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Volume

A Volume represents one physical object that is to be tracked.

Common Volumes include:

- an LTO Cartridge
- a DLT Cartridge
- a Compact Discs
- a Turtle tape case

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.

Parent

Media Type

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.
- 3. Must only contain Alpha [A-Z] and Numeric characters [0-9] but can contain a dash as long as the dash is not the first character.
- 4. Can not contain a space or any special character other than a dash.
- 5. Must only use upper case characters.
- 6. Must comply with the Volume-ID filter specified in the Media Type object.
- 7. Must not exceed the Media Type Volume count cap.
- 8. Must not exceed the Server Volume count cap.
- 9. Must be unique within a Server scope if the the server option is set.
- 10. Must be unique within a Customer scope if the Customer option is set.

Elements

- Notes
- Extended Attributes
- History Items

• Catalog Items

Properties

- Target Repository
- Current Repository
- Last Scanned Repository
- Flags
- Home Slot

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.

Further Reading

- Volume Properties Window
- Moving Volumes
- Volume List
- Adding and deleting a Volume

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