

Control-M 22: Fundamentals Scheduling (ASP)

[Learning Path >](#)

Course Code: AUTO-CMFS-9220-ASP

Modality

Assisted Self-paced (ASP)

Duration

Equal to 4 Days

Applicable Versions

Control-M 9.0.22.000

Target Audience

- Schedulers

Course Overview

The Control-M 22.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.

This course offers additional multilingual subtitles/closed captioning (cc), generated using an Artificial Intelligence translation tool, in French, German, Italian, Portuguese, and Spanish.

Prerequisite:

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

Recommended Trainings

- Control-M 21.x: Comparing Web Interface with Client Interface (WBT)
- Control-M 22: Fundamentals Operating (ILT/ASP)

Learning Objectives

- Understand the architecture of Control-M
- Understand the daily roles and responsibilities of a Control-M Scheduler
- Navigate through the Control-M Web domains
- Create and open Workspaces
- Define and modify folders and jobs
- Explain, access, and define Public and Private Viewpoints
- Manually run folders and jobs
- Automatically and manually define folder and job dependencies
- Explain, define and use Global Events
- Explain the different Find options, and how they differ depending on where they are utilized
- Explain and use the Find and Update feature
- Explain the differences between job types
- Define and utilize a Template
- Explain and use the Mass Create feature
- Access and navigate through the Scheduling tab
- Specify Time Settings, Time Zones, Rerun Settings and Activity Periods
- Understand and use the Keep Active attribute
- Define and use calendars

- Define folder schedules
- Explain how the Advanced scheduling option can be used to create more complex schedules
- Explain the different folder and job prerequisites
- Explain and use Lock Resources, Resource Pools and Workload Policies
- Define an order of precedence between folders and jobs
- Explain what Control-M variables are, and how they are used in folder and job definitions
- Explain variable scope
- Define and view shared variables
- Define Notifications and If-Actions
- Use the Changes History tool to restore previous job versions and deleted folders and jobs
- Open a Historical Viewpoint
- Define and manage Control-M Reports

Course Activities

- Student and lab guide as ebook
- Product community for questions and answers
- Course recording via WBT
- Access to instructor for up to 1.5 hours by appointment (use within 90 days of registration)

Virtual Lab

- With this offering, you will receive student and lab guides as eBooks. You will have access to product and communities to answer your questions. All the course recordings will be available in the form of WBTs. You will have access to the instructors for up to 1.5 hours by appointment. Make sure to use this time up within **90 days** of registration.
- Lab Vouchers are issued at course registration time and must be redeemed within **90 days** of receipt. Once Lab Voucher is redeemed, **28 days** of lab access (portal access) are granted with **24 hours** of on-demand lab time to be used. Once the lab time is used, or the 28 days expires, the lab access ends.
- Click **here** for additional ASP virtual lab access information in a graphical format.

Course Modules

Module 1: Control-M Solution Overview

- Explain the purpose of the BMC Control-M (Control-M) product
- Understand the architecture of Control-M
- Explain the different Control-M user roles from a high-level
- Understand the daily roles and responsibilities of a Control-M Scheduler
- List the Control-M interfaces
- Access the Control-M Web interface
- Navigate through the Control-M Web domains
- Access and update User Preferences in Control-M Web
- Explain the following Control-M concepts:
 - Workspaces
 - Folders
 - Jobs
 - New Day Process
 - Viewpoints
 - Services

Module 2: Defining Jobs

- Access and navigate through the Planning domain
- Create and open Workspaces
- Define and modify folders and jobs
- Save, Check In and Modify a Workspace

Module 3: Running Jobs

- Access and navigate through the Monitoring domain
- Explain, access, and define Public and Private Viewpoints
- Filter Viewpoints
- Manually run folders and jobs

Module 4: Job Dependencies

- Explain dependencies, including Add, Delete and Wait for Events
- Understand and explain the structure of Events
- Automatically and manually define Events
- Access the Events table
- Specify a different Run Date for Events
- Specify an Event relationship
- Explain what the Neighborhood is, and how to view folders and jobs in the Neighborhood
- Explain, define, and use Global Events

Module 5: Find and Update

- Explain the different Find options, and how they differ depending on where they are utilized
- Access and use Advanced Find
- Explain and use the Find and Update feature
- Save Find and Update presets

Module 6: Templates

- Explain the differences between job types
- Explain how to utilize different job types
- Define and utilize a Template
- Show and hide job types from the Workspace
- Explain and use the Mass Create feature
- Export and import Templates

Module 7: Job Scheduling

- Access and navigate through a job's Scheduling tab
- Define the basic scheduling options for jobs
- Access the View Schedule and Timeline View tools
- Specify Time Settings and Time Zones
- Specify Rerun Settings
- Specify an Activity Period
- Understand and use the Keep Active attribute

Module 8: Calendars

- Explain how calendars can be used to centrally manage folder and job schedules
- Explain and define the following calendar types:
 - Regular
 - Periodic
 - Rule-Based
- Explain and use Confirmation Calendars
- Understand SMART and sub folder scheduling

Module 9: Advanced Scheduling

- Explain how the Advanced option can be used to create more complex job and Rule-Based Calendar schedules
- Utilize rules with Regular and Periodic calendars

Module 10: Prerequisites

- Explain the different folder and job prerequisites
- Define Manual Confirmation for a folder or job
- Explain and use Lock Resources, Resource Pools and Workload Policies
- Specify a Priority to define an order of precedence between folders and jobs
- Explain and use the Critical attribute

Module 11: Variables

- Explain what Control-M variables are, and how they are used in folder and job definitions
- Understand the variable categories
- Explain variable scope
- Define and view shared variables
- Define list variables
- Utilize Capture from Job Output rules

Module 12: Notifications

- Explain what Notifications are, and why they are used
- Access and customize the Alerts Window
- Define Notifications Before and After Completion

Module 13: If-Actions

- Explain the purpose of If-Actions
- Define If Statements
- Define Actions
- Perform Output Handling

Module 14: Version History

- Explain how to access and review folder and job versions
- Access the Version History and Changes History tools
- Compare folder and job versions
- Restore previous job versions
- Restore deleted folders and jobs
- Explain the purpose of Historical Viewpoints
- Open a Historical Viewpoint
- View the history of Services

Module 15: Reports

- Understand how to access and define Control-M Reports
- Understand the different report categories and templates
- Save, Generate and Export a report

Discount Options

Have multiple students? Contact us to discuss hosting a private class for your organization.

Contact us for additional information 