# Slotting

Edit Volume: 000022L5

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.

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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

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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

```
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.

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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.

From: https://rtfm.tapetrack.com/ - **TapeTrack Documentation** 

Permanent link: https://rtfm.tapetrack.com/master/slotting?rev=1508292433



Last update: 2025/01/21 22:07