

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.

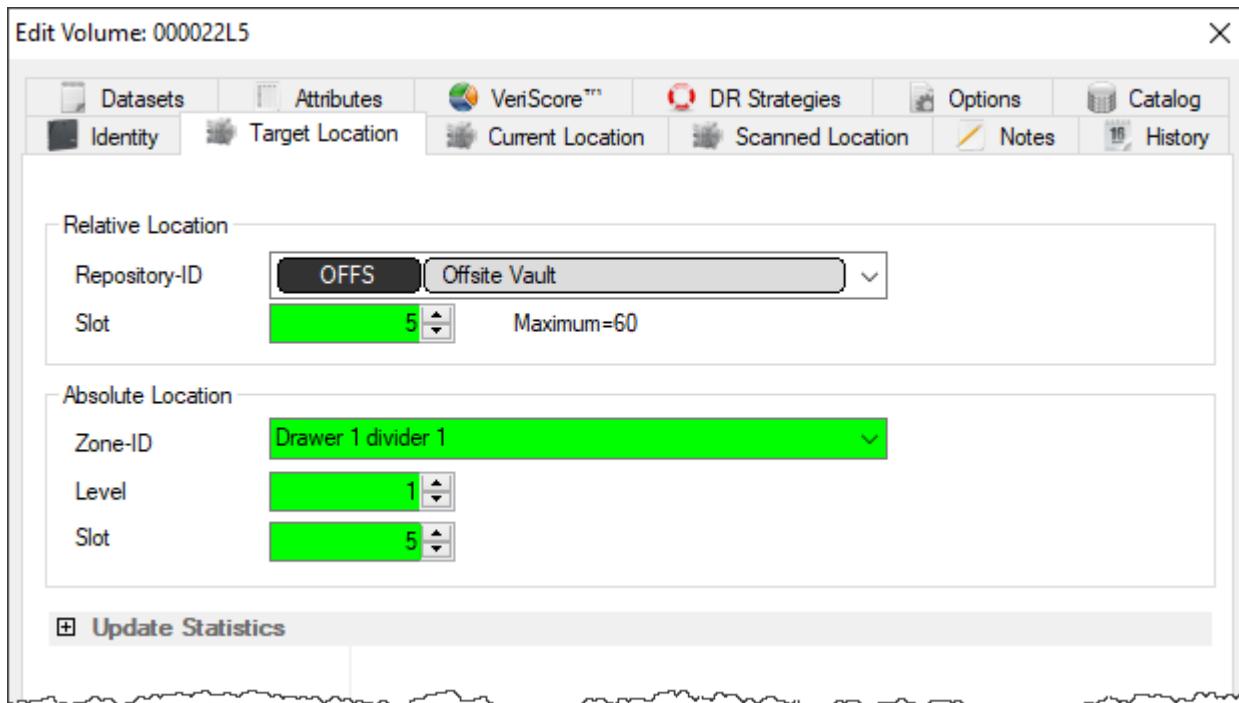
Adding Slots to a Repository

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.

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															
Enable Slotting	True															
Slot Assignment Options <table border="1"> <tr> <td>Slotting Mode</td> <td>IntelliSlot</td> </tr> <tr> <td>Ignore Home Slot</td> <td>False</td> </tr> <tr> <td>Do not reslot</td> <td>False</td> </tr> <tr> <td>Retain moving slot</td> <td>False</td> </tr> <tr> <td>Slotting Order</td> <td>Movement Time</td> </tr> </table>							Slotting Mode	IntelliSlot	Ignore Home Slot	False	Do not reslot	False	Retain moving slot	False	Slotting Order	Movement Time
Slotting Mode	IntelliSlot															
Ignore Home Slot	False															
Do not reslot	False															
Retain moving slot	False															
Slotting Order	Movement Time															
Capacity																
Coordinates																
<input type="button" value="Save"/> <input type="button" value="Cancel"/> <input type="button" value="Help"/>																

Slotting Mode: There are three Slotting Modes:

- IntelliSlot: The Slotting batch process will Slot Volumes in groups by Consignment or Slotting Order (see below) until the Highwater Offset (see above) is reached. 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 above parameters.
- 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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