

# BMC Helix Control-M: Fundamentals Application Integrator Administering



ABSTRACT

Course Code: AUTO-HLAI-2024

## Modality

Instructor-Led Training (ILT)

## Duration

1 Day

## Applicable Versions

BMC Helix Control-M  
9.0.21.100

## Target Audience

- Schedulers
- Administrators

## Course Overview

BMC Helix Control-M Application Integrator extends the benefits of BMC Helix 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 BMC Helix Control-M Application Integrator, its architecture, and its interface. Participants will learn to create, test, and deploy custom job types to the Helix Control-M environment.

## Recommended Trainings

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

## Learning Objectives

- Purpose of Application Integrator
- Application Integrator architecture
- Describe Application Plug-ins and their integration with both applications and BMC Helix Control-M itself
- How to configure access privileges for the Application Integrator Web UI
- The various Application Integrator Plug-in repositories
- Access and use the Application Integrator Web UI
- Create a new custom plug-in through the Application Integrator Web UI
- Validate and test your custom Application Plug-in
- Add conditions for triggering an Execution Step
- Update Command Line, REST API, and Web Service Execution Step details
- Use Job Properties and Connection Profile Attributes
- Create dependencies between Job Properties Attributes
- Understand Runtime Information Capture, Manual Abort Operation, and Verify Operation Completion Sub-Steps and their respective purpose
- Use Return Code Rules
- Use Output Handling Rules for each Interface Type
- Publish an Application Plug-in to the Client and Agents
- Create Connection Profiles for custom Application Plug-ins
- Create Job Definitions using custom Application Plug-ins
- Best practices when designing an Application Plug-in
- Understand Control-M's Swagger UI

## Course Modules

### Module 1: Introduction to the BMC Helix Control-M Application Integrator

- Explain the purpose of Application Integrator
- Understand what Application Plug-ins are and how they function
- Explain the Application Integrator architecture

### Module 2: Configuring BMC Helix Control-M Application Integrator

- Explain how to configure Role privileges for Application Integrator
- Explain how to import Application Plug-ins from the various repositories

### Module 3: Using the BMC Helix Control-M Application Integrator Interface

- Access and understand the Application Integrator Web UI Home Page
- Create a new Application Plug-in
- Validate and Test your Application Plug-in

### Module 4: Execution Step Details

- Explain how Conditions can be used to trigger Execution Steps
- Understand how Command Line, REST API and Web Service Execution Steps are configured
- Configure Connection Profile, Job Properties and Job Properties Dependencies Attributes

### Module 5: Sub-Steps and Rules

- Explain and define Sub-Steps
- Configure Return Code and Output Handling Rules

### Module 6: Publishing and Using a Plug-in

- Publish a plug-in to the Control-M Client
- Deploy a plug-in to a Control-M/Agent
- Create a Connection Profile for a custom plug-in
- Define job definitions using a custom plug-in

### Module 7: Best Practices and Using REST API

- Describe the best practices for creating an Application Plug-in
- Create a plug-in using the REST API interface

#### Discount Options

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

Contact us for additional information 