

Volume

A Volume represents one physical [object](#). Common Volumes include single LTO Cartridges, single DLT Cartridges, single compact discs, etc.

Volumes are the lowest Object of the TapeTrack hierarchy. They are owned by [Customers](#) and [Media Types](#) and can be moved between [Repositories](#).

Volume-ID

A Volume-ID is a string of characters associated with a Volume.

The Volume-ID will be reflected in the Volume Barcode, which may be a [Fully Qualified Barcode](#), or an [Unqualified Barcode](#).

They are often referred to as Volume Serials or Volsers.

Object Rules

1. The Volume-ID must be unique within a Customer/Media Type scope.
2. The Volume-ID must be between 1 and 10 characters long.

Technical Notes

- Dealing with Barcodes that are longer than 10 characters in length.
- Restricting allowable Volume-IDs.
- Restricting which Volume-IDs can be moved to a Repository.
- Hiding Volume-IDs.
- Advice for dealing with duplicate Volume-IDs.
- The Duplicate Volume-ID flag.

Elements

Properties

Setting Rules for Volume-IDs

Allowable Volume-IDs can be set in the Options Tab of the Media Type Properties window.

Edit New Media

Identity Options

Hide Media Type	False
Internal	False
Maximum Volumes	0
Maximum Repositories	0
Allowable Volume-IDs	??????L?
Default Media Type	True
Auto Simple Management	False
Auto Container	False
Stock Controlled	False
Auto Stock Selection	False
Relaxed Barcode Matching	True
No Move-back Warning	False
Lock Volumes	False
No HealthCheck	False
Show BuiltIn Repositories	False
Remove barcode suffix	
Barcodes use Modulo43	False
Default Repository	Library

Duplicate Volume-IDs

It is recommended that there be no duplicate Volume-IDs in a Customer.

To verify that there are no duplicate Volumes in a Customer, select **Select All** from the Right-Click Menu in the Volume list, then use the **Check for Duplicate** within Customer function in the Special Operations menu under the Right-Click Menu.

TapeTrack TapeMaster™ (GazillaByte LLC)

File Administration Favorites Tools View Help

Customer Filter

GazillaByte LLC - Production (56,186/134)

- AU01 - Sydney Data Center (855/93)
- CO01 - Colorado Data (27/1)
- CS01 - Colorado Springs Data Center (51,685/1)**
- NC01 - North Carolina Data Center (848/0)
 - LTO - LTO Cartridge (848/0)**
- NJ01 - New Jersey Data Center (3/0)
 - LTO - LTO Cartridge (3/0)**
- US01 - New York Data Center (2,320/38)**
 - 359X - IBM 359x Cartridge (2,070/1)**
 - CONT - Media Containers (5/0)
 - LTO - LTO Cartridge (245/37)**
- US02 - Los Angeles Data Center (326/0)
 - LTO - LTO Cartridge (326/0)**
- US03 - North Carolina Data Center A (122/1)**

Volumes

ID	Current Location	Target Location	Flags	Move To
000001JA	Library		CEnN	
000002JA	Library		Cn	
000003JA	Library		Cn	
000004JA	Library		Cn	
000005JA	Library		Cn	
000006JA	Library		Cn	
000007JA	Library		Cn	
000008JA	Library		Cn	
000009JA	Library		Cn	
000010JA	Library		Cn	
000011JA	Library		Cn	
000012JA	Library		Cn	
000013JA	Library		Cn	
000014JA	Library		Cn	
000015	Add		Cn	
000016	Delete		Cn	
000017	Edit >		Cn	
000018	Export		Cn	
000019	Find >		Cn	
000010	Favorites >		Cn	
000020	Print >		Cn	
000021	Properties		Cn	
000022	Select >		Cn	
000023			Cn	

Special Operations >

- Add Note
- Check for Duplicate within Customer**
- Confirm
- Container
- Detect missing Volumes in sequence
- Modify
- Scan
- Search Next Move Dates
- Show Next Move in Month View
- Slots

2,070 records

Repositories

- Offsite Vault
- GemTrac Rack
- Library

Types of Volumes

Two types of Volumes can exist within a given Media Type:

1. **Volumes** - Any single physical object.

2. **Containers** - A Container is a Volume that can hold other Volumes.

Further Reading

[Volume Properties Window](#)

[Moving Volumes](#)

[Volume List](#)

Parent

- [Media Type](#)

[Adding and deleting a Volume](#)

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