

BMC AMI Cloud 4: Management Server Installation (Workshop)

[Learning Path >](#)

Course Code: ACAC-MSIN-F403-W

Modality	Duration	Applicable Versions	Target Audience
Workshop	1 Day	BMC AMI Cloud Vault and Data: 4.2,4.3	<ul style="list-style-type: none"> Administrators SysProg

Course Overview

BMC AMI Cloud is a suite of products built on a scalable, secure, and robust platform that you can use to accelerate your data-led journey to the cloud.

The BMC AMI Cloud Data platform consolidates the functionality of multiple storage, backup, and tape management products into a single, software-defined secondary data management solution, eliminating the need for physical and virtual tape libraries.

In this workshop, users will learn how to install the BMC AMI Cloud Management Server. The course covers all the system requirements, preparatory tasks, and installation tasks.

Prerequisites

- BMC AMI Cloud 4: Fundamentals Data and Vault Overview (WBT)

Recommended Trainings

- BMC AMI Cloud 4: Fundamentals Using and Administering Concepts (Workshop)
- BMC AMI Cloud 4: Fundamentals Installing and Configuring Concepts (Workshop)
- BMC AMI Cloud 4: Agent Installation (Workshop)
- BMC AMI Cloud 4: CDS Installation (Workshop)

Learning Objectives

- Verify the AMI Cloud Management Server installation prerequisites
- Prepare for BMC AMI Cloud Management Server installation
- Install BMC AMI Cloud Management Server on Linux
- Install BMC AMI Cloud Management Server on zCX

Course Modules

Module 1: Introduction and Pre-process

- Component Architecture of AMI Cloud
- supported platforms
- Preparation steps:
 - System requirements and environment setup
 - Distribution-specific details
 - Required packages
 - Network configuration (firewall setup)
 - Enabling container platforms
 - Obtaining installation files and license key

Module 2: Installing Management Server on Linux

- AMI Cloud Management Server Linux Installation tasks:
 - Task 1: To unzip the installation file
 - Task 2: To deploy the management server components
 - Task 3: To update the BMC AMI Cloud management server parameters file
 - Task 4: To create a BMC AMI Cloud environmental variables file
 - Task 5: To start the BMC AMI Cloud management server
- Post-installation activities:
 - Advanced parameter tuning
 - Managing containers (start/stop, logs)
 - Troubleshooting and interpreting logs

Module 3: Installing Management Server on zCX

- Hardware and system requirements for the management server on zCX.
- Necessary software files and license.
- zCX instance configuration (memory, storage, network).
- Docker setup (volumes, container images) within zCX.
- Configuration files and environment variables setup
- Preparing network and cloud storage connectivity

Module 4: Post Installation Tasks

- Initial Login
- New Agent registration
- Policy configuration
- Troubleshoot for common errors