COURSE ABSTRACT

Course Overview

This comprehensive course focuses on Control-M/Tape and its components and architecture. It also covers the stages of the tape management conversion process and the modes of the Control-M/Tape implementation process. A focal point of this course is to learn about Data Facility Management System (DFSMS), External Data Management (EDM) interface, Automated Tape Libraries (ATL), Virtual Tape Systems (VTS), and Control-M/Tape Utilities.

Target Audience

- Operators
- Schedulers
- Administrators
- Consultants
- Mainframe Production Engineers
- Mainframe Support Engineers

Learner Objectives

By the end of this course, you should be able to:

- Identify the various components and explain the architecture of Control-M/Tape
- Explain the various stages of a tape management system conversion process
- Explain the Data Facility Storage Management System (DFSMS)
- Describe the External Data Management (EDM) interface
- Create Job Definitions and monitor them using your Job Type
- Describe Automated Tape Libraries (ATL) and Virtual Tape Systems (VTS)
- Describe the modes of the Control-M Tape implementation process
- Describe the conversion process of the old tape management system to Control-M Tape
- Use Control-M Tape utilities using the Control-M/Tape new day procedure
COURSE ABSTRACT

Control-M for Mainframe 20.x: Fundamentals Control-M/Tape Using (WBT)

COURSE ACTIVITIES

» Slide Presentations
» Engaging Interaction

CONTROL-M LEARNING PATH

» [https://www.bmc.com/education/courses/control-m-for-mainframe-training.html](https://www.bmc.com/education/courses/control-m-for-mainframe-training.html)

DISCOUNT OPTIONS

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

Course Lessons

**Lesson 1: Introduction to Control-M/Tape**

» Products in the Control-M for Mainframe Family
» About Control-M/Tape
» Components of Control-M/Tape
» Architecture of Control-M/Tape
» Interacting with Other Control-M Products
» Example of Control-M/Tape
» Interacting with Control-M Restart

**Lesson 2: Working with Control-M/Tape**

» Major Components of Control-M/Tape
» Control-M/Tape Rule Definitions
» Control-M/Tape Media Database Definition
» Identifying Volumes
» Identifying Datasets
» Minor Components of Control-M/Tape
» Overview of Control-M/Tape Online Facilities
» Rule Definition Facility
» Rule Definition Facility: Table List and Rule List screen
» Rule Definition Facility: Creating Rule Definitions
» Rule Definition Facility: ON Statement (Selection Parameters)
» Rule Definition Facility: Deleting a Rule
» Pool Definition Facility
» Pool Definition Facility: Table List and Pool List Screen
» Vault Definition Facility
» Inquire/Update Media Database Facility
» Inquire/Update Media Database Facility: Media Database List Screen
» Inquire/Update Media Database Facility: Volume Update Panel
» Inquire/Update Media Database Facility: Dataset Update Panel
» External Volume Check-In Facility

**Lesson 3: Preparing for Control-M/Tape Implementation**

» About the Implementation Strategy
» Modes of the Tape Management Conversion Process
» What is DFSMS?
» About DFSMS
» External Data Management Interface
» Automated Tape Library
» Types of Tape Libraries Interfaces
» Interacting with Automated Tape Libraries
» Virtual Tape Server
» Importing and Exporting in VTS
» Control-M/Tape Repository Files

**Lesson 4: Upgrading to Control-M/Tape**

» Global Test Mode
» Preparing for Global Test Mode
» Activating Control-M/Tape in Global Test Mode
» Monitoring Tape Management Reports
» Global Phased Mode
» Global Phased Mode: Activating and Monitoring
» Global Production Mode
» Activating Control-M/Tape in Global Production Mode
» Conversion of Tape Management Data
» Conversion from CA-1
» Conversion from the MVS Catalog

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COURSE ABSTRACT

Lesson 5: Control-M/Tape Utilities
- Control-M/Tape Database Utilities
- About the CTTIDB Utility
- CTTIDB Execution Modes
- TYPERUN Parameters
- Activating the CTTIDB Utility

- About the CTTMUP Utility
- About the CTTTM Utility
- About the CTTRPT Utility
- About the CTTRTB Utility
- About Stacking Solutions
- Resolving Duplicate VOLSER