

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.



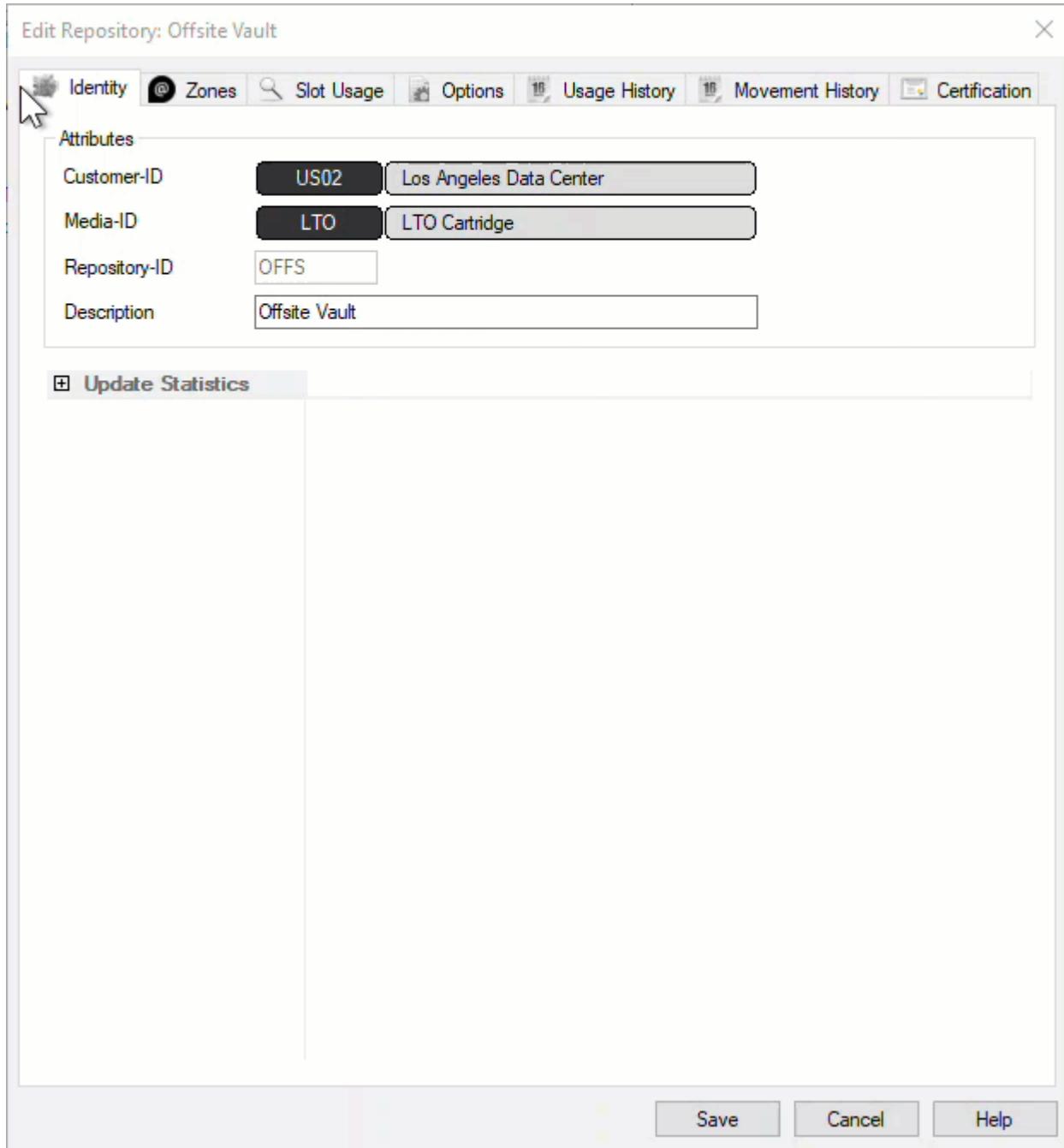
You must have enough empty [Slots](#) under the highwater mark to accommodate any [Volumes](#) currently slotted above the mark.

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 pane displays a tree view of storage locations: 'GazillaByte - Production' containing 'US00 - United States' (with 'US01 - New York', 'US02 - Los Angeles', and 'US03 - North Carolina' as children), and 'CONT - Contain' and 'LTO - LTO Car'. The right pane 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 has columns: ID, Current Location, Target Location, Flags, Next Move, and Description. The 'Target Location' column is currently set to 'Los Angeles Data Center LTO Cartridge'. The 'Description' column contains various notes such as 'Permanent', 'Friday Backup', and 'Monthly January'. The 'Volumes' table shows 263 total items. Below the table is the 'Repositories' tab, which lists 'GemTrac', 'Library', and 'Offsite Vault' with their respective icons. At the bottom of the interface, a status bar indicates 'Connection 127.0.0.1 uses AES 256 bit encryption' and a 'Tape' icon.

