



BMC AMI Ops Automation 8.x: Fundamentals Operating (Workshop)

COURSE ABSTRACT

COURSE CODE

» AOAU-ZOSO-F803-W

APPLICABLE VERSIONS

» BMC AMI Ops Automation 6.1, 6.2, 6.3, 8.1, 8.2, and 8.3

DELIVERY METHOD

» Instructor Led Training (ILT)

COURSE DURATION

» 2 Days

PREREQUISITES

» BMC AMI Ops Infrastructure 7.x: Fundamentals Using (Workshop)

RECOMMENDED TRAININGS

» NA

Course Overview

BMC AMI Ops Automation (BMC AMI OpsA) product is part of the BMC AMI Ops Automation for Data Centers solution. This product provides tools and applications to improve an operator's ability to provide high system availability and helps the operator through error minimization, improved productivity, and problem determination and prevention.

This course will help understand the basic sets of activities, such as Operator Workstation, General Operations, and Basic Automation. It will also help Operators (System/Mainframe Operators), System Programmers, and Administrators (System/Technical System/Storage Administrators) understand the menu options.

Note: BMC AMI Ops Automation was formerly known as MainView AutoOPERATOR™.

Workshop = Instructor lecture and lab demo with Q&A; without hands-on lab

Target Audience

- » Operators
- » Programmers (System Programmers)
- » Administrators

Learner Objectives

- » Understand the architecture of BMC AMI Ops Automation solution
- » Explain various Parameters used to set the client environment
- » Understand and use various shortcut commands and PF keys
- » Explain and set all data elements on the screen
- » Use General menu options in the solution like Messages and Codes, Logs, Refresh
- » Use Operators menu options
- » Understand the concept of Rules
- » Understand the concept of Rulepool, Ruleset, Registry, PASDef
- » Implement Basic Automations using Rules
- » Creating Rules for various events
- » Understand the role of different variables in Automation



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COURSE ACTIVITIES

- » Classroom Presentations
- » Hands-on Lab Exercises
- » Demonstration

CERTIFICATION PATHS

- » This course is not part of a BMC Certification Path

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: Introduction to BMC AMI Ops Automation

- » BMC AMI Ops
 - Introduction
 - Key Features
 - Key Benefits
 - Solutions
- » BMC AMI Ops Automation
 - Introduction
 - Architecture
 - Components
 - Key Features
 - Base Functions
- » BMC AMI Ops Automation Solutions
 - MAO
 - CAO
 - IAO
 - QAO
 - TOM
- » Interfaces and Views
 - Graphical Interfaces
 - Command-line Interfaces
- » Terminal Session (TS)
- » Product Transfer In TS
- » Stacking Transfers
- » Using PF Keys
- » Session Parameters (MVPARMS)

- » ISPF PARMS
- » TSPARMS
- » AOPARMS
- » Common Commands in TS
- » OLTP Commands in TS
- » SYSProg Commands
- » BBI Commands
- » General Services
 - Accessing General Services Menu
 - Message Log
 - Global Journal
 - Local Journal
 - ALERT Log
 - Event Log
 - AUX Log

Module 2: BMC AMI Ops Automation Operator Tools

- » Navigating Operator Menu
- » Navigating Solutions
 - Z/OS resources
 - CICS Resources
 - IMS Resources
 - IBM MQ
- » Using Operator Workstation
 - z/OS Resources view
 - System Activity
 - VTAM management

- Operator Requests
- Enqueues and Reserves
- Address Spaces
- Tape Devices
- DASD Devices
- Full-Screen MVS OCD
- Full-Screen VTAM OCD
- » What is an ALERT?
- » Where are ALERTs originated?
- » What do ALERTs have?
- » Accessing ALERTs Views
- » ALERT Views: ALERT Log view
- » ALERT Views: ALERT Log Record Detail
- » ALERT Views: ALERT Detail OCD (XAL)
- » Accessing ALERTs Views: Full-Screen mode
- » ALERT Views: ALERT Detail view
- » ALERT Views: ALERT Queue Status view
- » ALERT Applications: ALERT Graphics view
- » Clearing ALERTs
- » ALERT Key
- » Common Commands
- » Consolidating ALERTs

Module 3: Introduction to Rules

- » Role of Operator
- » Automation Engine
- » Applying Automation
- » What are Events?

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- » Types of Events
- » What is a Rule?
- » Rule Actions
- » Rule Organization
 - PAS Definitions
 - Ruleset
 - Setbases
 - Rule pool
- » RuleSet and Rule views
- » Rule Creation Process
- » Navigating Rule Creation Process
- » Select Event
- » Select Rule pool
- » Creating Rule
 - Add basic information
 - Define Selection Criteria
 - Define Variable Dependencies
 - Define Action Specification
 - Save Rule
- » Adding to Ruleset
- » Associating with PASDef
- » Deploying a Rule
- » Notes on Rule creation

Module 4: Rules and Variables

- » Rules for Automations
- » Creating powerful Rules
 - Pattern Matching
 - Specifying Multiple Values
 - Using variables
 - Rule Function
 - Built-in Rule functions
- » Classifying Rules by events
 - Command initiated
 - Alert initiated
 - Alarm Initiated
 - Variable initiated
 - Time initiated
 - External Initiated
 - Multi line WTO
 - End of Step
 - End of Memory
- » Criteria Match Rate
- » Variables and Rules
- » Six kinds of AO Variables
- » Types of Variables
 - Simple
 - Compound
- » Event Variables
- » RVAR for Event Variables
- » SHARED var pool
- » PROFILE var pool
- » Global Variable Diagnostic tool (VAR)
- » Using Variables in Rules
- » SYSPLEX Variables
- » Variable Sub-stringing
- » Variable Trimming