



# Control-M 20.x: Advanced Administering

## COURSE ABSTRACT

### COURSE CODE

» AUTO-CMAD-0920

### APPLICABLE VERSIONS

» Control-M 9.0.20.200

### DELIVERY METHOD

» Instructor-led Training (ILT)

### COURSE DURATION

» 2 Days

### PREREQUISITES

- » *Control-M 20.x: Fundamentals Using (WBT)*
- » *Control-M 20.x: Fundamentals Administering (ILT/ASP)*

## Course Overview

This course provides Administrators and Consultants with the theory and hands-on experience to work on installation of additional components and perform advanced tasks that are beyond everyday administration, which will help to secure and fine tune the Control-M environment.

This instructor-led training covers advanced tasks Administrators are required to perform in Control-M within topics such as Control-M Migration, Distributed Control-M/Enterprise Manager, Workload Archiving, Remote Host with SSH, Role Based Administration, Secure Sockets Layer (SSL) Configuration, and Housekeeping Activities.

## Target Audience

- » Administrators
- » Consultants

## Learner Objectives

- » Migrate Control-M/Enterprise Manager
- » Migrate Control-M/Server
- » Install Distributed Control-M/Enterprise Manager
- » Describe Control-M Workload Archiving
- » Install Control-M Workload Archiving
- » Configure Control-M Workload Archiving Policies
- » Configure Control-M Workload Archiving Disk Space and Cleanup Settings
- » Define Remote Host with WMI Connection
- » Create an SSH Key
- » Add Remote host with SSH connection
- » Assign Role Based Administration Authorization
- » Verify Result of Role based Administration Authorization for a User
- » Generate Self Signed Certificates
- » Configure SSL on Control-M Web Server in Zone 1
- » Configure ciphers for Control-M Web Server in Zone 1
- » Configure SSL in Zone 2 and 3
- » Enable SSL in Zone 2 and 3
- » Configure Protocols and Ciphers for Zones 2 and 3
- » Modify SSL Configuration between Control-M/Agent and Remote Hosts
- » Configure SSL with LDAP or Active Directory Servers
- » Perform Housekeeping tasks
- » Check Database status
- » Configure File system clean up parameters
- » Stop and exclude the Statistics Clean Up during New Day Procedure
- » Change Statistics Retention Period and Number of Records in Control-M/Server

BMC, BMC Software, and the BMC Software logo are the exclusive properties of BMC Software, Inc., are registered with the U.S. Patent and Trademark Office, and may be registered or pending registration in other countries. All other BMC trademarks, service marks, and logos may be registered or pending registration in the U.S. or in other countries. All other trademarks or registered trademarks are the property of their respective owners. ©2021 BMC Software, Inc. All rights reserved.



# Control-M 20.x: Advanced Administering

## COURSE ABSTRACT

### COURSE ACTIVITIES

- » Classroom Presentations
- » Hands-on Lab Exercises


### BMC 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 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: Control-M Migration

- » Introduction to Control-M Migration
- » Migration Planning Process
- » Control-M/EM Migration
- » Control-M/Server Migration

### Module 2: Distributed Control-M Enterprise Manager Installation

- » Introduction to Distributed EM Installation
- » System Requirements
- » Installation of Distributed Control-M/Enterprise Manager
- » Configuration of Additional Components

### Module 3: Control-M Workload Archiving

- » Introduction to Control-M Workload Archiving

- » Control-M Workload Archiving Installation
- » Control-M Workload Archiving Configuration
- » Control-M Workload Archiving (from History and Monitoring domains)
- » Control-M Workload Archiving Command Line Utilities

### Module 4: Remote Host with SSH

- » Remote Host and Connection Parameters
- » Defining Remote Host with WMI Connection
- » Defining Remote Host with SSH Connection
- » Using ctmkeygen utility

### Module 5: Role Based Administration

- » Role Based Administration Overview
- » Role Based Administration Authorization

### Module 6: Secure Sockets Layer (SSL) Configuration

- » Introduction to Key Stores and Self-signed Keys
- » Generating Self-Signed Certificates
- » Zone 1 SSL Configuration
- » Zones 2 and 3 SSL Configuration
- » LDAP SSL Configuration
- » Additional SSL Configurations
- » ctmkeytool Script

### Module 7: Housekeeping Activities

- » Active Environments
- » Database
- » Filesystem
- » Shortening NDP

BMC, BMC Software, and the BMC Software logo are the exclusive properties of BMC Software, Inc., are registered with the U.S. Patent and Trademark Office, and may be registered or pending registration in other countries. All other BMC trademarks, service marks, and logos may be registered or pending registration in the U.S. or in other countries. All other trademarks or registered trademarks are the property of their respective owners. ©2021 BMC Software, Inc. All rights reserved.