BMC Automated Mainframe Intelligence (BMC AMI): Education Enterprise Solution Subscription

COURSE ABSTRACT

CURRICULUM CODE

» AMI-ENT-SUBS-SOL

DELIVERY METHOD

» Web-based Training (WBT)
» Certifications

Subscription Overview

BMC AMI enables you to automatically manage, diagnose, heal, and optimize mainframe systems without manual intervention. It consists of modern analytics technology and built-in machine-learning capabilities that will give you predictable and transparent insight into your mainframe environment. It is the autonomous driver you need for your mainframe.

This subscription provides a deep dive into various BMC AMI solutions: BMC AMI DevX, BMC AMI Ops, BMC AMI Data, BMC AMI Security, and BMC AMI Cloud. The training in this subscription covers the components and features of various products in BMC AMI solutions.

Using examples, demonstrations, and scenarios, the content of the online education subscription provides an overview and features of BMC AMI.

Note: This content is part of an annual subscription and is regularly updated and changed, without notice, based on product updates, improvements, and additions. During the duration of the subscription, users will have access to the latest content without incurring additional fees or being subject to additional registrations.

Target Audience

» Administrators
» Operators
» System Programmers
» Database Administrators
» Developers
» Storage Administrators
» Performance Analysts
» Storage Managers

Learner Objectives

BMC AMI DEVX

» Explore the features and capabilities available in Abend-AID and understand how to use these features and capabilities to detect, analyze, and resolve mainframe application and system abends.
» Use the BMC AMI DevX Workbench for Eclipse suite of tools and its various features to efficiently write, edit, debug, deploy, and test application code inside a modern IDE.
» Use Performance Test to record a script, and playback the script interactively.
» Understand the BMC AMI DevX Code Pipeline (ISPW) SCM User Interface and Lifecycle and recognize the BMC AMI DevX Code Pipeline (ISPW) ISPF and BMC AMI DevX Workbench for Eclipse (formerly Topaz Workbench) perspectives.
» Understand code coverage and discover in detail about collecting data using BMC AMI DevX Code Debug for TSO (formerly BMC Compuware Xpediter/TSO), creating reports, applying filters, and activating branch coverage and statement counts.

For more information about BMC Education Services, visit **www.bmc.com/education**.

BMC Automated Mainframe Intelligence (BMC AMI): Education Enterprise Solution Subscription

COURSE ABSTRACT

BMC AMI OPS

- » Use the BMC AMI Ops Automation solution to automate system events, manage automation Rules, log automation data, and generate reports.
- » Use the BMC AMI Ops for CICS solution to manage IBM CICS environment using panel-driven monitoring and rules-based automation around transaction performance.
- » Use the various BMC AMI Storage Management solution products, such as Storage allocation, monitoring, and reporting facilities to manage the mainframe storage and use automation tools to automate the storage allocation process.

BMC AMI DATA FOR DB2®

- » Use BMC AMI products for Db2 from the Database Performance solution family, such as Reorg and Utility Manager under the BMC AMI Solutions for Db2 that allow you to write JCL jobs to reorganize the tablespaces and indexes, set criteria for reorganizing data, automate the reorganization, eventually help for improving the applications' performance.
- » Explain and demonstrate tools and techniques to improve backup and recovery processes, control them, and navigate to the Recovery for Db2 family products.
- » Use Command Center for Db2®, which allows DBAs and application developers to access the Database information by providing the web-based interface to set criteria, to generate and analyze reports of backup and recovery processes.
- » Understand how to check table spaces and indexes comprehensively, frequently make copies for faster recovery, and proactively manage Db2 for optimized costs and peak performance.
- » Learn to navigate BMC AMI products for Db2 from the Database Administration solution family, such as Catalog Manager, Change Manager, and Log Master, which simplify and automate the database administration tasks.
- » Explain how to identify and tune your most resource-intensive SQL statements with different SQL Performance products such as Apptune, SQL Explorer, and SQL Assurance that allow you to monitor application performance, perform mismatch analysis, impact analysis for SQL statements, define SQL assurance rules.
- » Generate and analyze different reports generated by BMC AMI Data products.

