Control-M 21.x: Fundamentals Automation API Developing

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 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

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

Courses 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

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