Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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

CODE:	DURÉE:	PRIX H.T.:
BMC_AUTO-CMAD-9212	21 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

Sur demande. Merci de nous contacter

Informations Complémentaires

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