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: 000022L	5				×
Datasets	Attributes Target Location	VeriScore™	DR Strategies Scanned Location	ion / Notes	Catalog 19 History
Relative Location					
Repository-ID	OFFS	Offsite Vault	~	,	
Slot	5	Maximum=60			
Absolute Location					
Zone-ID	Drawer 1 divider	1	~		
Level	1	÷			
Slot	5	÷			
	tics				
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	_	

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.

Allow Deletes     False       Allow Overlaps     False       De-assign from Container     False       Empty Container     False       Do not slot if Container     False       Do not slot if Container     False       Do not slot if Container     False       Require Tag     False       Require Tag Reset     False       No remove     False       Disallow backward next move date changes     False       Reset Data Cluster     False       Confirm Container Contents     False       Nove Container Contents     False       Move Container Contents     False       Nove Container Contents     False       Stotting Mode     None       Next Repository     Library       Enable Stotting     True       Stotting Mode     IntelliStot       Ignore Home Stot     False       Do not reslot     False       Do not reslot     False		Poptions 🔢 Usage History 🔢 Movement History 🗔 Certification
De-assign from Container       False         Empty Container       False         Do not slot if Container       False         Do not slot       False         Do not slot       False         Require Tag       False         Require Tag Reset       False         No re-move       False         Disallow backward next move date changes       False         Confirm Container Contents       False         Confirm Container Contents       False         Nove Entities Slotting       True         Slotting Mode       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Do not reslot       False         Do not reslot       False         Slotting Order       Movement Ti	llow Deletes	False
Empty Container       False         Do not slot if Container       False         Do not slot       False         Do not slot       False         Require Tag       False         Require Tag Reset       False         No re-move       False         Disallow backward next move date changes       False         Confin Container Contents       False         Confin Container Contents       False         Vove Container Contents       False         Nove Time       None         Note       None         Note       None         Note       None         Note       None         Stoting Mode       IntelliSlot         Ignore Home Slot	llow Overlaps	False
Do not slot if Container       False         Do not slot       False         Require Tag       False         Require Tag Reset       False         Nore-move       False         Disallow backward next move date changes       False         Reset Data Cluster       False         Confirm Container Contents       False         Move Container Contents       False         Late Threshold       0         Movement Mode       None         Next Repository       Library         Enable Slotting       True         Slotting Mode       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Slotting Order       Movement Time	e-assign from Container	False
Do not slot       False         Require Tag       False         Require Tag Reset       False         No re-move       False         Disallow backward next move date changes       False         Dont taba Cluster       False         Confirm Container Contents       False         Move Container Contents       False         Late Threshold       0         Movement Mode       None         Next Repository       Library         Enable Slotting       True         Slotting Mode       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Slotting Order       False         Slotting Order       Movement Time	mpty Container	False
Require Tag       False         Require Tag Reset       False         No re-move       False         Disallow backward next move date changes       False         Reset Data Cluster       False         Confim Container Contents       False         Move Container Contents       False         Late Threshold       0         Highwater Offset       0         Movement Mode       None         Next Repository       Library         Enable Slotting       True         Slotting Mode       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Slotting Order       Movement Time         To apacity       False	o not slot if Container	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         False       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Retain moving slot       False         Slotting Order       Movement Time         Slotting Order       Movement Time	o not slot	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         Novement Mode       None         Next Repository       Library         Enable Slotting       True         Slotting Mode       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Slotting Order       Movement Time         Slotting Order       Movement Time	equire Tag	False
Disallow backward next move date changes Reset Data Cluster False Confim Container Contents False Move Container Contents False Late Threshold 0 Highwater Offset 0 Movement Mode None Next Repository Library Enable Slotting True Slott Assignment Options Slotting Mode IntelliSlot Ignore Home Slot False Do not reslot False Retain moving slot False Retain moving slot False Slotting Order Movement Time Capacity	equire Tag Reset	False
Reset Data Cluster       False         Confirm Container Contents       False         Move Container Contents       False         Late Threshold       0         Late Threshold       0         Highwater Offset       0         Movement Mode       None         Next Repository       Library         Enable Slotting       True         Slottang Mode       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Slotting Order       Kalse         Slotting Order       Movement Time         Ignoret Time       False         Slotting Order       Movement Time	o re-move	False
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Move Container Contents       False         Late Threshold       0         Highwater Offset       0         Movement Mode       None         Next Repository       Library         Emble Slotting       True         Slotting Mode       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Slotting Order       False         Slotting Order       Movement Time         Slotting Order       Movement Time	eset Data Cluster	False
Late Threshold       0         Highwater Offset       0         Movement Mode       None         Next Repository       Library         Enable Slotting       True         Slott Assignment Options       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Retain moving slot       False         Slotting Order       Movement Time         It Capacity       Slotting Coder	onfirm Container Contents	False
Highwater Offset       0         Movement Mode       None         Next Repository       Library         Enable Slotting       True         Slott Assignment Options       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Retain moving slot       False         Slotting Order       Movement Time         Image: Capacity       Image: Capacity	love Container Contents	False
Movement Mode       None         Next Repository       Library         Enable Slotting       True         Slot Assignment Options       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Retain moving slot       False         Slotting Order       Movement Time         Image: Capacity       Some the state	ate Threshold	0
Next Repository       Library         Enable Slotting       True         Slot Assignment Options       IntelliSlot         Ignore Home Slot       IntelliSlot         Do not reslot       False         Retain moving slot       False         Slotting Order       Movement Time         Image: Capacity       Capacity	ighwater Offset	0
Enable Slotting       True         □ Slot Assignment Options       IntelliSlot         Slotting Mode       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Retain moving slot       False         Slotting Order       Movement Time          Capacity	lovement Mode	None
□       Slot Assignment Options         Slotting Mode       IntelliSlot         Ignore Home Slot       False         Do not reslot       False         Retain moving slot       False         Slotting Order       Movement Time          Capacity	ext Repository	Library
Slotting Mode     IntelliSlot       Ignore Home Slot     False       Do not reslot     False       Retain moving slot     False       Slotting Order     Movement Time <ul> <li>Capacity</li> </ul>	nable Slotting	True
Ignore Home Slot     False       Do not reslot     False       Retain moving slot     False       Slotting Order     Movement Time             Capacity	Slot Assignment Options	
Do not reslot     False       Retain moving slot     False       Slotting Order     Movement Time       Image: Capacity     Capacity	Slotting Mode	IntelliSlot
Retain moving slot     False       Slotting Order     Movement Time       T     Capacity		False
Slotting Order         Movement Time	Do not reslot	False
	Retain moving slot	False
	Slotting Order	Movement Time
Coordinates	Capacity	
	Coordinates	
		~

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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