - The Solution

Module 6: Run Xpediter for Code Coverage

- » Collect code coverage using Xpediter

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