



# BMC BladeLogic Server Automation 8.x: Advanced Administering

## COURSE ABSTRACT

### COURSE CODE

- » AUTO-SAAA-0890

### APPLICABLE VERSIONS

- » BMC BladeLogic Server Automation 8.5, 8.6, 8.7, 8.8, & 8.9

### DELIVERY METHOD

- » Instructor-led Training (ILT)

### COURSE DURATION

- » 5 Days

### PREREQUISITES

- » *BMC BladeLogic Server Automation 8.x: Fundamentals – Part 1 (WBT)*
- » *BMC BladeLogic Server Automation 8.x: Fundamentals – Part 2*
- » *BMC Certified Associate: BMC Server Automation 8.x.*

## Course Overview

BMC BladeLogic Server Automation is a leading platform for the management, control, and enforcement of configuration changes in the datacenter. This course is designed for administrators responsible for administering and maintaining the BladeLogic Server Automation (BSA) environment.

Students will learn how to plan and scale the BSA environment using best practice techniques; plan and apply best practice techniques to security and access management; perform application release management; configure a PXE-based provisioning solution using BSA; and use NSH scripts and the BladeLogic Command Line Interface (BLCLI). Students will also use BSA to manage an ESX server and perform administration for BMC Decision Support for Server Automation, the reporting tool used with BSA.

**IMPORTANT:** Included in this course is the examination for **BMC Certified Professional: BladeLogic Server Automation 8.x Online Proctored Exam**. Taking the exam and pursuing the Certified Professional designation is optional, however all students enrolled in the *BMC BladeLogic Server Automation 8.x: Advanced Administering* 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 Professional: BMC Server Automation 8.x**.

## Target Audience

- » Administrators – BSA System Admins, Compliance Admins

## Learner Objectives

- » Establish effective user, role-based access (RBAC), and object-based access control to enhance the security of your datacenter
- » Leverage BSA best practices to maximize the management of your environment
- » Efficiently configure and perform application release management
- » Incorporate pre and post-provisioning solutions to maintain your datacenter environment
- » Keep track of your server environment with BMC Live Reporting
- » Create and leverage advanced reports to identify opportunities for efficiency in your environment



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### COURSE ACTIVITIES

- » Video coaching
- » Course eBook
- » Virtual Lab
- » Community Access
- » Demonstrations
- » Hands-on Lab Exercises


### 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: BSA Security

- » Defining BSA Authentication
- » Working with RBAC Manager
- » Working with Agent ACLs, Permissions, and Object access
- » Working with ACL Templates and ACL Policies
- » Identifying Security Best Practice Recommendations

### Module 2: Application Release Management

- » Identifying Application Release Management
- » Packaging and deploying

### Module 3: BSA PXE-based Provisioning

- » Provisioning Overview
- » Configuring PXE-based Provisioning
- » Creating System Packages
- » Creating a Provisioning Job
- » Windows Provisioning

### Module 4: BSA Scripts

- » Working BSA Scripts
- » Scripting Syntax
- » Working with Scripts and Extended Objects
- » Working with NSH Script Jobs

### Module 5: BMC Live Reporting Administration Console

- » Administration Console: Main Panel Items

- » Administration Console: Configuration and Administration Options
- » Administration Console: Configuration Options
- » Adding Dashboards to Live reporting

### Module 6: BSA Administration and Architecture

- » BSA Administration
- » Best Practices for Configuration and Deployment

### Module 7: Unified Agent Installer

- » Using the Unified Agent Installer

### Appendix A: Resources

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