# Technotes

Technotes provide methods and instructions on how to do many TapeTrack procedures in your daily tape management processes.

Technotes are separated into main topics and/or TapeTrack Software and Command Line interfaces.

## Apache

- Running TapeTrack Utilities via Apache CGI

## Barcodes

- Barcode Definition Examples
- Barcode Processing
- Barcodes Longer Than 10 Characters In Length
- Modulo 43 Barcodes
- MT2090 Setup
- Printing Barcodes
- Printing Unqualified Barcode Labels

## CGI

- Running TapeTrack Utilities via Apache CGI

## Checkpoint

- Adding And Removing Registry Key Checkpoint Start-up
- Changing Connection Port Allocation
- Control Keys
- Desktop Login Options
- Function Keys
- Labelling Storage
- One Time Password - 2FA
- Program Failure
- Setting Environmental Variables
- Upgrading Checkpoint

## Command Line

- Creating A PDF Report
- PDF Output Error Codes
- Program Failure

- TMSS10VolumeDelete Examples
- Volumes Added Within A Defined Date Range, Currently Located In A Selected Repository

## Connection

- Desktop Login Options
- Opening TapeTrack Desktop Software Via Web Browser

## Configuration

- Add Or Remove Flags Based Off Last Read Time
- Configuration File
- Desktop Software Configuration File
- Lite Configuration File
- Remove Slot Level Display In TapeMaster
- Renaming Volume-ID's Using A Batch File
- Setting Environmental Variables
- Sharing Containers Between Customers With Lite Scan-Out
- Slot Numbering
- Volumes Added Within A Defined Date Range, Currently Located In A Selected Repository

## Database

- Clearing The Database
- Clearing The Entire Database
- Database Output Files
- Removing Volume Indexes
- Removing Volumes, History And Attributes
- Server Installer Variables

## Files

- Extracting a TapeTrack MSI from the setup.exe
- Transferring files via SFTP

## Framework Server

- Changing Connection Port Allocation
- Database Output Files
- Decommissioning Server Replication
- Disable The Replication Subsystem
- Disabling Journal And Volume History Entries
- eBPF Configuration
- Framework Server Command Line Arguments
- GeoIP

- Migrating TapeTrack To A New Server
- One Time Password - 2FA
- Removing Volume History
- Removing Volume Indexes
- Removing Volumes, History And Attributes
- Server: Anti-Throttle and Anti-Hacking
- Upgrading
- Upgrading Framework Server

## Import Export

- Excel Import - Container Table
- Importing Volumes And Volume Data From Excel Spreadsheets

## Information

- The Problem with Tape Management

## Installation

- Add TapeTrack Sync And Utilities To Linux
- Extracting a TapeTrack MSI from the setup.exe
- Installing Linux i686
- Installing Lite
- Installing TapeMaster
- Installing TapeTrack Via Repository

## Journal

- Disabling Journal And Volume History Entries
- Filtering Journal Output

## Lite

- Adding A New User
- Adding And Removing Registry Key Lite Start-up
- Adding New Volumes In Lite
- Adding Registry Key For Desktop Software Start-up Conformation
- Changing Connection Port Allocation
- Control Keys
- Creating Reports
- Desktop Login Options
- Desktop Software Configuration File
- Function Keys
- Importing Volumes And Volume Data From Excel Spreadsheets

- Installing Lite
- Lite Configuration File
- One Time Password - 2FA
- Pattern Matching And Filter Strings
- Reports - Repository
- Setting A Password
- Setting Environmental Variables
- Setting Expiry Dates
- Sharing Containers Between Customers With Lite Scan-Out
- Upgrading Lite
- User Access Rights
- User Groups

## Labelling

- Labelling Gemtrac Racks
- Labelling Promedia Drawers
- Labelling Storage

## Linux

- Add TapeTrack Sync And Utilities To Linux
- eBPF Configuration
- Executing Sync Using Netcat
- Installing Linux i686
- Installing TapeTrack Via Repository
- Linux Shared Objects
- Netcat on Linux
- Running Syncs with incrond
- Server: Anti-Throttle and Anti-Hacking
- Setting Environmental Variables

## Odpapi-v1 Adapter

- Odpapi-v1 Adapter

## Program Failure

- Program Failure

## Reconciliation

- Certificates - Export

## Registry

- Adding And Removing Registry Key Checkpoint Start-up
- Adding And Removing Registry Key Lite Start-up
- Adding And Removing Registry Key TapeMaster Start-up
- Adding Registry Key For Desktop Software Start-up Conformation
- Decommissioning Server Replication
- Disable The Replication Subsystem
- Disabling Journal And Volume History Entries
- Editing The Registry
- TapeMaster Startup Message

## Replication

- Decommissioning Server Replication
- Disable The Replication Subsystem

## Reports

- Certificates - Export
- Creating Reports
- Export User-ID's
- Inventory Examples
- List Storage History Reports
- Opening Windows Command Line Prompt
- Opening Windows PowerShell Prompt
- Reports - Inventory
- Reports - Repository
- Reports - Zones
- Running TapeTrack Utilities via Apache CGI
- Server Installer Variables
- TMSS10LogStatsProcess Reports

## Security

- eBPF Configuration
- Server: Anti-Throttle and Anti-Hacking
- The Problem with Tape Management

## Slotting

- Adjusting Slot Allocation
- Cannot update slot to zero
- Labelling Gemtrac Racks

