Control-M 20.x: Advanced Administering (ASP)

COURSE ABSTRACT

COURSE CODE
» AUTO-CMAD-0920-ASP

APPLICABLE VERSIONS
» Control-M 9.0.20.200

DELIVERY METHOD 🌐
» Assisted Self-paced (ASP)
 – Student and lab guide as an ebook
 – Product community for questions and answers
 – Course recording via WBT
 – Access to the instructor for one hour by appointment (use within 90 days of registration)

VIRTUAL LAB ACCESS
» Lab Vouchers are issued at course registration time and must be redeemed within 90 days of receipt. Once Lab Voucher is redeemed, 28 days of lab access (portal access) are granted with 24 hours of on-demand lab time to be used. Once the lab time is used, or the 28 days expire, the lab access ends.
» Click **here** for additional ASP virtual lab access information in graphical format.

COURSE DURATION
» Equal to 2 Days

PREREQUISITES
» *Control-M 20.x: Fundamentals Using (WBT)*
» *Control-M 20.x: Fundamentals Administering (ILT/ASP)*

Course Overview

This course provides Administrators and Consultants with the theory and hands-on experience to work on the installation of additional components and perform advanced tasks that are beyond everyday administration, which will help to secure and fine-tune the Control-M environment.

This assisted self-paced training covers advanced tasks Administrators are required to perform in Control-M within topics such as Control-M Migration, Distributed Control-M/Enterprise Manager, Workload Archiving, Remote Host with SSH, Role Based Administration, Secure Sockets Layer (SSL) Configuration, and Housekeeping Activities.

Target Audience
» Administrators
» Consultants

Learner Objectives
» 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
» Define Remote Host with WMI Connection
» Create an SSH Key
» Add Remote host with SSH connection
» Assign Role Based Administration Authorization
» Verify the result of Role Based Administration Authorization for a User
» Generate Self Signed Certificates
» Configure SSL on Control-M Web Server in Zone 1
» Configure ciphers for Control-M Web Server in Zone 1
» Configure SSL in Zone 2 and 3
» Enable SSL in Zone 2 and 3
» Configure Protocols and Ciphers for Zones 2 and 3
» Modify SSL Configuration between Control-M/Agent and Remote Hosts
» Configure SSL with LDAP or Active Directory Servers
» Perform Housekeeping tasks
» Check Database status
» Configure File system Clean Up parameters
» Stop and exclude the Statistics Clean Up during New Day Procedure
» Change Statistics Retention Period and Number of Records in Control-M/Server

For more information about BMC Education Services, visit **www.bmc.com/education**.

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COURSE ACTIVITIES
» Video Coaching
» Course eBook
» Virtual Lab
» Community Access
» Hands-on Lab Exercises

BMC CONTROL-M LEARNING PATH
» **https://www.bmc.com/education/courses/control-m-training.html**

CERTIFICATION PATH 🌐
» This course is part of the BMC Certified Professional Certification Path for Control-M for Administrators and Consultants.

DISCOUNT OPTIONS 🌐
» Have multiple students? Contact us to discuss hosting a private class for your organization
» **Contact us for additional information** 🌐

Course Modules

Module 1: Control-M Migration
» Introduction to Control-M Migration
» Migration Planning Process
» Control-M/EM Migration
» Control-M/Server Migration

Module 2: Distributed Control-M Enterprise Manager Installation
» Introduction to Distributed EM Installation
» System Requirements
» Installation of Distributed Control-M/Enterprise Manager
» Configuration of Additional Components

Module 3: Control-M Workload Archiving
» Introduction to Control-M Workload Archiving

» Control-M Workload Archiving Installation
» Control-M Workload Archiving Configuration
» Control-M Workload Archiving (From History and Monitoring Domains)
» Control-M Workload Archiving Command Line Utilities

Module 4: Remote Host with SSH
» Remote Host and Connection Parameters
» Defining Remote Host with WMI Connection
» Defining Remote Host with SSH Connection
» Using ctmkeygen Utility

Module 5: Role Based Administration
» Role Based Administration Overview
» Role Based Administration Authorization

Module 6: Secure Sockets Layer (SSL) Configuration
» Introduction to Key Stores and Self-signed Keys
» Generating Self-Signed Certificates
» Zone 1 SSL Configuration
» Zones 2 and 3 SSL Configuration
» LDAP SSL Configuration
» Additional SSL Configurations
» Control-M ctmkeytool Script

Module 7: Housekeeping Activities
» Active Environment
» Database
» Filesystem
» Shortening NDP

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