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.

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

```
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.

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