Control - M

Control-M 22: Fundamentals Application Integrator Administering

> **bmc**

Course Code: AUTO-CMAI-9220

Modality	Duration	Applicable Versions	Target Audience
Instructor-Led Training (ILT)	1 Day	• Control-M 9.0.22.000 • Control-M SaaS 9.0.22.100	• Schedulers • Administrators

Course Overview

Control-M Application Integrator extends the benefits of Control-M to any application through an easy-to-use design tool and access to crowdsourced job types in the Control-M Application Hub.

This instructor-led training introduces its participants to Control-M Application Integrator, its architecture, and its interface. Participants will learn to define a Simple Plug-in, publish a Plug-in, deploy a Plug-in. in addition to this, participants will learn to define a Command Line Plug-in. Hands-on labs allow participants to apply the procedures and concepts presented in the class.

Note: This course is based on Control-M version 9.0.22.000 and Control-M SaaS version 22.0

Prerequisites

- Control-M 22: Overview (WBT)
- Control-M 22: Concepts for Operators and Schedulers (WBT)
- Control-M 21.x: Comparing Web Interface with Client Interface (WBT)
- Control-M 22: Fundamentals Operating (ILT/ASP)
- Either (role dependent):
  - Schedulers - Control-M 22: Fundamentals Scheduling (ASP/ILT)
  - Administrators - Control-M 22: Fundamentals Administering (ASP/ILT)

Learning Objectives

- Outline the purpose of Application Integrator
- Review existing Application Plug-in repositories
- Access and navigate through the Application Integrator domain
- Install, validate, test, publish, deploy and unpublish Application Plug-ins
- Apply best practices for creating Application Plug-ins
- Design and define a new custom Application Plug-in
- Configure Execution Steps, Conditions, and sub-steps
- Add and manage Attributes and Attribute Dependencies
- Define Return Code and Output Handling Rules
- Define and test Connection Profiles for custom Application Plug-ins
- Create job definitions using custom Application Plug-ins

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Course Modules

Module 1: Getting Started with Application Integrator
- Outline the purpose of Application Integrator
- Review of the existing Application Plug-in repositories
- Install an existing Application Plug-in
- Design a custom Application Plug-in
- Outline best practices when creating a custom Application Plug-in

Module 2: Defining a Simple Plug-in
- Access the Application Integrator
- Define a new custom Plug-in
- Define Execution Steps
- Define Conditions
- Add Connection Profile Attributes
- Validate a Plug-in
- Test a Plug-in

Module 3: Publishing and Deploying a Plug-in
- Publish, Deploy and Unpublish a Plug-in
- Define a Connection Profile for a custom Plug-in
- Test a Connection Profile for a custom Plug-in
- Define a job definition that uses a custom Plug-in

Module 4: Defining a Command Line Plug-in
- Define Job Properties Attributes
- Define dependencies between Connection Profile and Job Properties Attributes
- Define Return Code Rules
- Define Output Handling Rules

Module 5: Defining a REST API or Web Service Plug-in
- Define REST API and Web Service Execution Steps
- Define sub-steps:
  - Runtime information capture
  - Manual abort operation
  - Verify operation completion
  - Retrieve output
- Define Step Iterations
- Define REST API and Web Service Output Handling Rules

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