



## Control-M 21.x: Fundamentals Administering

### COURSE ABSTRACT

#### COURSE CODE

» AUTO-CMFA-0921

#### APPLICABLE VERSIONS

» Control-M 9.0.21

#### DELIVERY METHOD

» Instructor-led Training (ILT)

#### COURSE DURATION

» 4 Days

#### PREREQUISITES

- » *Control-M 21.x: Fundamentals Using (WBT)*
- » *Control-M 21.x: Fundamentals Operating (ILT)*

### Course Overview

This course provides instruction and hands-on practice in 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.

### Target Audience

- » Administrators
- » Consultants

### Learner Objectives

- » Understand the architecture and the purpose of each component involved in it
- » Explain the job processing lifecycle
- » Navigate through the different domains in Control-M GUI
- » Work with new or existing Workspaces
- » Manage, troubleshoot, and configure New Day process
- » Learn how to adjust for Daylight Saving Time
- » Configure options related to alerts, usage alerts, email, and STMP
- » Configure Control-M/EM System Parameters
- » Manage and monitor Control-M components
- » Implement security options by defining users and roles, and by selecting configuration options
- » Implement agentless platforms for job execution
- » Manage host groups
- » Access job history and review job versions
- » Understand version management
- » Implement Control-M high availability functionality
- » Use the Configuration domain in Control-M Web

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#### 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 BMC Certified Associate Certification Path for Control-M for Administrators and Consultants.

#### 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
- » Updated Terminologies in Control-M GUI and Control-M Web
- » Control-M/EM Components
- » Accessing the Control-M Interface

#### Module 2: Starting, Stopping, and Checking Status

- » Starting and Stopping Control-M Components
- » Managing Control-M Components
- » Monitoring Control-M Components

#### Module 3: Job Life Cycle and Configuring the Control-M/Server

- » Creating Jobs and Basic Jobs Processing
- » Monitoring Jobs
- » New Day Process
- » Control-M/Server System Parameters
- » Time Zone and Daylight-Saving Time Configuration

#### Module 4: Configuring the Control-M/Enterprise Manager

- » Configuring Control-M/EM System Parameters
- » Configuring Alerts and Exception Alerts
- » Configuring Usage Alerts
- » Control-M Add-ons and System Parameters
- » Control-M/EM Auditing and Annotation Introduction
- » Notify (shout) Destination and SMTP Configuration
- » Log Retentions Configuration

#### Module 5: Control-M/Enterprise Manager Security

- » Control-M/Enterprise Manager Security
- » Creating and Managing Control-M Users
- » External Authentication
- » User Views
- » Control-M/EM Administrator Passwords

#### Module 6: High Availability

- » Control-M High Availability
- » Control-M/Server High Availability with a Dedicated BMC PostgreSQL
- » High Availability System Parameters

#### Module 7: Control-M/Agent Security

- » Control-M/Agent Security
- » Control-M Agent Security in Windows
- » Control-M Agent Security in UNIX
- » Control-M/Agent Connection Modes
- » Host Management and Host Groups

#### Module 8: Remote Hosts and Application Plug-Ins

- » Agentless Job Execution Setup
- » Using Application Plug-ins

#### Module 9: Database Backup and Management

- » Job Definitions Version Management
- » Database Maintenance and Database Utilities

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» Database Backup Utilities

#### **Module 10: Troubleshooting Control-M**

- » Troubleshooting the Control-M/EM
- » Troubleshooting the Control-M/Server
- » Troubleshooting the Control-M/Agent

» Additional Control-M Resources

#### **Addendum – Control-M Web**

- » Configuration Domain
- » Agents
- » Plug-ins

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