



## Control-M 20.x: Fundamentals Administering

### COURSE ABSTRACT

#### COURSE CODE

» AUTO-CMFA-0920

#### APPLICABLE VERSIONS

» Control-M 9.0.20

#### DELIVERY METHOD

» Instructor-led Training (ILT)

#### COURSE DURATION

» 4 Days

#### PREREQUISITES

- » *Control-M 20.x: Fundamentals Using (WBT)*
- » *Control-M 20.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
- » Create jobs in a Workspace
- » Specify job and folder properties
- » Perform save, check-in, and order operations
- » Manage conditions
- » Use the ctmcontb Utility to maintain the Prerequisite Conditions table for Control-M/Server
- » 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
- » Implement agent and client deployment
- » Understand the upgrade process for Control-M/EM, Control-M/ Server, Control-M/Agents, and Control-M Client

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**Note:** This course has been updated recently to include Control-M 9.0.20 version

### COURSE ACTIVITIES

- » Classroom Presentations
- » Hands-on Lab Exercises


### 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.
- » This course is part of the BMC Certified Professional 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
- » Control-M/EM Components

### Module 2: Job Life Cycle and New Day

- » Creating Jobs and Basic Jobs Processing
- » Monitoring Jobs
- » Managing Conditions
- » New Day Process

### Module 3: 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 4: Configuring Control-M/Enterprise Manager

- » Configuring Control-M/EM System Parameters

- » Control-M Add-ons and System Parameters
- » Configuring Exception and Usage Alerts

### Module 5: Starting, Stopping, and Checking Status

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

### Module 6: 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 7: Control-M/Agent Security

- » Control-M/Agent Security

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

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

### Module 9: System Resource Management

- » Host Management and Host Groups

### Module 10: Database Backup and Management

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

### Module 11: High Availability

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

### Module 12: 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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