



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

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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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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

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

Module 14: Upgrading and Troubleshooting Control-M

- » Upgrading Control-M/EM and Control-M/Servers

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