ABSTRACT

BMC AMI DEVX

BMC AMI DevX Code Coverage 17: Using Exam

Learning Path >

Certification Code: CPCC-USNG-1702-EXA

Modality	Duration	Applicable Versions	Target Audience
Online – Live Proctored	2 Hours	17.02	• Application Developers • Software Testers

Purpose of Exam

BMC AMI DevX Code Coverage helps users understand how effectively application code is exercised during testing. Knowledge of BMC AMI DevX Code Coverage helps users collect coverage data, analyze coverage results, identify coverage gaps, and assess the completeness of application testing.

As an application developer, programmer, or tester, you can use BMC AMI DevX Code Coverage to collect Code Coverage data, create and manage coverage analysis requests, review coverage results and annotated listings, apply filters for targeted analysis, and use coverage findings to guide testing activities. Understanding Code Coverage concepts, coverage metrics, analysis techniques, and reporting capabilities can help users identify untested code and improve the effectiveness of application testing.

The BMC AMI DevX Code Coverage 17: Using Exam validates the knowledge required to prepare for and collect Code Coverage data, create coverage analysis requests, analyze Code Coverage results, refine and apply coverage analysis, and understand additional considerations for using Code Coverage across testing scenarios.

This exam is part of the BMC AMI DevX Code Analysis and Debugging Professional certification track.

Note: In addition to English, the exam is available in French, German, Italian, Japanese, Korean, Portuguese, Simplified Chinese, and Spanish.

Skills Tested

Participants will be tested on their knowledge of the following:

- Code Coverage concepts, terminology, benefits, and coverage data
- BMC AMI DevX Code Coverage architecture and data flow concepts
- Code Coverage repository creation and coverage data collection
- Coverage analysis and report request creation and management
- Report criteria, organization, and summary levels
- Statement and branch coverage measurement concepts
- Coverage percentages, metrics, and test completeness analysis
- Annotated listings, coverage indicators, and Annotations view analysis
- Coverage gap investigation and testing opportunity identification
- Code Coverage filters and targeted coverage analysis
- Coverage analysis across tests and programs
- Application of coverage findings to guide testing activities
- Code Coverage optimization and Test Data Optimization (TDO) concepts
- Code Coverage application across different testing scenarios and common Code Coverage considerations

For detailed information about these topics, refer to the course abstract(s) for the recommended course(s).

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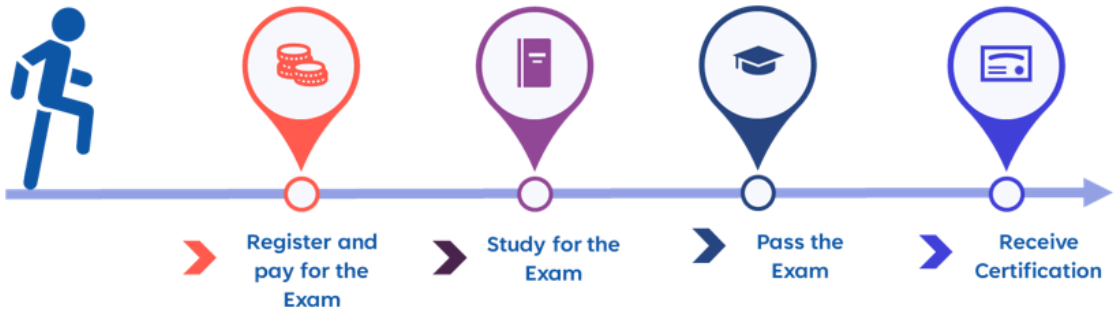
Recommended BMC Software Courses to Prepare for the Certification

The following course offered by BMC Education Services prepares the participants to take the exam and improve their knowledge and skill level to help build proficiency with the solution:

- BMC AMI DevX Code Coverage 17: Using Workbench for VS Code (WBT)
- BMC AMI DevX Code Coverage 17: Coverage Analysis Using Workbench for Eclipse (WBT)

Getting Started

Step 1. Register and pay for the exam.
Step 2. Study and prepare for the exam.
Step 3. Follow the instructions in your confirmation/registration email received after step 1.
Step 4. Take and pass the exam.
Step 5: Receive the completion badge.



Examination Details

- Exam is an online Live proctored exam.
- Further details and terms and conditions are available in the BMC Certifications Program Guide and BMC Education Certification Policy.

Additional Recommended Resources to Study

- **BMC AMI DevX Code Coverage Document**

Recommended Experience

- 0-1 year of job experience in BMC AMI DevX Workbench for Eclipse and BMC AMI DevX Workbench for VS Code

Retake Policy

- Participants who fail the exam make another attempt after waiting one week (7 days).
- Participants get to take up to 2 attempts per purchase.
- Participants purchase the exam again after 2 failed attempts.

Exam Registration

Choose from the following options to register for a BMC Education Services Exam:

- Register online for BMC Software certification exam at: www.bmc.com/education
- Contact your **BMC Education Advisor** for help with registration

Discount Options

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

Contact us for additional information

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