Faysal Aziz

Control-M

Workload Automation Software by BMC Software

FA-0526 · 5-day

Data & Analytics · Automation, RPA & Power Platform

Introduction

This concentrated 5-day course aims to provide learners with a deep understanding of BMC Control-M in a pragmatic and hands-on manner. Unlike a more theoretical academic setting, this course is designed with a strong industry-oriented focus, teaching skills that are directly applicable in a professional IT operations environment.

By presenting learners with practical situations similar to what they would encounter in the industry, they are equipped with the knowledge and skills to leverage BMC Control-M's capabilities effectively from day one on the job.

Learning outcomes

By the end of the course, learners will be able to:

1. Understand and navigate the BMC Control-M environment.
2. Implement job scheduling and workflows in BMC Control-M.
3. Utilize advanced features like predictive analytics, workload archiving, and automated agent deployment.
4. Troubleshoot and resolve common issues encountered in Control-M.
5. Apply the knowledge gained in a real-world context through a comprehensive capstone project.

Prerequisites

Before attending this course, learners should have:

1. A basic understanding of IT operations and IT service management.

2. Familiarity with the concept of enterprise workload automation.
3. Knowledge of operating systems and databases.

Assessment Methodology

1. In-course lab (daily hands-on lab)
2. Short quiz (online MCQ)
3. Group Project (hands-on lab)
4. Individual Capstone project (lab, development, integration, deployment)

Lab

1. Remote hosted Linux Ubuntu lab
2. Remote Windows Server
3. Local SSH enabled PC
4. MS SQL Development Server
5. IBM DB2

Supporting Materials

1. Reference materials
2. Libraries
3. Resource locations
4. Training manual
5. Test Data
6. Test files

Reporting

- Individual performance will be provided daily via online spreadsheet.
- Detailed assessment results and reflection of the capstone project.

Training outline

1. Day 1: Introduction to BMC Control-M

- Overview of BMC Control-M: its benefits, architecture, and key features.
- Enterprise Workload Automation: understanding the basics.
- Getting started with BMC Control-M: setup and environment navigation.

2. Day 2: Job Scheduling and Workflow Management in Control-M

- Creating and managing jobs and workflows in Control-M.
- Monitoring and management of job statuses, statistics, and notifications.
- Understanding and implementing job scheduling and workload balancing.

3. Day 3: Advanced Control-M Operations and Troubleshooting

- Leveraging advanced features: predictive analytics, workload archiving, and automated agent deployment.
- Introduction to BMC Control-M utilities.
- Troubleshooting common issues in Control-M and learning best practices.

4. Day 4 & 5: Capstone Project and Presentation

- Participants will work on a real-world project that involves the use of BMC Control-M for enterprise workload automation.
- This hands-on project will allow the trainees to apply the knowledge and skills acquired during the first three days of training.
- The last half-day will be dedicated to project presentations by trainees, sharing their project's objectives, approach, and key findings.

At the conclusion of the course, participants will have a well-rounded understanding of BMC Control-M and how it's used in industry settings, preparing them to effectively use the platform in their professional roles.

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