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Enterprise Computing Solutions - Education Services

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BMC Course for Control-M 21.x: Advanced Administering

CODE:	DURÉE:	PRIX H.T.:
BMC_AUTO-CMAD-9212	24 Hours (3 Jours)	€2,880.00

Description

This course provides Administrators and Consultants with the theory and hands-on experience to install additional components and perform advanced tasks that are beyond everyday administration, which will help to secure and fine tune the Control-M environment. This instructor-led training covers advanced tasks administrators are required to perform in Control-M such as ControlM Migration, Distributed Control-M/Enterprise Manager, Workload Archiving, Role-Based Administration, Remote Host with SSH, Administering Control-M using Automation API, Secure Sockets Layer (SSL) Configuration, and Housekeeping Activities.

Objectifs

- Migrate Control-M/Enterprise Manager
- Migrate Control-M/Server
- Install Distributed Control-M/Enterprise Manager
- Describe Control-M Workload Archiving
- Install Control-M Workload Archiving
- Configure Control-M Workload Archiving Policies
- Configure Control-M Workload Archiving Disk Space and Cleanup Settings
- Explain the purpose of the Control-M Automation API
- Install the Control-M Automation API and Automation API Command Line Interface
- Use the Environment, Session, Authentication, Config, Provision, Usage Automation API Services and Control M JSON files
- Generate Self Signed Certificates
- Configure SSL in Zones 1, 2 and 3
- Configure SSL with LDAP
- Perform health checking tasks for Control-M
- Monitor Control-M processes

Programme

Module 1: Control-M Migration

- Describe the BMC AMIGO Program
- Describe the Control-M/Enterprise Manager and Control-M/Server migration considerations and process
- Export/import the Control-M/Enterprise Manager data between environments
- Migrate Control-M/Server data manually or automatically
- Migrate Control-M Workload Archiving
- Implement post-Control-M/Server migration procedures
- Rename the Control-M/Server
- Connect the Gateway to the new Control-M/Server

Module 2: Additional Distributed Control-M Enterprise Manager Installation

- Describe Distributed Control-M/EM
- Explain the use cases for Distributed Control-M/EMs
- List the compatible hardware and operating systems for a Distributed Control-M/EM
- Implement the Control-M/EM pre-installation steps
- Install a Distributed Control-M/EM

- Connect a load balancer to the Control-M/EM servers
- Configure a HostPort for each EM server component when there is a firewall in the environment

Module 3: Control-M Workload Archiving

- Describe Control-M Workload Archiving and its purpose
- Explain the Control-M Workload Archiving installation process
- List the Control-M Workload Archiving installation prerequisites
- Install Control-M Workload Archiving
- Configure Control-M Workload Archiving Policies
- Configure Control-M Disk Space and Cleanup Settings
- Configure Workload Archiving System Parameters
- Perform an Archive Search

Module 4: Role-based Administration

- Overview of Role-Based Administration
- Assigning Role-Based Administration

Module 5: Administering Control-M Using Automation API

- Describe Control-M Automation API
- Explain how Control-M Automation API can be used to administer the Control-M environment
- List the prerequisites steps for getting started with the Control-M Automation API
- Install the required Automation API components
- Access the Automation API Documentation
- Identify and describe the Control-M Automation API Services
- Use the following Control-M Automation API Services Environment, Session, Authentication
- Understand how Control-M JSON is written and why it is used

Module 6: Using the Automation API Config Service

- Use the Config Service to configure the Control-M environment

Module 7: Using Automation API Provision and Usage Services

- Use the Provision Service to:

- Install, uninstall, upgrade, downgrade and configure Control-M/Agents and Application Plug-ins
- Install, configure and uninstall Control

- Use the Usage Service to generate a task usage report

Module 8: SSL Configuration

- Generate certificates (both your own and self
- Describe the Zones 1, 2 and 3 SSL configuration processes
- Configure and enable SSL on the Control-M Web Server (Zone 1)
- Configure and enable SSL in Zones 2 and 3
- Disable SSL on Control-M components
- Configure SSL with LDAP

Module 9: Control-M Health Checking

- Explain the Control-M Health Check process
- Implement Control-M process monitoring
- Identify key Control-M log files to parse for errors

- Examine the Control-M/Agent daily log
- Review and implement Control-M housekeeping jobs
- Implement a Control-M log file system cleanup process
- Review and implement Control-M performance tuning parameters
- Implement Control-M performance monitoring

Follow on courses

Recommended Trainings

- Control-M 21.x: Fundamentals Using (WBT)
- Control-M 21.x: Fundamentals Operating (ILT/ASP)
- Control-M 21.x: Fundamentals Administering (ILT/ASP)

Test et Certification

Dates de session

Date	Lieu	Time Zone	Langue	Type	Garanti	PRIX H.T.
09 Mar 2026	Virtual Classroom	CET	French	Instructor Led Online		€2,880.00
18 May 2026	Virtual Classroom	CEDT	French	Instructor Led Online		€2,880.00
29 Jun 2026	Virtual Classroom	CEDT	French	Instructor Led Online		€2,880.00
03 Aug 2026	Virtual Classroom	CEDT	French	Instructor Led Online		€2,880.00
07 Sep 2026	Virtual Classroom	CEDT	French	Instructor Led Online		€2,880.00
05 Oct 2026	Virtual Classroom	CEDT	French	Instructor Led Online		€2,880.00
16 Nov 2026	Virtual Classroom	CET	French	Instructor Led Online		€2,880.00

Informations Complémentaires

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.