



Control-M 21.x: Fundamentals Automation API Developing

COURSE ABSTRACT

COURSE CODE

» AUTO-CMAP-9211

APPLICABLE VERSIONS

» Control-M 9.0.21.100

DELIVERY METHOD

» Instructor-led Training (ILT)

COURSE DURATION

» 1 Day

PREREQUISITES

» None

RECOMMENDED TRAINING

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

Course Overview

By accessing the capabilities of Control-M via its Automation Application Programming Interface (API) from the Developers' Self-Service Portal, developers can work with workflow orchestration, further enhancing the self-service nature of the company's DevOps processes.

This one-day instructor-led training covers basic concepts of Control-M Automation API, how to write job definitions in JSON format, working with environments, validating and executing job definitions file, and how to review the job definitions in Control-M environment.

In addition to this, it also talks about deploy and run services. Finally, students will also learn about advanced job definitions and the use of deploy descriptor.

Target Audience

» Developers

Learner Objectives

- » Describe the Control-M architecture and Control-M Roles
- » Access the Control-M web interface
- » Understand the purpose and usage of the Control-M Automation API
- » Explain the Control-M Automation API Services
- » Use the Environment, Session, Build, Run and Deploy Services
- » Use JSON to create Control-M Jobs-as-Code
- » Use a Deploy Descriptor to modify code to comply with different environment standards
- » Understand how to build a CI/CD pipeline to automate code deployment



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COURSE ACTIVITIES

- » Classroom Presentations
- » Hands-on Lab Exercises


Control-M LEARNING PATH

- » <https://www.bmc.com/education/courses/control-m-training.html>

ACCREDITATION AND CERTIFICATION PATHS

- » This course is part of the Certified Associate Certification Path for Control-M for Developers.

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: Overview of Control-M Automation API

- » Control-M Overview
- » Automation API Overview
- » Accessing Control-M Web

Module 2: Getting Started with Automation API

- » Automation API Component Installation
- » Automation API Documentation
- » Automation API Services
- » Job Development Lifecycle

Module 3: Developing Jobs-as-Code

- » Basic Control-M Concepts
- » Understanding JSON
- » The Build Service
- » Writing Jobs-as-Code

Module 4: Using the Deploy and Run Services

- » Overview of the Run and Deploy Services
- » Using the Run Service
- » Using the Deploy Service

- » Using the Run Order Command

Module 5: Advanced Job Definitions

- » Defining an Order of Execution
- » Defining a Schedule
- » Defining Notifications

Module 6: Using the Deploy Descriptor

- » Overview of the Deploy Descriptor
- » Using the Deploy Descriptor
- » Building a Deployment Pipeline

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