

## CA 1 Tape Management r12.6: Extended Users 200

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### Course Summary

#### Description

This course focuses on advanced functions that can help you more fully leverage CA 1 Tape Management to manage your tape resources successfully. Utilities to build and maintain the Tape Management Catalog (TMC) are presented including the TMC extend function, which lets you add volume ranges without stopping critical tape processing operations. Additionally, TMC chaining is presented and a description to detect and correct chaining problems is also provided

#### Objectives

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

- Describe TMC and audit data sets
- Format/extend, backup and restore TMC and audit data sets
- Explain CA 1 Tape Management chaining techniques and resolve chaining errors
- Use special-purpose CA 1 Tape Management utilities
- Choose applicable CA 1 Tape Management startup options

#### Topics

- CA 1 Structure
- CA 1 Chaining
- Chaining Workshop
- Utilities
- System Options

#### Audience

- Operators
- Tape Librarians
- Production Control Personnel
- Data Center Managers

#### Prerequisite

- CA 1 Tape Management r12.6: Operational Workshop 200 06TMG20043

#### Duration

Two Days

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### Course Outline

- I. **CA 1 Structure**
  - A. Explain the structure of TMC and audit data sets
  - B. Format/extend TMC and audit data sets
  - C. Use alpha-numeric VOLSERS
  - D. Physically remove ranges from TMC
  - E. Use TMSCOPY to perform backup/restore
- II. **CA 1 Chaining**
  - A. Describe how various TMC chains are built
  - B. Use TMSPTRS to detect chaining errors
  - C. Use Automatic Pointers Error Correction (APEC)
  - D. Use CA 1 online and batch facilities to correct chaining errors
- III. **Chaining Workshop**
  - A. Apply knowledge of chaining techniques to resolve errors discovered
- IV. **Utilities**
  - A. Verify CA 1 is properly tracking tape processing
  - B. Use Split/Merge process
  - C. Identify discrepancies between TMC and system catalog
  - D. Use CA 1 utilities to read labels and perform data erase
- V. **System Options**
  - A. How to view the options that are active
  - B. Select correct CA 1 system options for your environment