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.

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 * [[technote:volume_flags|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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