BMC AMI STORAGE

BMC AMI Storage Automation 8.x: Fundamentals Using (WBT)

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ABSTRACT

Learning Path >

Course Code: AOST-AUUS-F801

Modality	Duration	Applicable Versions	Target Audience
Web-based Training (WBT)	3 Hours	BMC AMI Storage Automation 7.9, 8.0, and 8.1	• System Programmers • Storage Administrator

Course Overview

BMC AMI Storage solution simplifies and centralizes the management of IBM® z/ OS® storage automation and exception processing across SYSPlex and multi-LPAR environments. BMC AMI Storage Reporting, Automation, and Allocation products are part of the BMC AMI Storage solution.

The BMC AMI Storage Automation component provides powerful event-generation and storage-automation technology across the storage enterprise.

This course will help storage administrators understand how they can use the Automation component of BMC AMI Storage solution to identify and monitor storage conditions that need to be handled. Also, they will be able to create event-based automation to handle those conditions without human intervention.

Note: BMC AMI Storage was formerly known as MainView SRM™, and BMC AMI Storage Automation was formerly known as MainView SRM™ Enterprise Storage Automation.

Prerequisites

• BMC AMI Storage 8.x: Fundamentals for Architecture (WBT)

Recommended Trainings

• NA

Learning Objectives

• Understand the features and functionalities of BCM AMI Storage Automation
• Understand how BMC AMI Storage Automation solves storage management issues
• Setting up environment and system parameters for BMC AMI Storage Automation use
• Define and handle event-based automation
• Use skeleton JCLs and Multilevel Automation to enhance automation
• Use various views and options to create and manage automation using BMC AMI Storage Automation.

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

Course Modules

Module 1: Product Overview

- Basics of storage management
- Limitation of Manual storage management / Business challenge
- Solution: BMC AMI Storage Automation
- Features of BMC AMI Storage Automation
- Benefits of BMC AMI Storage Automation
- Events
- How Event work?
- How do AUTO functions work?
- FLST/RLST
- AUTO Functions
- AUTO commands
- Solution
- SET result groups and pools
- Skeleton tailoring
- Multilevel Automation (MLA)

Module 2: Requirements and System Setup

- Requirements and Restrictions
- Controlling BMC AMI Storage Automation: Start
- Controlling BMC AMI Storage Automation: Stop
- Controlling BMC AMI Storage Automation: Refresh
- Automation and VTOC Scan
- Automation commands and solutions
- Automation and policies
- Automation-related keywords that control resource consumption
- Accessing PARMLib member file
- ADDV_CANDP
- AOO_SUBSYS
- AUTO_MXTSK
- AUTOJ_OINDX
- AUTOJ_OPRI
- AUTOJ_OSEC
- AUTOJ_OUNIT
- AUTOJ_OVOL
- EVNT
- HSM_DAY_TOD
- MLV_LSNAME
- MLV_SSID
- VSCAN_MXTSK

Module 3: Automating With BMC AMI Storage Automation

- Event-based Automation
- Defining evet-based automation
- Identifying Storage Conditions
- Monitor for identified storage condition
- Defining the event using SMEVNTxx member
- SMEVNT Parameters
- TEXT Parameter Variables and Error messages
- Event message formatting
- Explain all the FLST and RLST parameters for AUTO functions
- Explain Event grouping
- Handel storage group full events by adding new volume
- Route jobs within and outside SYSPlex
- Issue commands in automation solutions

Module 4: Skeleton Tailoring and Multi-level Automation

- Locating a skeleton JCL member
- Constructing control statements
- Understanding variables
- Using substring variables
- AUTOJCL view
- Conducting simulation testing
- What is MLA
- Using MLA
- Automation level
- MLA termination
- MLA parameter specifications

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