Control-M SaaS

Control-M SaaS: Fundamentals Scheduling (WBT)

Note: This course was earlier known as BMC Helix Control-M: Fundamentals Scheduling (WBT)

Course Code: AUTO-HLFS-2024-WBT

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Learning Path >

Modality	Duration	Applicable Versions	Target Audience
Web-based Training (WBT)	6 Hours	Control-M SaaS	• Operators • Schedulers

Course Overview

Control-M SaaS is a workload automation solution that enables you to automate and schedule your business workflows across various platforms. It helps you to control various processes, called jobs, in an automatic and organized way.

Note: BMC Helix Control-M is now known as Control-M SaaS.

In this course, you will explore features and functionality found in the BMC Helix Control-M interface, a monitoring and management tool for scheduling jobs. Furthermore, you 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.

Prerequisites

- N/A

Recommended Trainings

- Helix Control-M: Fundamentals Concepts (WBT)
- Control-M SaaS: Fundamentals Operating (WBT)

Learning Objectives

- Explain the architecture of a typical Control-M SaaS environment and its concepts
- Create jobs in a workspace
- Create job dependencies
- Define and manage conditions
- Examine the scheduling options available for job definitions, including the use of calendars
- Create and use calendars
- Describe the different scheduling options for cyclic jobs
- Schedule a job and SMART folder during a date range
- Manage alerts from the Control-M SaaS interface
- Describe the purpose and function of Notifications and If-Actions
- Use various types of variables
- Add variables to a job definition
- Use job output to create a variable
- Work with Control and Quantitative Resources
- Define Workload Policies
- Create and modify templates
- Define functions in templates
- Describe the enhancements and capabilities of Control-M Reports
- Manage Control-M Reports

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
- Log in to the BMC Helix Control-M Tenant

Module 2: Introduction to Control-M Concepts
- Explain basic Control-M concepts and terminology
- State the relationship between the Job Definition and Active Jobs database tables.
- Explain the New Day Process
- Describe the function of the Monitoring domain
- Create and use Viewpoints
- Create a Historical Viewpoint

Module 3: Working with Control-M Jobs
- Describe the process to create jobs in a workspace
- Create job dependencies
- Define and manage events
- Describe how to manually create events
- Manage workspace, folder, and job definitions

Module 4: Scheduling Control-M Jobs
- Review and describe the scheduling options available for job definitions
- Review and describe SMART and Sub Folder scheduling
- Describe the different types of Calendars available for use
- Describe the process for creating Calendars using the Calendar Manager
- Describe how to use Calendars in job definitions

Module 5: Job Execution Parameters
- Outline cyclic jobs and SMART Folders
- Describe the different scheduling options for cyclic jobs and SMART Folders
- Describe the usage of the Keep Active for parameter
- Understand and configure Manual Confirmation

Module 6: Notifications and If Actions
- Describe the purpose and function of Notifications and If-Actions
- Use the Actions tab of the Properties pane to define Notifications and If-Actions

Module 7: Control-M Variables
- Describe the purpose of the variables
- Describe the various types of variables:
- Add variables to a job definition
- Describe shared variables

and their purpose
- Describe the scope of variables and how they are defined, used, and resolved
- Use the job output to create a variable

Module 8: Working with Resources
- Describe the purpose and use of Lock and Pool Resources
- View defined Resource Pools in the Resource Pools window
- Define new Resource Pools
- View defined Lock Resources in the Lock Resources window
- Add resource parameters to job definitions
- Define Workload Policies

Module 9: Client Tools for Job Management
- Describe job types
- Describe the purpose and usage of Templates
- Describe and use the Find and Update feature
- Understand version management and how to restore jobs

Module 10: Control-M Reports
- Describe the enhancements and capabilities of Control-M Reports
- Explain the various Report categories
- Manage Control-M Reports

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