BMC Atrium Orchestrator 7.x: Advanced Training

COURSE ABSTRACT

COURSE CODE

» CLDS-AOF3-0790

APPLICABLE VERSIONS

» BMC Atrium Orchestrator 7.8, & 7.9

DELIVERY METHOD 🌐

– Instructor-led Training (ILT)

COURSE DURATION 🌐

» 5 Days

PREREQUISITES

» *BMC Atrium Orchestrator 7.x: Fundamentals – Part 2)*

Course Overview

IT process automation can significantly lower the cost of IT delivery and reduce the risk associated with manual interactions. BMC Atrium Orchestrator automates common, repeatable tasks to improve quality of service across the board.

This five-day, instructor-led course introduces advanced topics and features of BMC Atrium Orchestrator. Students are introduced to core Web Services standards such as SOAP, WSDL, and HTTP Communication. Use of Extensible Stylesheet Language in BMC Atrium Orchestrator enables the student to generate complex and detailed XML documents within workflows. Students are introduced to various Advanced Operations Actions. This course also provides a walkthrough of some mail monitoring adapters. Finally, this course guides the students through different stages of Installation, upgradation, and migration of BAO setup using use case scenarios. This enables BMC Atrium Orchestrator administrators to repair and troubleshoot installations issues and successfully integrate and configure BAO setup.

> **IMPORTANT:** Included in this course is the **BMC Certified Professional: Atrium Orchestrator 7.x Online Proctored Exam**. To qualify for this exam, candidates must have a valid BMC Certified Associate: Atrium Orchestrator designation. Taking the exam and pursuing certification is optional. 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: Atrium Orchestrator 7.x**.

Target Audience

» Administrators – IT Administrator
» Designers – Process designers
» Developers – Software developers

Learner Objectives

» Understand the basics of Web services
» Create workflows to interact and provide SOAP Web Services
» Create workflows to interact with RESTful Web services
» Identify the use of HTTP Adapter
» Use XSLT in Workflows
» Identify how and when to use the Call Adapter Activity
» Solve use cases for Calling and Providing Web Services
» Identify workflows for Application Utilities, Common Utilities, File Utilities, Network OA Utilities, and Operating System OA Utilities.
» Use the Post Office Protocol and Internet Message Access Protocol adapters
» Understand the uses and features of Active Directory Actor Adapter, and DNS adapters
» Install, upgrade, and migrate BAO setup using use case scenarios
» Repair and troubleshoot installations
» Integrate and configure BAO setup

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

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COURSE ACTIVITIES

» Classroom Presentations
» Hands-on Lab Exercises
» Product Demonstrations

BMC ATRIUM ORCHESTRATOR LEARNING PATH

» **http://www.bmc.com/education/courses/atrium-orchestrator-training.html**

CERTIFICATION PATHS 🌐

» This course is part of the **BMC Atrium Orchestrator 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 Web Services
» Web Services
» Using Web services in BMC Atrium Orchestrator

Module 2: Providing Web Services – ORCA and Legacy
» SOAP Endpoints
» The ORCA Web Services Provider
» The Legacy Web Services Provider
» Exploring WSDLs Using SoapUI
» Web Services Security

Module 3: REST Web Services
» Authentication
» Administration
» Execution

Module 4: Calling Web Services
» The Web Services Adapter
» Web Service Process Module

Module 5: Extendable Style Sheet Language Transformations
» Advanced Transform Editor

» Meta Tags
» Applying and Calling Templates
» Building Structure
» Copying and Formatting Nodes
» Flow Control
» Parameters

Module 6: Calling Adapters
» Invoking Adapters Directly
» Static and Dynamic Adapter Invocation
» Reading Adapter XML Sample
» Capturing Adapter XML

Module 7: Use Cases – Web Services
» Providing Web Services
» Calling Web Services
» Providing & Calling Web Services

Module 8: Advanced Operations Actions
» Application Utilities
» Common Utilities
» File Utilities
» Network OA Utilities
» Operating System OA Utilities

Module 9: Mail Monitoring Adapters
» POP Adapter
» IMAP Adapter

Module 10: Integrating with Microsoft Active Directory
» Microsoft Active Directory Overview
» Adapter Configuration
» Active Directory Actor Adapter

Module 11: DNS Integration
» DNS Adapter
» DNS Module
» DNS Adapter Requests/Responses

Module 12: Installing BMC Atrium Orchestrator
» Basic Deployment Methods
» Pre Installation
» Installation
» Troubleshooting Installation Issues
» Uninstalling

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Module 13: Configuring BMC Atrium Orchestrator
» Health Check
» Post-Installation Tasks
» Administrative Tasks Using RSSO
» Troubleshooting Configuration Issues
» Use Cases from Support
» Configuring HACDP

Module 14: Upgrading BMC Atrium Orchestrator
» Upgrading from Older BAO versions
» Upgrading SSO from Atrium to Remedy
» Configuring After an Upgrade

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