Select the Options tab from the Repository Properties.

Set **Highwater Offset** to the number you wish to lower **Slot** allocation by. For example if you currently have 100 **Slots** allocated and wish to reduce the allocation to 60 **Slots** set the highwater offset to 40 (100 - 60).



Run the slotting program [TMSS10SlotAllocation](#) to re-slot any [Volumes](#) above the highwater mark. If you have Slotting scheduled you can let the program execute on the schedule, or manually run it if required.

Click in the Inventory window of TapeMaster and Press F5 to refresh the display, any Volumes Slotted above the Highwater Offset will now be in a move to a lower Slot.

M TapeTrack TapeMaster™ (GazillaByte)

File Administration Favorites Tools View Help

Customer Filter

GazillaByte - Production

US00 - United States

US01 - New York

US02 - Los Angeles

CONT - Conta

LTO - LTO Car

US03 - North Carolina

Inventory DR Strategies Data Clusters Simple Management Uploaded Files Consignments

Volumes

Los Angeles Data Center LTO Cartridge

ID	Current Location	Target Location	Flags	Next Move	Description
0000001L6	GemTrac		Cn	Permanent	
0000011L6	Library		Cn	Permanent	
0000021L6	Red 1 [10.1]		CO	Permanent	
0000031L6	Red 1 [8.6]		CNO	Permanent	Friday Backup
0000041L6	Red 1 [9.5]		CNO	Permanent	Friday Backup
0000051L6	Red 1 [3.2]		CNO	Permanent	Friday Backup
0000061L6	Red 1 [3.3]		CNO	Permanent	Monthly January
0000071L6	Red 1 [2.5]		CO	Permanent	
0000081L6	GemTrac		Cn	Permanent	
0000091L6	Library		CnN	Permanent	Friday Backup
0000101L6	Red 1 [2.4]		CO	Permanent	
0000111L6	Red 1 [3.7]		CO	Permanent	
0000121L6	Red 1 [3.4]		CO	Permanent	
0000131L6	Library		Cn	Permanent	
0000141L6	Red 1 [3.5]		CO	Permanent	
0000151L6	GemTrac		Cn	Permanent	
0000161L6	GemTrac		Cn	Permanent	
0000171L6	GemTrac	Library	CMn	Permanent	
0000181L6	GemTrac	Library	CMn	Permanent	
0000191L6	GemTrac	Library	CMn	Permanent	
0000201L6	GemTrac	Library	CMn	Permanent	

