Control-M 9.x: Fundamentals Administering

Note: This course has been updated recently to include version Control-M 9.0.18

COURSE ABSTRACT

COURSE CODE
» AUTO-CMFA-0918

APPLICABLE VERSIONS
» Control-M 9.0.00, 9.0.18

DELIVERY METHOD 🌐
» Instructor-led Training (ILT)

COURSE DURATION 🌐
» 5 Days

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

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 Associate: Control-M 9.x for Administrators Online Exam.

Taking the exam and pursuing certification is optional, however all students enrolled in the *Control-M 9.x: Fundamentals Administering* course are automatically enrolled for the exam.

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 Associate: Control-M 9.x for Administrators**.

Target Audience

» Administrators

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, Control-M 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
» Hands-on Lab Exercises
» Accreditation Exam

Control-M LEARNING PATH
» **https://www.bmc.com/education/courses/control-m-training.html**

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: Adding Additional Control-M Server and Agents
» Installing and Configuring Control-M/Servers
» Installing and Configuring Control-M/Agents

Module 3: Job Life Cycle and New Day
» Basic Jobs Processing and Monitoring
» Creating Jobs
» Job Flow Control
» New Day process

Module 4: Configuring Control-M/Server
» Control-M Server System Parameters

» Time Zone and Daylight Saving Time Configuration
» Notify (shout) Destination and SMTP Configuration
» Log Retentions Configuration

Module 5: Configuring Control-M/Enterprise Manager
» Configuring Control-M/EM System Parameters
» Configuring Exception and Usage Alerts

Module 6: Starting, Stopping, and Checking Status
» Starting and Stopping Control-M Components
» Managing Control-M Components
» Monitoring Control-M Components

Module 7: Enterprise Manager Security and Auditing
» Control-M/EM Auditing and Annotation Introduction

» Control-M/EM Security
» LDAP and Active Directory Support
» Control-M/EM Administrator Passwords

Module 8: Control-M/Agent Security
» Control-M/Agent Security

Module 9: Control-M Add-on Modules
» Control-M/Forecast
» Control-M Batch Impact Manager
» Control-M Self Service
» Control-M Workload Change Manager
» Control-M Workload Archiving

Module 10: Remote Hosts and Application Plug-Ins
» Agentless Job Execution Setup
» Installing and Using Application Plug-ins

Module 11: Workload Management
» Host Management and Host Groups
» Workload Management

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COURSE ABSTRACT

Module 12: Database Backup and Management
» Job Definitions Version Management
» Database Maintenance and Database Utilities
» Database Backup Utilities

Module 13: High Availability
» Control-M High Availability
» Control-M High Availability with PostgreSQL

Module 14: 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 Resources

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