Control-M 9.x: Fundamentals for Administrators (ASP)

COURSE ABSTRACT

COURSE CODE

» AUTO-WAFA-0900-ASP

APPLICABLE VERSIONS

» Control-M 9.0

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 Course for Control-M 9.x: Fundamentals Using (WBT)*
» *BMC Course for Control-M 9.x: Fundamentals Scheduling (ILT)*

Course Overview

This course provides instruction and hands-on practice in the setup, administration, and customization options of the distributed systems Control-M solution. Control-M is a monitoring and management tool for the enterprise batch-scheduling environment. It allows users to manage job processing across all distributed systems platforms supported by instances of Control-M/Server and Control-M/Agent.

You will receive additional training in the creation of job processing definitions, as required to support administrative functions.

IMPORTANT: Included in this course is the following examination:

BMC Certified Professional: Control-M 9.x Online Proctored Exam.

Taking the exam and pursuing certification is optional, however all students enrolled in the *Control-M 9.x: Fundamentals for Administrators (ASP)* course are automatically enrolled for the exam. To qualify for this exam, candidates must have a valid **BMC Certified Associate: Control-M 9.x Online Exam** designation.

The course fee includes one attempt to pass the exam. Retakes according to the **BMC Certification Policy** are available for an additional fee. Those who pass will receive the title of **BMC Certified Professional: Control-M 9.x**.

Target Audience

» Administrators
» Schedulers

Learner Objectives

» Establish a firm foundation in the distributed Control-M environment, the functioning of components, and the capabilities of various add-on products
» Install Control-M/Server and establish communication with Control-M/EM, using the Control-M Configuration Manager (CCM) user interface
» Implement agentless platforms for job execution
» Configure options related to alerts, usage alerts, email, and STMP
» Manage and troubleshoot New Day processing
» Implement Control-M Add-Ons, including Control-M/Forecast, BMC Batch Impact Manager, and Control-M Self Service
» Use various Control-M/EM utilities and Control-M/Server utilities to administer the products
» Implement security options by defining users and groups, and by selecting configuration options
» Implement user management options through LDAP/Active Directory support options
» Implement workload management and load balancing through host groups
» Perform and configure job history and version management
» Implement customization options for Control-M/EM, Control-M/Server, and Control-M/Agent, including setting key system parameters

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

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- » Perform Control-M/EM and Control-M/Server database maintenance
- » Implement Control-M high availability functionality
- » Implement agent and client deployment
- » Troubleshoot the Control-M environment

COURSE ACTIVITIES

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

Control-M LEARNING PATH

- » **http://www.bmc.com/education/courses/control-m-training.html#A-6**

ACCREDITATION AND CERTIFICATION PATHS 🌐

- » This course is part of the Control-M 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: Architecture and Components
- » Introduction to Control-M
- » Control-M/EM Components
- » Control-M Installation

Module 2: Connecting Components and Setup
- » Installing and Configuring Control-M/Servers
- » Installing and Configuring Control-M/Agents
- » Introduction to Defining Users
- » Verifying the Environment

Module 3: Automated Workflow
- » New Day Processing
- » Time Zone and Daylight Saving Time Configuration
- » Additional Setup
- » Creating Jobs
- » Defining Viewpoints (Optional)

Module 4: Managing and Monitoring the Environment
- » Starting and Stopping Control-M Components
- » Configuring Control-M/EM System Parameters
- » Configuring Exception and Usage Alerts
- » Managing Control-M Components
- » Monitoring Control-M Components

Module 5: Remote Hosts and Application Plug-ins
- » Agentless Job Execution Setup
- » Installing and Using Application Plug-ins

Module 6: Control-M Add-On Modules
- » Control-M/Forecast
- » Control-M Batch Impact Manager
- » Control-M Self Service
- » Control-M Workload Archiving
- » Control-M Workload Change Manager

Module 7: Security and Auditing
- » Control-M/EM Auditing and Annotation Introduction
- » Control-M/EM Security
- » LDAP and Active Directory Support
- » Control-M/Server Security
- » Control-M/Agent Security
- » Control-M/EM Administrator Passwords

Module 8: Feature Management
- » Connectivity Management
- » Job Definitions Version Management

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» Database Maintenance and Database Utilities
» Database Backup Utilities
» Control-M High Availability

Module 9: Workload Management
» Managing Flow Control
» Host Management and Host Groups

» Workload Management

Module 10: Control-M Reporting Facility
» Using the Control-M Reporting Facility

Module 11: Upgrading and Troubleshooting Control-M
» Upgrading Control-M/EM and Control-M/Servers

» Upgrading Control-M/Agents
» Deploying Control-M Client
» Troubleshooting Control-M
» Additional Resource

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