



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

## COURSE ABSTRACT

### COURSE CODE

» CZZO-CTUS-F0920

### APPLICABLE PRODUCT/VERSIONS

» Control-M 9.0.20

### DELIVERY METHOD

» Web-based Training (WBT)

### COURSE DURATION

» 2 hours

### PREREQUISITES

» Control-M for Mainframe 20.x: Overview (WBT)

### RECOMMENDED TRAINING

» None

## 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



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### COURSE ACTIVITIES

- » Slide Presentations
- » Engaging Interaction

### CONTROL-M LEARNING PATH

- » <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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### Lesson 5: Control-M/Tape Utilities

- » Control-M/Tape Database Utilities
- » About the CTTIDB Utility
- » CTTIDB Execution Modes
- » TYPERS Parameters
- » Activating the CTTIDB Utility
- » About the CTTMUP Utility
- » About the CTTRTM Utility
- » About the CTTRPT Utility
- » About the CTTRTB Utility
- » About Stacking Solutions
- » Resolving Duplicate VOLSER