

# 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](#)
- [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.](#)

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