- Labelling Promedia Drawers
- Labelling Storage
- Preparing Racking And Volumes For Slotting
- Re-slotting Volumes Within The Same Repository
- Remove Slot Level Display In TapeMaster
- Scan To Slot Via Repository Usage Map
- Scan To Slot Via Special Operations Slot Allocation
- Slot Numbering

# Synchronization

- Add TapeTrack Sync And Utilities To Linux
- Executing Sync Using Netcat
- Labelling Gemtrac Racks
- Labelling Promedia Drawers
- Netcat on Linux
- Running Syncs with incrond
- User Access Rights

# Tape Management

- The Problem with Tape Management

# TapeMaster

- Barcode Definition Examples
- Opening TapeTrack Desktop Software Via Web Browser
- Setting Expiry Dates

## TapeMaster Slots

- Adjusting Slot Allocation
- Cannot update slot to zero
- Re-slotting Volumes Within The Same Repository
- Remove Slot Level Display In TapeMaster
- Scan To Slot Via Repository Usage Map
- Slot Numbering

## TapeMaster Users

- Adding A New User
- Export User-ID's
- One Time Password - 2FA
- User Access Rights
- User Groups

### TapeMaster Volumes

- Hiding Volumes
- Importing Volumes And Volume Data From Excel Spreadsheets
- Move Volumes By Expiry Date
- Moving Volumes Automatically By Move Date
- Restricting Allowable Volume-ID's
- Restricting Which Volume-ID's Can Be Moved To A Repository.

## Users And Groups

- Adding A New User
- Setting A Password
- User Access Rights
- User Groups

## Variables

- Server Installer Variables
- Setting Environmental Variables

## Visual C++ Runtime

- Microsoft Visual C++ 2015 - 2022 Redistributable Package
- Upgrading

# All Technotes

- Add Or Remove Flags Based Off Last Read Time
- Add TapeTrack Sync And Utilities To Linux
- Adding A New User
- Adding And Removing Registry Key Checkpoint Start-up
- Adding And Removing Registry Key Lite Start-up
- Adding And Removing Registry Key TapeMaster Start-up
- Adding New Volumes In Lite
- Adding Registry Key For Desktop Software Start-up Conformation
- Adjusting Slot Allocation
- Barcode Definition Examples
- Barcode Processing
- Barcodes Longer Than 10 Characters In Length
- Batch Files
- Cannot update slot to zero
- Certificates - Export
- Changing Connection Port Allocation

- Clearing The Database
- Clearing The Entire Database
- Configuration File
- Configuring TapeMaster Commands
- Control Keys
- Create Export File
- Creating A PDF Report
- Creating Reports
- Database Output Files
- Decommissioning Server Replication
- Deleting Volumes
- Desktop Login Options
- Desktop Software Configuration File
- Diagnosing Command Line Utilities
- Disable The Replication Subsystem
- Disabling Journal And Volume History Entries
- eBPF Configuration
- Editing The Registry
- Excel Import - Container Table
- Executing Sync Using Netcat
- Export License
- Export User-ID's
- Extracting a TapeTrack MSI from the setup.exe
- Filtering Journal Output
- Framework Server Command Line Arguments
- Function Keys
- FUZZY Matching
- GeoIP
- Glow - Terminal Markdown Renderer
- Hiding Customers
- Hiding Media Types
- Hiding Objects
- Hiding Volumes
- Importing Volumes And Volume Data From Excel Spreadsheets
- Installing Linux i686
- Installing Lite
- Installing TapeMaster
- Installing TapeTrack Via Repository
- Inventory Examples
- Labelling Gemtrac Racks
- Labelling Promedia Drawers
- Labelling Storage
- Linux Shared Objects
- LIST Matching (Using External Pattern Files)

- List Storage History Reports
- Lite Configuration File
- Microsoft Visual C++ 2015 - 2022 Redistributable Package
- Migrating TapeTrack To A New Server
- Modulo 43 Barcodes
- Move Volumes By Expiry Date
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- Program Failure
- Re-slotting Volumes Within The Same Repository
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- Removing Volume History
- Removing Volume Indexes
- Removing Volumes, History And Attributes
- Renaming Volume-ID's Using A Batch File
- Report Output Formats
- Reports - Inventory
- Reports - Repository
- Reports - Zones
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- Restricting Which Volume-ID's Can Be Moved To A Repository.
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- Setting A Password
- Setting Environmental Variables
- Setting Expiry Dates
- Sharing Containers Between Customers With Lite Scan-Out
- Slot Numbering

- TapeMaster Startup Message
- TapeTrack Command Line Utilities - Markdown Report Output
- TapeTrack Configuration
- The Problem with Tape Management
- TMSS10LibraryHealth Reports
- TMSS10ListCatalog Reports
- TMSS10ListConsignments Reports
- TMSS10ListDRStrategies Reports
- TMSS10ListHistory Reports
- TMSS10ListMoveHistory Reports
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- TMSS10LogStatsProcess Reports
- TMSS10MoveList Reports
- TMSS10VolumeDelete Examples
- TMSSENVTRACE
- Transferring files via SFTP
- Upgrading
- Upgrading Checkpoint
- Upgrading Framework Server
- Upgrading Lite
- Upgrading Server Utilities
- Upgrading TapeMaster
- User Access Rights
- User Groups
- Using Windows Scheduler To Execute A Batch File
- Volumes Added Within A Defined Date Range, Currently Located In A Selected Repository


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