



BMC BladeLogic Server Automation 8.x: Fundamentals – Part 2

COURSE ABSTRACT

COURSE CODE

» AUTO-SAF2-0890

APPLICABLE VERSIONS

» BladeLogic Server Automation 8.9

DELIVERY METHOD

» Instructor-led Training (ILT)

COURSE DURATION

» 5 Days

PREREQUISITES

» *BMC BladeLogic Server Automation 8.x: Fundamentals – Part 1 (WBT)*

Course Overview

BMC BladeLogic Server Automation is a leading platform for the management, control, and enforcement of configuration changes in the datacenter. Using this platform, administrators can manage both physical and virtual servers. This course is designed for BladeLogic Server Automation administrators and users responsible for implementing and managing client/server business applications, managing contention servers, and ensuring compliance with company or government policies related to Configuration Management.

Participants learn how to use the BladeLogic Server Automation console to automate and simplify server configuration management tasks. Learners will benefit from in-depth presentations and demonstrations from expert instructors, and hands-on lab exercises in a virtual environment that will provide the opportunity for practical application of the presented concepts, methods, and procedures.

IMPORTANT: Included in this course is the examination for **BMC Certified Associate: BMC Server Automation 8.x Exam**. Taking the exam and pursuing the Certified Associate designation is optional, however all students enrolled in the *BMC BladeLogic Server Automation 8.x: Fundamentals – Part 2* course are automatically enrolled in the exam. You will have one attempt to pass the exam. No retakes will be offered. Those who pass will receive the title of **BMC Certified Associate: BMC Server Automation 8.x**.

Target Audience

- » Users
- » Administrators
- » Operators

Learner Objectives

- » Describe the features and basic functionality of BMC Server Automation
- » Navigate and utilize the BSA console folder hierarchy
- » Create and execute BSA Jobs
- » Perform deployment, compliance checking, and patching to managed servers
- » Use Properties for server management and deployment tasks
- » Describe how BSA can be used to manage virtualized environments
- » Audit multiple servers and applications to ensure compliance with company and/or government policies, using compliance content
- » Remediate compliance exceptions and audit remediation results
- » Use the BladeLogic Server Automation Console to create BLPackages to deploy content, configuration changes, and applications on remote servers
- » Describe SecOps, SecOps Workflow, BladeLogic Portal, and Threat Director
- » Use BladeLogic Server Automation to perform online Windows and Linux patching
- » Describe and use Live Reporting Dashboard
- » Describe the usefulness of the Health and Value Dashboards
- » Describe how BSA can be used to manage virtual environments

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COURSE ACTIVITIES

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


BMC BLADELOGIC SERVER AUTOMATION LEARNING PATH

- » [BMC Server Automation Learning Path](#)

CERTIFICATION PATHS

- » This course is part of the **BMC BladeLogic Server Automation 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: Getting Started with BladeLogic Server Automation

- » BSA Features and Terminology
- » Introduction to BSA Architecture
- » Overview of BSA Objects
- » Introduction to the BSA Console
- » Overview of BSA Objects
- » Accessing Online Documentation and *How-To* Guides

Module 2: Working with BSA Jobs

- » BSA Job types
- » Job execution
- » Job Results Review

Module 3: Working with Properties

- » The Property Dictionary
- » Using Server Properties
- » Smart Groups
- » Creating a Server Property
- » Updating a Property
- » Custom Property Classes and Instances

Module 4: Managing Server Objects

- » Working with Server Objects
- » Introduction to Network Shell

- » Working with Parsed Content

Module 5: Basic Deployment

- » File Deploy Jobs
- » BLPackage Deploy Jobs

Module 6: Deploying Software

- » Deploying Standard Software
- » Adjusting Standard Software Deployments
- » Applying Stacked Software Deployment

Module 7: Working with Components

- » Introduction to BSA Components
- » Creating BSA Components
- » Managing Component Access
- » Working with Component Signatures

Module 8: Basic Compliance: Audit and Snapshot Jobs

- » Purpose of an Audit
- » Live Server Audit Jobs
- » Component-based Audit Jobs
- » Snapshot-based Audit Jobs
- » Audit Job Results

Module 9: Rules-Based Compliance

- » Introduction to Rules-based Compliance
- » Adding Rules to Component Templates

- » Working with Compliance Jobs and Exceptions
- » Compliance Remediation
- » Working with Compliance Content
- » Describe and use Execution Tasks

Module 10: SecOps

- » Introduction to SecOps
- » Using Threat Director

Module 11: Windows and Linux Patch Management

- » Setting Up Patch Management
- » Introduction to Windows Patch Analysis
- » Performing Linux Patch Analysis

Module 12: Portal

- » BladeLogic Portal Overview

Module 13: Health Dashboards

- » Introduction to BSA Health and Value Dashboards

Module 14: Overview of Live Reporting

- » Live Reporting Overview
- » Predefined Reports and Dashboards

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Module 15: Working with Virtual Environments

- » Introduction to working with Virtual Environments
- » Working with Virtual Guest Packages
- » Working with Virtual Guest Jobs

Appendix A: BladeLogic Server Automation Resources

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