BMC AMI SECURITY

- » Describe how BMC AMI Security support automated Protection, Detection, and Response
- » Explain the integration of AMI Security solution with leading SOC SIEM
- » Explain how data is automatically correlated across multiple systems to see actions in context
- » Describe how events considered to be normal are learned over time to reduce alert noise
- » Describe the real-time visibility, alerts, and audit trail of events across z/OS, Db2, and IMS production system to meet regulatory compliance using BMC AMI Command Center for Security
- » Learn to install, configure, and administer BMC AMI Security products

Other Details

SUBSCRIPTION ACTIVITIES

- » Web-based training (WBT)
- » Videos
- » Demonstrations
- » Scenarios

For more information about BMC Education Services, visit **www.bmc.com/education**.

BMC Automated Mainframe Intelligence (BMC AMI): Education Enterprise Solution Subscription

COURSE ABSTRACT

REFERENCE LINKS

Explore the following links to learn more about BMC AMI learning path options.

- » BMC AMI DevX Learning Path
- » BMC AMI Data Learning Path
- » BMC AMI Ops Learning Path
- » BMC AMI Security Learning Path

Offerings

Unlimited Offerings

Course Name	Duration	SPT	WBT	CERT
BMC AMI DevX				
BMC AMI DevX Abend-AID				
BMC AMI DevX Abend-AID 17.x: Fundamentals Using (WBT)	2 hours		✔	
BMC AMI DevX Abend-AID 17.x: Fundamentals in Workbench for Eclipse Using (WBT)	1 hour		✔	
BMC AMI DevX Abend-AID 17.x: Advanced Using (WBT)	2 hours		✔	
BMC AMI DevX Workbench for Eclipse				
BMC AMI DevX Workbench for Eclipse 20.x: Fundamentals Developing (WBT)	2 hours		✔	
BMC AMI DevX Workbench for Eclipse 20.x: Fundamentals Developing with Eclipse (WBT)	1 hour		✔	
BMC AMI DevX Workbench for Eclipse 20.x: Fundamentals Developing with Code Debug (Xpediter) (WBT)	2 hours		✔	
BMC AMI DevX Workbench for Eclipse 20.x: Fundamentals Developing with Egit Plugin (WBT)	1 hour		✔	
BMC AMI DevX Workbench for Eclipse 20.x: Fundamentals Developing with Host Explorer (WBT)	1 hour		✔	
BMC AMI DevX Total Test 20.x: Fundamentals Concepts (WBT)	1 hour		✔	
BMC AMI DevX Total Test 20.x: Fundamentals Preparing a Test Program (WBT)	2 hours		✔	
BMC AMI DevX Total Test 20.x: Advanced Automated Testing (WBT)	3 hours		✔	
BMC Compuware Topaz for Enterprise Data 18.x: Test Data Privacy Fundamentals Using (WBT)	1 hour		✔	
BMC AMI DevX File-AID				
BMC Compuware File-AID 18.x: Data Manipulation Fundamentals Using (WBT)	1 hour		✔	
BMC AMI DevX Performance Test				
BMC AMI DevX Performance Test (Hiperstation) 17.x: Fundamentals Using (WBT)	1 hour		✔	
BMC AMI DevX Code Pipeline				
BMC AMI DevX Code Pipeline (ISPW) 22.x: Fundamentals Developing (WBT)	2 hours		✔	
BMC AMI DevX Code Pipeline (ISPW) 22.x: Fundamentals in ISPF (WBT)	4 hours		✔	
BMC AMI DevX Code Pipeline (ISPW) 22.x: Fundamentals in Workbench for Eclipse (WBT)	6 hours		✔	

For more information about BMC Education Services, visit **www.bmc.com/education**.

BMC Automated Mainframe Intelligence (BMC AMI): Education Enterprise Solution Subscription

