

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) software interface. The left sidebar displays a tree structure of storage locations: 'GazillaByte - Production' with branches for 'US00 - United States', 'US01 - New York', 'US02 - Los Angeles', 'CONT - Conta', 'LTO - LTO Car', and 'US03 - North Carolina'. The main window has tabs for 'Inventory', 'DR Strategies', 'Data Clusters', 'Simple Management', 'Uploaded Files', and 'Consignments'. The 'Inventory' tab is selected, showing the 'Volumes' table. The table is titled 'Los Angeles Data Center' and has a sub-tab 'LTO Cartridge'. The columns are: ID, Current Location, Target Location, Flags, Next Move, and Description. The table lists 263 items. The 'Description' column contains several entries in red and green, such as 'Friday Backup' and 'Monthly January'. The 'Repositories' section below the table shows icons for 'GemTrac', 'Library', and 'Offsite Vault'.

ID	Current Location	Target Location	Flags	Next Move	Description
0000001L6	GemTrac		Cn	Permanent	
0000001L6	Library		Cn	Permanent	
0000002L6	Red 1 [10.1]		CO	Permanent	
0000003L6	Red 1 [8.6]		CNO	Permanent	
0000004L6	Red 1 [9.5]		CNO	Permanent	
0000005L6	Red 1 [3.2]		CNO	Permanent	
0000006L6	Red 1 [3.3]		CNO	Permanent	
0000007L6	Red 1 [2.5]		CO	Permanent	
0000008L6	GemTrac		Cn	Permanent	
0000009L6	Library		CnN	Permanent	
0000010L6	Red 1 [2.4]		CO	Permanent	
0000011L6	Red 1 [3.7]		CO	Permanent	
0000012L6	Red 1 [3.4]		CO	Permanent	
0000013L6	Library		Cn	Permanent	
0000014L6	Red 1 [3.5]		CO	Permanent	
0000015L6	GemTrac		Cn	Permanent	
0000016L6	GemTrac		Cn	Permanent	
0000017L6	GemTrac		CmN	Permanent	
0000018L6	GemTrac		CmN	Permanent	
0000019L6	GemTrac		CmN	Permanent	
0000020L6	GemTrac		CmN	Permanent	
0000021L6	GemTrac		Cn	Permanent	

Total Items: 263 Total Selected: 1 First Selection: 16

Repositories

- GemTrac
- Library
- Offsite Vault

Connection 127.0.0.1 uses AES 256 bit encryption

- 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		Slot				
C-ID	M-ID	R-ID	Start	Slot	End	
US03	LTO	OFFS	Level 01, Slot S01	1	Level 10	
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					
<input type="button" value="OK"/>	<input type="button" value="Cancel"/>					

- 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			

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



Permanent link:

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

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