

Adjusting Slot Allocation

From time to time you may need to adjust a [Customers Slot](#) allocation based on increased or decreased [Volume](#) numbers.

Increasing Slot Allocation

Slotting allocation can be increased by either adding extra [zones](#) to the [Repository](#), or by increasing the [Slot](#) allocation within the currently assigned [Zones](#).

See [Maintaining A Zone](#) to add or increase Zone allocation.

Decreasing Slot Allocation

Removing Empty Slots

Decreasing [Slot](#) allocation for a [Customer](#) can be as simple as reducing the [Slots](#) allocated through the **Slot Edit Range Information** window, as long as the [Slots](#) being removed are sequential, unoccupied and from the end of the last Zone allocated.

Removing Slot allocation using this method must be from the last allocated Zone (if multiple Zones are assigned) from the high end of the Zone. The reason for this is if there are three Zones allocated, each with 100 Slots, TapeTrack interprets these as one continual Slot arrangement, 1 to 100 in Zone 1, 101 to 200 in Zone 2 and 201 to 300 in Zone 3. Reducing the Slot allocation from 300 to 250 by removing the last 50 Slots from Zone 3 keeps all lower Slotted tapes in the same number Slot. So a tape in Slot 248 would still in the same place (Zone 3, 48th slot). If you were to remove the 50 Slots in Zone 2, Zone 1 would still be Slots 1 to 100, Zone 2 would now be Slots 101 to 150 and Zone 3 would be 151 to 250, essentially putting Slot 248 now in the 98th Slot in Zone 3. This would put all Volumes in Zone 3 out 50 Slots in allocation vs physical location.

Removing Occupied Slots

If the [Slots](#) to be removed from allocation are currently occupied, completely or partially, the [Volumes](#) will need to be reslotted before this can be accomplished.



You must have enough empty [Slots](#) under the highwater mark to accommodate any [Volumes](#) currently slotted above the mark.

To remove these [Volumes](#) from the occupied [Slots](#):

- Right click the required [Repository](#) and select Properties, or double click the [Repository](#) , and click on the Options tab.

The screenshot shows the TapeTrack TapeMaster (GazillaByte) interface. The left sidebar displays a tree view of the production environment, including 'GazillaByte - Production', 'US00 - United States', 'US01 - New York', 'US02 - Los Angeles', 'CONT - Cont...', 'LTO - LTO Car...', and 'US03 - North Caro...'. The main window is titled 'Inventory' and shows the 'Los Angeles Data Center' with the 'LTO Cartridge' selected. The 'Volumes' tab is active, displaying a table of tape volumes.

ID	Current Location	Target Location	Flags	Next Move	Description
000000L6	GemTrac		Cn	Permanent	
000001L6	Library		Cn	Permanent	
000002L6	Red 1 [10.1]		CO	Permanent	
000003L6	Red 1 [8.6]		CNO	Permanent	Friday Backup
000004L6	Red 1 [9.5]		CNO	Permanent	Friday Backup
000005L6	Red 1 [3.2]		CNO	Permanent	Friday Backup
000006L6	Red 1 [3.3]		CNO	Permanent	Monthly January
000007L6	Red 1 [2.5]		CO	Permanent	
000008L6	GemTrac		Cn	Permanent	
000009L6	Library		CnN	Permanent	Friday Backup
000010L6	Red 1 [2.4]		CO	Permanent	
000011L6	Red 1 [3.7]		CO	Permanent	
000012L6	Red 1 [3.4]		CO	Permanent	
000013L6	Library		Cn	Permanent	
000014L6	Red 1 [3.5]		CO	Permanent	
000015L6	GemTrac		Cn	Permanent	
000016L6	GemTrac		Cn	Permanent	
000017L6	GemTrac	Library	CMn	Permanent	
000018L6	GemTrac	Library	CMn	Permanent	
000019L6	GemTrac	Library	CMn	Permanent	
000020L6	GemTrac	Library	CMn	Permanent	
000021L6	GemTrac		Cn	Permanent	

At the bottom of the table, it shows 'Total Items: 263', 'Total Selected: 1', and 'First Selection: 16'. Below the table is a 'Repositories' section with icons for 'GemTrac', 'Library', and 'Offsite Vault'. The status bar at the bottom indicates 'Connection 127.0.0.1 uses AES 256 bit encryption' and a 'Tape' button.

- Set Highwater Offset to the number you wish to lower Slot allocation by. For example if you currently have 3000 Slots allocated and wish to reduce the allocation to 1000 Slots set the highwater offset to 2000 (3000 - 2000).

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	2000
Movement Mode	None
Next Repository	Library
Enable Slotting	True

- Run the slotting program [TMSS10SlotAllocation](#) to re-slot any [Volumes](#) above the highwater mark.
- Decrease the [slot allocation](#).

Edit Range Information

Zone Selection

Zone-ID **2:2** Drawer 2 divider 2

Slot Start 1 Level 01, Slot S01

Slot End 2000 Level 100, Slot S20

Slot Total 2000

Slots/Level 20

Slot Ranges

Start Slot 1 Level/Slot 1 1

End Slot 1000 Level/Slot 50 20

Total Slots 1000

OK Cancel

C-ID	M-ID	R-ID	Start	Slot	End
US03	LT0	OFFS	Level 01, Slot S01	1	Level 100, Slot S20

- Adjust the **Highwater Offset** back to zero to enable use of all allocated [Slots](#).

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

From:
<https://rtfm.tapetrack.com/> - TapeTrack Documentation

Permanent link:
https://rtfm.tapetrack.com/master/adjusting_slot_allocation?rev=1638837305

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