COURSE ABSTRACT

Course Name	Duration	SPT	WBT	CERT
BMC AMI DevX Code Debug				
BMC AMI DevX Code Coverage 17.x: Fundamentals Using (WBT)	1 hour		✓	
AMI DevX Certification				
BMC Certified Associate: BMC AMI DevX Code Pipeline (ISPW) 22.x for Administrators Online Exam	2 hours			✓
BMC Certified Associate: BMC AMI DevX Total Test 20.x for Developers Online Exam	2 hours			✓
BMC Certified Associate: AMI DevX Code Pipeline (ISPW) 22.x ISPF for Developers Online Exam	2 hours			✓
BMC AMI Data				
BMC AMI Database Administration for Db2®				
BMC AMI Database Administration for Db2® 13.x: Fundamentals Concepts (WBT)	2 hours		✓	
BMC AMI Catalog Manager for Db2® 13.x: Fundamentals Using (WBT)	3 hours		✓	
BMC AMI Database Performance for Db2®				
BMC AMI Database Performance for Db2® 13.x: Fundamentals Concepts (WBT)	2 hours		✓	
BMC AMI Reorg for Db2® 13.x: Fundamentals Using (WBT)	3 hours		✓	
BMC AMI Utility Manager for Db2® 13.x: Fundamentals Using (WBT)	3 hours		✓	
BMC AMI Command Center for Db2® 13.x: Fundamentals Using (WBT)	3 hours		✓	
BMC AMI Command Center for Db2® 13.x: Fundamentals for SQL and Troubleshooting (WBT)	2 hours		✓	
BMC AMI Command Center for Db2® 13.x: Fundamentals for Utility Management (WBT)	1 hour		✓	
BMC AMI SQL Performance for Db2® 13.x: Fundamentals Command Center Concepts (WBT)	1 hour		✓	
BMC AMI Recovery for Db2® 13.x: Fundamentals for Command Center (WBT)	1 hour		✓	
BMC AMI Recovery for Db2®				
BMC AMI Recovery for Db2® 13.x: Fundamentals Concepts (WBT)	2 hours		✓	
BMC AMI Log Master for Db2® 13.x: Fundamentals Using (WBT)	3 hours		✓	
BMC AMI SQL Performance for Db2®				
BMC AMI SQL Performance for Db2® 13.x: Fundamentals Concepts (WBT)	2 hours		✓	
BMC AMI Apptune for Db2® 13.x: Fundamentals Using (WBT)	3 hours		✓	
BMC AMI SQL Assurance for Db2® 13.x: Fundamentals Using (WBT)	2 hours		✓	
AMI Data for Db2 Certification				
BMC Certified Associate: AMI Database Performance for Db2® 13.x for Database Administrators Online Exam	2 hours			✓
BMC AMI Ops				
BMC AMI Ops Automation				
BMC AMI Ops Infrastructure 7.x: Fundamentals Using the User Interface (WBT)	2 hours		✓	
BMC AMI Ops Automation 8.x: Fundamentals Using EXECs (WBT)	1 hour		✓	

For more information about BMC Education Services, visit **www.bmc.com/education**.

BMC Automated Mainframe Intelligence (BMC AMI): Education Enterprise Solution Subscription

COURSE ABSTRACT

Course Name	Duration	SPT	WBT	CERT
BMC Compuware ThruPut Manager 18.x: Fundamentals The New Normal Operating (WBT)	2 hours		✓	
BMC Compuware ThruPut Manager 18.x: Automation Overview (WBT)	0.5 hour		✓	
BMC AMI Storage Management				
BMC AMI Storage 8.x: Fundamentals for Architecture (WBT)	2 hours		✓	
BMC AMI Storage Reporting 8.x: Fundamentals Using (WBT)	3 hours		✓	
BMC AMI Storage Allocation 8.x: Fundamentals Using (WBT)	3 hours		✓	
BMC AMI Storage IAM 11.x: Fundamentals Concepts (WBT)	2 hours		✓	
BMC AMI Storage IAM 11.x: Fundamentals IAM/RLS (WBT)	2 hours		✓	
BMC AMI Storage IAM 11.x: Fundamentals IAM/PLEX (WBT)	1 Hour		✓	
BMC AMI Storage IAM 11.x: Fundamentals File Administration (WBT)	3 hours		✓	
BMC AMI Monitor for CICS				
BMC AMI Ops Monitor for CICS® 7.x: Fundamentals for Workloads and Historical Transactions (WBT)	3 hours		✓	
BMC AMI Ops Monitor for CICS® 7.x: Fundamentals for Resources and Operations (WBT)	4 hours		✓	
BMC AMI Ops Certification				
BMC Certified Associate: AMI Ops Automation 8.x for Operators and System Programmers Online Exam	2 hours			✓
BMC AMI Security				
BMC AMI Datastream for z/OS: Fundamentals Using (WBT)	2 Hours		✓	
BMC AMI Datastream for Db2 7.x: Fundamentals Using (WBT)	1 hour		✓	
BMC AMI Command Center for Security 6.x: Fundamentals Using (WBT)	2 hours		✓	

For more information about BMC Education Services, visit **www.bmc.com/education**.