

# BMC AMI DevX Code Debug 17: Using Exam

[Learning Path >](#)
**Certification Code: CPCD-USNG-1702-EXA**

| Modality              | Duration | Applicable Versions | Target                                                                   |
|-----------------------|----------|---------------------|--------------------------------------------------------------------------|
| Online – AI-Proctored | 2 Hours  | 17.02               | <ul style="list-style-type: none"> <li>Application Developers</li> </ul> |

## Purpose of Exam

**BMC AMI DevX Code Debug** is a debugging tool that allows mainframe developers to perform effective analysis and faster debugging operations in a secure environment. Developers can perform these operations from the Workbench Eclipse, ISPF, and the Workbench VS Code interface.

BMC AMI DevX Code Debug for TSO is a source-level testing and debugging solution that helps developers test, diagnose, and resolve issues in mainframe applications. It supports interactive and batch debugging across multiple languages and environments, including COBOL, Assembler, PL/I, IMS, and Db2.

BMC AMI DevX Code Debug for VS Code enables developers to perform interactive code debugging directly from the Visual Studio Code interface. It supports debug launch configurations for Batch, CICS®, and IMS TM MPP programs, providing a streamlined debugging experience within a modern development environment.

BMC AMI DevX Code Debug for Eclipse enables developers to perform interactive code debugging from the Eclipse Workbench interface. It supports program compilation and debug launch configurations for Batch, CICS®, Db2 Stored Procedure, and IMS MPP programs, providing an integrated environment for application debugging.

The **BMC AMI DevX Code Debug 17: Using Exam** validates the technical competencies required to effectively use BMC AMI DevX Code Debug for source-level debugging and application analysis. Candidates are evaluated on their ability to configure and execute debugging sessions, manage program execution, and troubleshoot applications using the ISPF, Eclipse Workbench, and Visual Studio Code interfaces.

This exam is part of the BMC AMI DevX Code Debug Associate 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:

- Creating debug launch configurations for Batch, CICS®, Db2® Stored Procedure, and IMSTM MPP programs using Code Debug
- Compiling the Test Program with Shared Service
- Sharing Launch Configurations
- Explain Code Debug for TSO concepts, capabilities, supported languages and applications, and interactive versus batch modes
- Configure and run interactive and batch debugging sessions using profiles and execution environments
- Control program execution using breakpoints, stepping, tracing, and flow-control commands
- Use scripts for intercepting subroutines
- Identify scenarios that require Db2 plan or package binding
- Analyze sourceless programs using pseudo-assembler support and memory inspection commands

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

## Prerequisites

- NA

## Recommended BMC Software Courses to Prepare for the Certification

The following course, offered by BMC Education Services prepares the participants to take the BMC AMI DevX Code Debug 17: Using Exam and improve their knowledge and skill level to help build proficiency with the solution:

- BMC AMI DevX Code Debug 17: Using Workbench for Eclipse (WBT)
- BMC AMI DevX Code Debug 17: Using Workbench for VS Code (WBT)
- BMC AMI DevX Code Debug for TSO 17: Getting Started Using ISPF (WBT)
- BMC AMI DevX Code Debug for TSO 17: Extended Facilities Using ISPF(WBT)

## Recommended Knowledge/Skills

Good knowledge of mainframe concepts and source code management.

## Getting Started

Take the recommended courses for the exam.

**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.

If you have failed the exam, start at step 2. After 2 failed attempts, you need to purchase the exam again.

## Examination Details

- Exam is an online AI-proctored exam.
- Further details and terms and conditions are available in the [BMC Certifications Program Guide](#).

## Additional Recommended Resources to Study

- BMC AMI DevX Code Debug 17.02 Product Documentation
- BMC AMI DevX Code Debug 17.02 Communities

## Recommended Experience

- 0-1 year of job experience in BMC AMI DevX Code Debug.

## 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](http://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 