BMC Atrium Orchestrator 7.x: Advanced Training (ASP)

COURSE ABSTRACT

COUWRSE CODE

» CLDS-AOF3-0790-ASP

APPLICABLE VERSIONS

» BMC Atrium Orchestrator 7.8, & 7.9

DELIVERY METHOD 🌐

» Assisted self-paced (ASP)
   – Student and lab guide as ebook
   – Product community for questions and answers
   – Course recording via WBT
   – Access to instructor for up to 2.5 hours by appointment (use within 90 days of registration)

VIRTUAL LAB ACCESS

» 5 consecutive days (incl. weekends and holidays) of virtual lab (=portal) access. A Virtual Lab access voucher will be provided and must be redeemed within 90 days of registration. Consecutive days need to be completed within 28 days of Portal access.
» Click **here** for additional ASP virtual lab access information in graphical format.

COURSE DURATION 🌐

» Equal to 5 Days

PREREQUISITES

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

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 self-paced, hands-on course, guides learners as they discover and cultivate the skills necessary to establish and maintain basic BMC Atrium Orchestrator processes. Students are introduced to core Web Services standards such as SOAP, REST, 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 mail monitoring adapters
» Understand the uses and features of Active Directory Actor Adapter, and DNS adapters
» Install, upgrade, and migrate BMC Atrium Orchestrator setup using use case scenarios
» Repair and troubleshoot installations
» Integrate and configure BMC Atrium Orchestrator setup

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

BMC Atrium Orchestrator 7.x: Advanced Training (ASP)

COURSE ABSTRACT

COURSE ACTIVITIES

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

BMC ATRIUM ORCHESTRATOR LEARNING PATH

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

ACCREDITATION AND CERTIFICATION PATHS 🌐

» This course is part of the BMC Certified Associate: Atrium Orchestrator 7.x. 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
» Define web services and its types
» Describe the OCRA, Legacy, and REST Web Services

Module 2: Providing Web Services – ORCA and Legacy
» Describe the SOAP Endpoints
» Classify ORCA and Legacy Web Services Provider
» Use security headers and HTTPS to secure web service operations

Module 3: REST Web Services
» Use the RESTful web service (REST) BMC Atrium Orchestrator calls for:
  – BAO Login and Logout calls
  – Authorization management API
  – Adapter management API
  – Module management API
  – Repository resource management API
  – Processes API
  – Job and process management API

Module 4: Calling Web Services
» Describe the Web Services Adapter

» Explain the Web Services process module

Module 5: Extendable Style Sheet Language Transformations
» Use the advanced transform editor
» Identify the XSL meta tags
» Apply and call templates
» Build XSL structures
» Copy and format nodes in XSL
» Explore XSL flow control
» Use XSL parameters

Module 6: Calling Adapters
» Invoke adapters directly
» Use static and dynamic invocation
» Read and capture adapter XML

Module 7: Use Cases – Web Services
» Solve use cases for calling and providing web services

Module 8: Advanced Operations Actions
» Identify workflows for Application Utilities, Common Utilities, File Utilities, Network OA Utilities, and Operating System OA Utilities

Module 9: Mail Monitoring Adapters
» Identify the use and features of the following mail monitoring adapters:
  – The Post Office Protocol (POP) mail adapter
  – The Internet Message Access Protocol (IMAP) mail adapter

Module 10: Integrating with Microsoft Active Directory
» Identify the supported integration versions
» Configure adapters
» Work with the Active Directory Actor Adapter

Module 11: DNS Integration
» Configure the actor adapter
» Describe the Module for DNS adapter:
  – Top-level processes
  – Utilities directory
» State the Requests and responses for:
  – Creating and deleting A record operation
  – Creating and deleting PTR record operation
  – Lookup DNS record operation

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

BMC Atrium Orchestrator 7.x: Advanced Training (ASP)

COURSE ABSTRACT

Module 12: Installing BMC Atrium Orchestrator

» Describe the BAO architecture

» Explain the BAO installation Process

» Use the troubleshooting process for installation issues

» Identify use cases related to installation

Module 13: Configuring BMC Atrium Orchestrator

» Perform the health check

» Explain the BAO post-Installation Tasks

» Perform administrative tasks using RSSO

» Use the troubleshooting process for configuration issues

Module 14: Upgrading BMC Atrium Orchestrator

» Perform upgrade from older BAO versions (7.8.x)

» Explain the upgrade process of SSO from Atrium to Remedy

» Perform configuration steps after an upgrade

» Use the migration tool

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