

BMC Helix Control-M: Fundamentals Scheduling



Course Code: AUTO-HLFS-2024

Modality	Duration	Applicable Versions	Target Audience
Instructor-Led Training (ILT)	3 Days	BMC Helix Control-M 9.0.21.300	<ul style="list-style-type: none"> Operators Schedulers

Course Overview

BMC Helix Control-M 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.

This instructor-led training introduces participants to the features and functionality of the BMC Helix Control-M interface. 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.

Recommended Trainings

- Helix Control-M: Fundamentals Concepts (WBT)
- BMC Helix Control-M: Fundamentals Operating (ILT)

Learning Objectives

- Describe the Control-M architecture and its licensing models
- Identify the roles and responsibilities within the Control-M environment
- Access the BMC Control-M Tenant for operational use
- Define basic concepts and key terminology within the Control-M solution
- Explain how the New Day Process works and its significance
- Navigate through the Monitoring domain to monitor jobs and workflows
- Set up a Historical Viewpoint for job analysis and performance tracking
- Utilize the Keep Active parameter to manage job execution timeframes
- Confirm jobs manually using Control-M's manual confirmation feature
- Implement notifications and If-Actions to manage automated job responses
- Describe the purpose and different types of variables used in Control-M
- Use Lock and Pool Resources to coordinate and control job execution
- Explain the purpose and application of Workload Policies
- Demonstrate how Application Plug-ins are used to enhance job functionality
- Apply templates for efficient and standardized job creation
- Create and review a Request Workspace to manage job definitions
- Use the Find and Update feature to modify job and workspace configurations
- Analyze job versions using the Changes History window to track modifications
- Generate reports using the Control-M Reports facility for data-driven insights
- Create custom report templates using the Report Wizard to automate reporting
- Create jobs within a Workspace, including setting job parameters and dependencies
- Apply Wait for Events and Add/Delete Events for effective job sequencing
- Manage workspace, folder, and job definitions for efficient workflow control
- Utilize different Calendars and scheduling options, including cyclic job scheduling, to optimize job execution timing

Course Modules

Module 1: BMC Helix Control-M Solution

Overview

- Overview of Control-M
- Roles and Responsibilities of a Control-M Scheduler
- Accessing the BMC Helix Control-M Tenant

Module 2: Introduction to Control-M Concepts

- Control-M Concepts
- Active Environment and the New Day Process
- Introduction to the Monitoring Domain
- The Historical Viewpoint

Module 3: Working with Control-M Jobs

- Creating Jobs
- Creating Job Dependencies
- Defining Events Manually
- Managing Workspace, Folder and Job Definitions

Module 4: Scheduling Control-M Jobs

- Introduction to Job Scheduling
- Introduction to Control-M Calendars
- Rule-Based Calendars and Advanced Scheduling
- Install the required Automation API components

Module 5: Job Execution Parameters

- Cyclic Jobs and SMART Folders
- Using Keep Active and Manual Confirmation

Module 6: Managing Notifications and If-Actions

- Notifications Overview
- Using If-Actions

Module 7: Control-M Variables

- Introduction to Variables
- Using Variables
- Shared Variables
- Variables and Job Output

Module 8: Working with Resources

- Overview of Resources
- Lock Resources
- Resource Pools
- Workload Policies

Module 9: Client Tools for Job Management

- Control-M Application Plug-in Overview
- Job Templates
- Reviewing Request Workspaces
- Using Find and Update
- Managing Job Versions

Module 10: Control-M Reports

- Introduction to Control-M Reports
- Using Control-M Reports

Discount Options

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

Contact us for additional information 