

# Slotting

A Slot is a location in a [Zone](#) large enough for one [Volume](#). Slotting is a process of allocating a [master:volumes|Volume]] to a particular slot to allow documentation of the exact storage location of that [master:volumes|Volume]].

## Adding Slots to a Repository

To add Slots to a [Repository](#), create a [Zone](#) using the Zone Administration tool in the Administration Menu. Then, follow the steps to [Add a Zone](#) to a Repository.

## Manually Add a Volume to a Slot

To manually add a [master:volumes|Volume]] to a Slot, double-click a [Volume](#) in the [master:volumes|Volume]] List or right-click a [Volume](#) in the Volume List and select **Properties**. This will launch the [Volume Properties Window](#).

Select the **Target Location** tab and enter a Slot number in either the Slot field in the Relative Location window or the Level field and Slot field in the Absolute Location window.

Edit Volume: 000022L5

Datasets Attributes VeriScore™ DR Strategies Options Catalog

Identity Target Location Current Location Scanned Location Notes History

Relative Location

Repository-ID OFFS Offsite Vault

Slot 5 Maximum=60

Absolute Location

Zone-ID Drawer 1 divider 1

Level 1

Slot 5

Update Statistics

Click Save and the [Volume](#) will be put into a Move to that slot, even if that [Volume](#) is moving to a Slot within its Current [Repository](#).

Press F5 in the inventory window to update the display to show new target slotting.

## Automatic Slotting

Automatic Slotting in TapeTrack is done with a Command Line program called [TMSS10SlotAllocation](#) that is included in installs of [TapeTrack Framework Server](#) and [TapeTrack Server Utilities](#) in conjunction with [Windows Task Scheduler](#).

[TMSS10SlotAllocation](#) must be run on the [TapeTrack Framework Server](#), but it can be launched remotely if necessary.

## Sample Slotting Script

```
<sxh> TMSS10SlotAllocation -S user:-password@tapetrack.domain.com >  
"%TMSS10REPORTS%\slotting_report.txt" 2> "%TMSS10REPORTS%\slotting_error.txt" </sxh>
```

## Preparing TapeMaster for Automatic Slotting

Before running [TMSS10SlotAllocation](#), Repositories must be set so that Slotting is Enabled. This can be done under the [Options Tab](#) of the [Repository Properties Window](#).

Edit Repository: Offsite Vault

Identity Zones Slot Usage Options Usage History Movement History Certification

|                                          |               |
|------------------------------------------|---------------|
| Allow Deletes                            | False         |
| Allow Overlaps                           | False         |
| De-assign from Container                 | False         |
| Empty Container                          | False         |
| Do not slot if Container                 | False         |
| Do not slot                              | False         |
| Require Tag                              | False         |
| Require Tag Reset                        | False         |
| No re-move                               | False         |
| Disallow backward next move date changes | False         |
| Reset Data Cluster                       | False         |
| Confirm Container Contents               | False         |
| Move Container Contents                  | False         |
| Late Threshold                           | 0             |
| Highwater Offset                         | 0             |
| Movement Mode                            | None          |
| Next Repository                          | Library       |
| Enable Slotting                          | True          |
| <b>Slot Assignment Options</b>           |               |
| Slotting Mode                            | IntelliSlot   |
| Ignore Home Slot                         | False         |
| Do not reslot                            | False         |
| Retain moving slot                       | False         |
| Slotting Order                           | Movement Time |
| <b>Capacity</b>                          |               |
| <b>Coordinates</b>                       |               |

Save Cancel Help

Once **Slotting** is enabled, the slotting Assignment Options can be set.

- **Slotting Mode**

- **IntelliSlot:** The Slotting batch process will Slot **Volumes** in groups by Consignment or Slotting Order until the available group slots are filled. At this point, empty Slots will be filled on a First Available Status.
- **First Available:** **Volumes** will be put in the first available Slot in their Repository and will not be grouped.
- **Bypass:** When **Volumes** are automatically confirmed (see above), they will not be assigned Slots.

- **Ignore Home Slot:** If a Volume has been assigned a Home Slot in the Options Tab of the [Volume Properties Window](#), this Repository will ignore it and Slot using the Slot assignment Options.
- **Do not reslot:** If set to true a **Volume** will not be reslotted in it's previous slot when it is moved back.
- **Retain moving slot:** If set to true the slot allocation is not made available for other **Volumes**

until the [master:volumes|Volumes]] moving out is confirmed at target location. False allows the slot to be allocated to another **Volume** as soon as the occupying **Volume** is placed in a move status.

- **Slotting Order:** There are three orders with which **Volumes** may be assigned Slots:
  - **Movement Time:** **Volumes** will be assigned Slots based on when they arrived at the selected Repository.
  - **From Location:** **Volumes** will be assigned Slots based on which Repository they were sent from.
  - **Volume-ID:** **Volumes** will be assigned Slots in the alphanumeric order based on their **Volume-ID's**.

[slot](#), [slotting](#)

From:

<https://docs.tapetrack.com/> - **TapeTrack Documentation**

Permanent link:

<https://docs.tapetrack.com/master/slotting?rev=1567105602>

Last update: **2025/01/21 22:07**

