

Control-M 20.x: Advanced Administering

Course Summary

Description

This course provides Administrators and Consultants with the theory and hands-on experience to work on 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 instructor-led 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.

Objectives

At the end of this course, students will be able to:

- 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 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

Topics

- | | |
|---------------------------------------------------------|--------------------------------------------|
| • Control-M Migration | • Role-Based Administration |
| • Distributed Control-M Enterprise Manager Installation | • Secure Sockets Layer (SSL) Configuration |
| • Control-M Workload Archiving | • Housekeeping Activities |
| • Remote Host with SSH | |

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Course Summary (cont.)

Audience

The target audience for this course includes:

- Administrators
- Consultants

Prerequisites

To get the most out of this course, participants should have completed:

- Control-M 20.x: Fundamentals Using (WBT)
- Control-M 20.x: Fundamentals Administering (ITL/ASP)

Duration

Two days

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Course Outline

I. Control-M Migration

- A. Introduction to Control-M Migration
- B. Migration Planning Process
- C. Control-M/EM Migration
- D. Control-M/Server Migration

II. Distributed Control-M Enterprise Manager Installation

- A. Introduction to Distributed EM Installation
- B. System Requirements
- C. Installation of Distributed Control-M/Enterprise Manager
- D. Configuration of Additional Components

III. Control-M Workload Archiving

- A. Introduction to Control-M Workload Archiving
- B. Control-M Workload Archiving Installation
- C. Control-M Workload Archiving Configuration
- D. Control-M Workload Archiving (from the History and Monitoring domains)
- E. Control-M Workload Archiving Command Line Utilities

IV. Remote Host with SSH

- A. Remote Host and Connection Parameters
- B. Defining Remote Host with WMI Connection
- C. Defining Remote Host with SSH Connection
- D. Using ctmkeygen utility

V. Role-Based Administration

- A. Role-Based Administration Overview
- B. Role-Based Administration Authorization

VI. Secure Sockets Layer (SSL) Configuration

- A. Introduction to Key Stores and Self-signed Keys
- B. Generating Self-Signed Certificates
- C. Zone 1 SSL Configuration
- D. Zones 2 and 3 SSL Configuration
- E. LDAP SSL Configuration
- F. Additional SSL Configuration
- G. Control-M ctmkeytool Script

VII. Housekeeping Activities

- A. Active Environment
- B. Database
- C. Filesystem
- D. Shortening NDP