

## 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.

The screenshot shows the 'Edit Volume: 000022L5' window with the 'Target Location' tab selected. The 'Relative Location' section contains a 'Repository-ID' dropdown set to 'OFFS' (Offsite Vault) and a 'Slot' spinner set to 5, with a 'Maximum=60' label. The 'Absolute Location' section contains a 'Zone-ID' dropdown set to 'Drawer 1 divider 1', a 'Level' spinner set to 1, and a 'Slot' spinner set to 5. An 'Update Statistics' button is located at the bottom of the window.

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 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](#).



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.
- **Do not reslot:** If set to true a Volume will not be reslotted in it's previous slot when it is moved back.
- **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:

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

