Control-M

Control-M 21.x: Fundamentals Scheduling

bmc

Learning Path >

Course Code: AUTO-CMFS-9213

Modality	Duration	Applicable Versions	Target Audience
Instructor-Led Training (ILT)	4 Days	Control-M 9.0.21.300	• Schedulers • Operators

Course Overview

The Control-M 21.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. This includes creating job definitions; monitoring and intervening in the production jobs; reviewing, tracking, and analyzing problems; and using tools to analyze areas that can be improved.

This course explores features and functionality found in both Control-M GUI and Control-M Web interfaces for the enterprise batch scheduling environment.

Participants will learn to create, schedule, and manage job processing using the Planning domain. Hands-on labs allow participants to apply the procedures and concepts presented in the class.

Recommended Trainings

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

Learning Objectives

- Explain the architecture of a Control-M environment
- Identify the new features and enhancements in Control-M
- Define jobs and job dependencies in Control-M GUI and Web interfaces
- Define and manage conditions in Control-M GUI and events in Control-M Web
- Schedule job definitions in Control-M GUI and Web interfaces
- Create and use calendars in Control-M GUI and Web interfaces
- Work with the default and customized viewpoints in Control-M GUI
- Create viewpoints in Control-M Web
- View, manage, and monitor Alerts from Control-M GUI and Web interfaces
- Define Notifications for jobs/SMART folders in Control-M GUI and Web interfaces
- Use On-Do actions in Control-M GUI and If-Actions in Control-M Web
- Work with different types of variables in Control-M GUI and Control-M Web
- Work with Control Resources and Quantitative Resources in Control-M GUI
- Work with Lock Resources and Resource Pools in Control-M Web
- Use the History domain to open an archived viewpoint in Control-M GUI
- View the history of viewpoints in Control-M Web
- Define Workload Policies in Control-M GUI
- Manage Control-M Reports in Control-M WEB
- Understand the purpose and use of job templates in Control-M GUI
- Use the Find and Update feature in Control-M GUI and Web interfaces
- Use the Versions tool to manage versions of job definitions in Control-M GUI

For more information about BMC Education Services, visit **www.bmc.com/education**.

Course Modules

Module 1: Control-M Solution Overview
- Explain the architecture of a typical Control-M environment
- Describe the basic role and responsibilities of a Control-M Scheduler
- Identify Control-M GUI and web interfaces
- Explain the key concepts of Control-M
- Identify the new features and enhancements of Control-M and Scheduling

Module 2: Working with Control-M Jobs
- Create a workspace, a folder, and a job
- Create job dependencies
- Export and import job definitions
- Create jobs and manage them in Control-M Web

Module 3: Scheduling Jobs in Control-M GUI
- Schedule a Control-M job
- Set a time frame to submit a job
- Use various options to create a regular, periodic, and rule-based calendar
- Use the Advanced option to define advanced criteria for job definitions

Module 4: Scheduling Jobs in Control-M Web
- Schedule a job using various options in Control-M Web
- Restrict the run dates of a job
- Define complex schedules using advanced scheduling options

Module 5: Job Execution Properties
- Explain cyclic jobs/SMART folders
- Use the Keep Active attribute
- Setting User Confirmation
- Use job execution properties in Control-M Web

Module 6: Managing Viewpoints
- Create a viewpoint
- Customize a viewpoint
- Use Customizable Filters
- Explain the concepts of Public and Private viewpoints in Control-M Web
- Create a Private viewpoint
- Manage viewpoints in Control-M Web

Module 7: Managing Notifications and On-Do Actions
- View alerts from the Control-M interface
- Perform the steps necessary to respond to alerts
- Describe the purpose and function of Notifications and On-Do actions
- Define Notifications and On-Do actions
- Manage and monitor alerts in Control-M Web
- Create Notifications in Control-M Web
- Use If-Action options in Control-M Web

Module 8: Control-M Variables
- Describe the purpose of the variables
- Identify the various types of variables
- Describe how to add variables to a job definition
- Explain shared variables and global variables
- Describe Named Pools in variables
- Capture job output using variables
- Describe Include variables
- Explain Control-M Web variables

For more information about BMC Education Services, visit **www.bmc.com/education**.

Module 9: Working with Resources
- Describe the purpose and use of Lock Resources and Resource Pools
- View defined Lock Resources in the Lock Resources window
- View defined Resource Pools in the Resource Pools window
- Define new Resource Pools
- Add resource parameters to job definitions
- Define and monitor Workload Policies

Module 10: Using Archived Viewpoints
- Describe archived viewpoints
- Use the History domain to open an archived viewpoint in the Control-M GUI
- Use the Monitoring domain to open an archived viewpoint in Control-M Web

Module 11: Control-M Reports
- Describe the purpose and use of Control-M Reports
- Navigate through the Control-M Reports interface
- Identify categories of reports in Control-M
- Identify various types of report templates
- Access Control-M Reports from the Client and Control-M Web
- Manage reports in Control-M
- Create and edit a report
- Import and export a report

Module 12: Client Tools for Job Management
- Describe various job types
- Describe the purpose and use of templates
- Create and modify templates
- Describe job template functions
- Define events in templates
- Create multiple jobs using a template
- Update multiple fields and values for multiple jobs and/or folders
- Manage job versions
- Access the Version Manager window