

# Slotting

A Slot is a location in a [Zone](#) large enough for one [Volume](#). Slotting is a process of allocating a volume to a particular slot to allow documentation of the exact storage location of that 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 Volume to a Slot, Double-Click a Volume in the 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.

Click 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 Server, but it can be launched remotely if necessary.

## Sample Slotting Script

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

## 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       |
| <b>Enable Slotting</b>                   | <b>True</b>   |
| <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 preferences can be set.

- **Slot Assignment Setting**

- **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 setting.

- **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-IDs.

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