



# Control-M 9.x: Fundamentals Scheduling

## COURSE ABSTRACT

### COURSE CODE

» AUTO-CMFS-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

The *Control-M 9.x: Fundamentals Scheduling* course provides IT professionals with the concepts and hands-on experience of using distributed Control-M products to monitor and manage their production environments, including the creation of job definitions.

This course explores features and functionality found in the Control-M interface, a monitoring and management tool for the enterprise batch scheduling environment.

Participants will learn to manage job processing across all platforms supported by Control-M/Servers and Control-M/Agents, including the creation, scheduling, and deployment of job processing definitions using the Planning domain. Hands-on labs allow participants to apply the procedures and concepts presented in the class.

**IMPORTANT:** Included in this course is the following examination:

**BMC Certified Associate: Control-M 9.x for Schedulers Online Exam.**

Taking the exam and pursuing certification is optional, however all students enrolled for this 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 Schedulers**.

## Target Audience

- » Schedulers
- » Operators

## Learner Objectives

- » Examine Control-M terminology, architecture, key components, and their relationships
- » Use the Control-M interface for the creation and scheduling of job definitions in a Control-M environment
- » Examine the scheduling options available for job definitions, including the use of calendars
- » Describe and use all types of Control-M variables, including job-specific user-defined variables, global variables, and system variables
- » Examine the configuration and use of notifications and on-do actions
- » Examine the use of control and quantitative resources in job definitions
- » Manage job workload using the Workload Policy Manager
  - Creation and use of SMART Folders
  - Creation and use of job templates
- » Use the Control-M/Forecast to verify job schedules and observe simulated job flow
- » Use the Control-M Batch Impact Manager to proactively detect and address problems in the execution of a series of jobs

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**Note:** This course has been updated recently to include the most recent version 9.0.18

### 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: Control-M Solution Overview

- » Control-M Solution Overview
- » Introduction to Control-M Concepts
- » Introduction to Control-M Security

### Module 2: Introduction to Control-M

- » Control-M Overview
- » Navigating Control-M
- » Viewing and Acting on Alerts

### Module 3: Basics of Job Creation

- » Creating Folders and Jobs
- » Defining In and Out Conditions for Jobs

### Module 4: Basics of Job Scheduling

- » Introduction to Job Scheduling
- » Introduction to Using Calendars

### Module 5: Advanced Scheduling

- » Using Periodic Calendars
- » Using Rule-Based Calendars
- » Advanced Scheduling

### Module 6: Managing Notifications and On-Do Actions

- » Notifications Overview
- » Using On-Do Actions

### Module 7: Using Resources

- » Introduction to Resources
- » Introduction to Control Resources
- » Introduction to Quantitative Resources
- » Introduction to Workload Policies

### Module 8: Additional Control-M Features

- » Introduction to Cyclic Jobs
- » Introduction to Find and Update
- » Managing Workspaces, Folders, and Jobs

### Module 9: Understanding Global Conditions

- » Introduction to Global Conditions
- » Using Global Conditions

### Module 10: Understanding and Using SMART Folders

- » Introduction to SMART Folders
- » SMART Folder Properties
- » Creating SMART Folders
- » Creating Sub-Folders in SMART Folders

### Module 11: Working with Variables

- » Introduction to Variables
- » Using Variables in Job Definitions

- » Introduction to Global Variables
- » Use of a Named Pool for Variables
- » Job Output and Variables
- » Introduction to Include Variables
- » Control-M Utilities to Manage Variables

### Module 12: Managing Job Templates and Mass Job Creation

- » Job Templates Overview
- » Using Template Functions
- » Mass Job Creation

### Module 13: Creating Reports

- » Introduction to the Control-M Reports
- » Report Management

### Module 14: Managing Viewpoints

- » Introduction to Viewpoints
- » Creating Viewpoints
- » Creating Customizable Filters
- » Accessing Archived Viewpoints

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#### Module 15: Control-M Add-Ons

- » Introduction to Control-M/Forecast
- » Introduction to Control-M Batch Impact Manager (BIM)
- » Defining Periodic Statistics
- » Introduction to Control-M Self Service
- » Introduction to Control-M Workload Change Manager

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