

# Automated Testing for Mainframe Applications 100

## EDUCATION COURSE DESCRIPTION

### **SUPPORTED PRODUCT RELEASE(S)**

N/A

### **COURSE TYPE, LENGTH, & CODE**

- Web-based Training (WBT)
- .75 hours
- 06MFO12010

### **WHO SHOULD ATTEND**

- Application Administrator
- Application Developers
- Software Development Engineers
- QA Testers
- DevOps Architect
- DevOps Engineers

## **Course Overview**

Automated testing is a method used within software testing that uses dedicated software to execute scripted tests and compares the results with the anticipated results. All of this is done with little or no human interaction.

This course is designed to introduce you to the concept of automated testing for mainframe applications and introduce you to one example of the many products available for your automated testing needs.

## **This Course Will Show You How To:**

- Define Automated Testing
- Articulate Benefits & Roadblocks
- Define SDLC and how it fits into Automated Testing
- Define Testing Frameworks
- Articulate how Automated Batch Testing works
- Explain the Test4z APIs & SDK

## Course Agenda

### Module 1: Mainframe Testing Approach

- Introduction to Testing
- Automated Testing
- System Development Lifecycle

### Module 2: Running Automated Tests

- What are Testing Frameworks
- Introduction to Batch Application Testing
- Introduction to Test4z

## Course Resources

### Communities

<https://community.broadcom.com/mainframesoftware/communities/communityhomeblogs?CommunityKey=dd330383-b0e6-436f-beb4-fbefaf77eae2>

### Documentation

<https://techdocs.broadcom.com/us/en/ca-mainframe-software/devops/ca-brightside/3-0.html>

### Product Information

<https://www.broadcom.com/products/mainframe/application-development/brightside>