Control-M 9.x: Fundamentals Administering

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

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

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

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

**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

For more information about BMC Education Services, visit [www.bmc.com/education](http://www.bmc.com/education).