Total Items 263 Total Selected 1 First Selection 33

Repositories

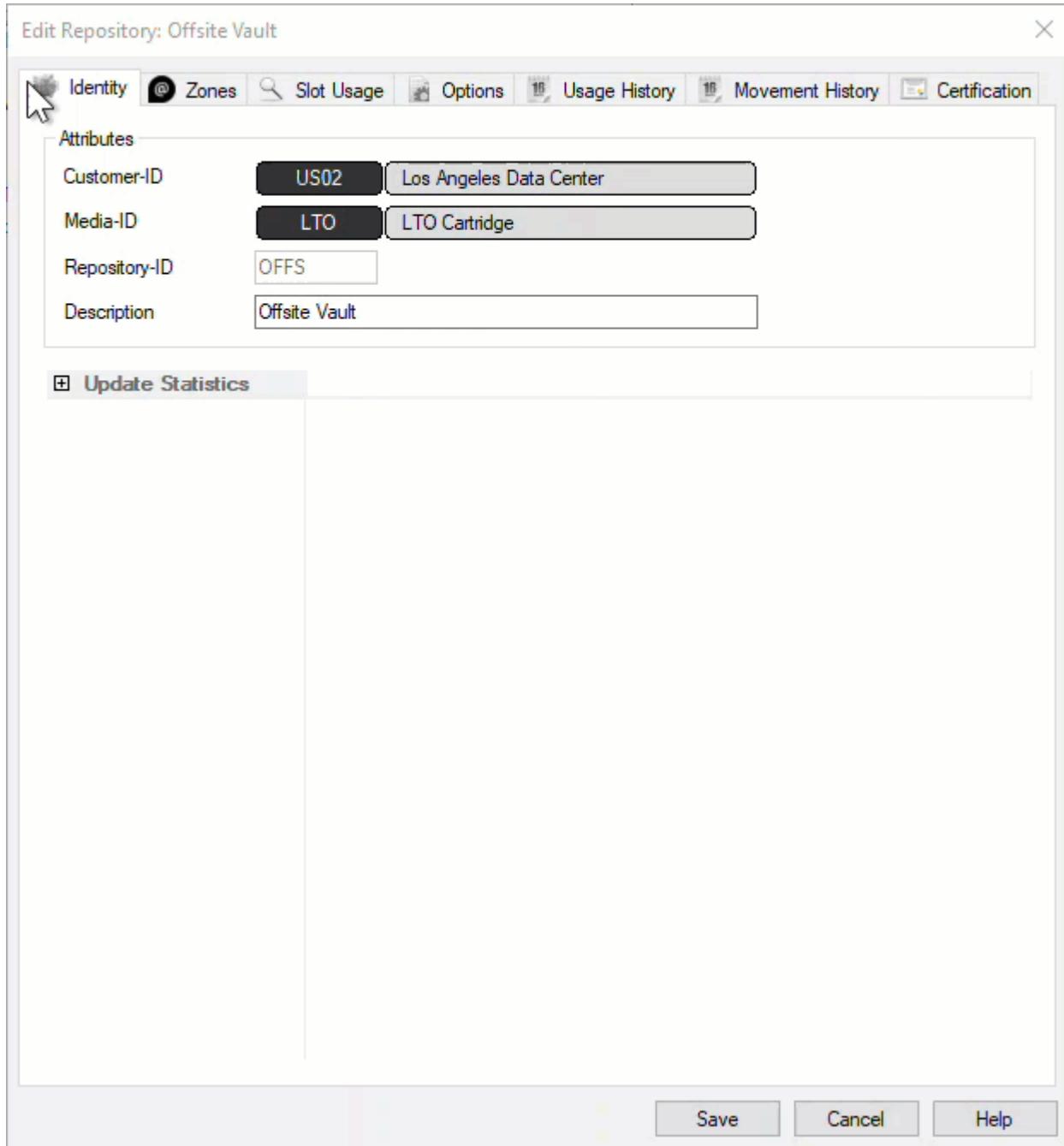
GemTrac Library Offsite Vault

Connection 127.0.0.1 uses AES 256 bit encryption

Tape

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

Adjust the **Highwater Offset** back to zero to enable use of all allocated [Slots](#) and click Save to update the information. This is important to do before adjusting the Slot allocation on the Zone. If you have TMSS10SlotAllocation scheduled at close intervals, otherwise the next time Slotting runs it will adjust the Volumes below the Highwater offset again. In this example it would try to lower Volumes to Slots 1 to 20 (eg 60 Slots - the 40 Highwater Offset)



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

Right click on the Zone Index and select [Properties](#) (or double click) on the required Zone to open the [Edit Range Information](#) window.

Edit Repository: Offsite Vault

Identity Zones Slot Usage Options Usage History Movement History Certification

Total Slots	60
Usage	
Occupied	7
Total Free	53
Percentage Free	88.33%

Index	Zone	Start	End	Total	Range	Used
001	Red 1	L01-S01 (1)	L06-S10 (60)	60	1-60	7
002						
003						
004						
005						
006						
007						
008						
009						
010						
011						
012						
013						
014						
015						
016						
017						
018						
019						
020						
021						

Total Items 200 Total Selected 1 First Selection 1

Save Cancel Help

Using the slider adjust the Slot allocation (or enter number in the Allocation:End field) to the desired Slot number to decrease the [slot allocation](#).

>Edit Range Information

Zone-ID	Red 1
<input checked="" type="checkbox"/> Properties	
Description	Red 1
<input type="checkbox"/> Slots	
Start	1
End	100
Per Level	10
<input type="checkbox"/> Allocation	
Start	1
End	100

C-ID	M-ID	R-ID	Start	Slot	End	Slot	Total
***	LTO	OFFS	Level 01, Slot S01	1	Level 01, Slot S02	2	2
US02	LTO	OFFS	Level 01, Slot S01	1	Level 10, Slot S10	100	100
US02	LTO	RA...	Level 01, Slot S01	1	Level 20, Slot S10	200	200
			Level 01, Slot S03	3	Undetermined	0	4,294,967,294
			Level 21, Slot S01	201	Undetermined	0	4,294,967,096

OK Cancel

Click OK on the Edit Range Information window to close once the correct Slot allocation data is entered.

Click Save on the "Edit Repository" window to commit the new Slot allocation data.

[technote](#), [slotting](#), [zone](#), [tapemaster](#)

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Permanent link:

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