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# **Container**



A Container represents one physical object that is to be tracked and can contain other assigned Volumes.

Common Container include:

- Box
- Transport Container (eg. Turtle Case)

#### **Container-ID**

A Container-ID is a String of characters associated with a Container.

The Container-ID will be reflected in the Container Barcode, which may be a Fully Qualified Barcode, or an Unqualified Barcode.



A Container-ID is a Volume-ID and is synonymous with the terms Volume Serial and Volsers.

## **Dependencies**

Media Type (parent)

## **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

### **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.

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