

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](#):

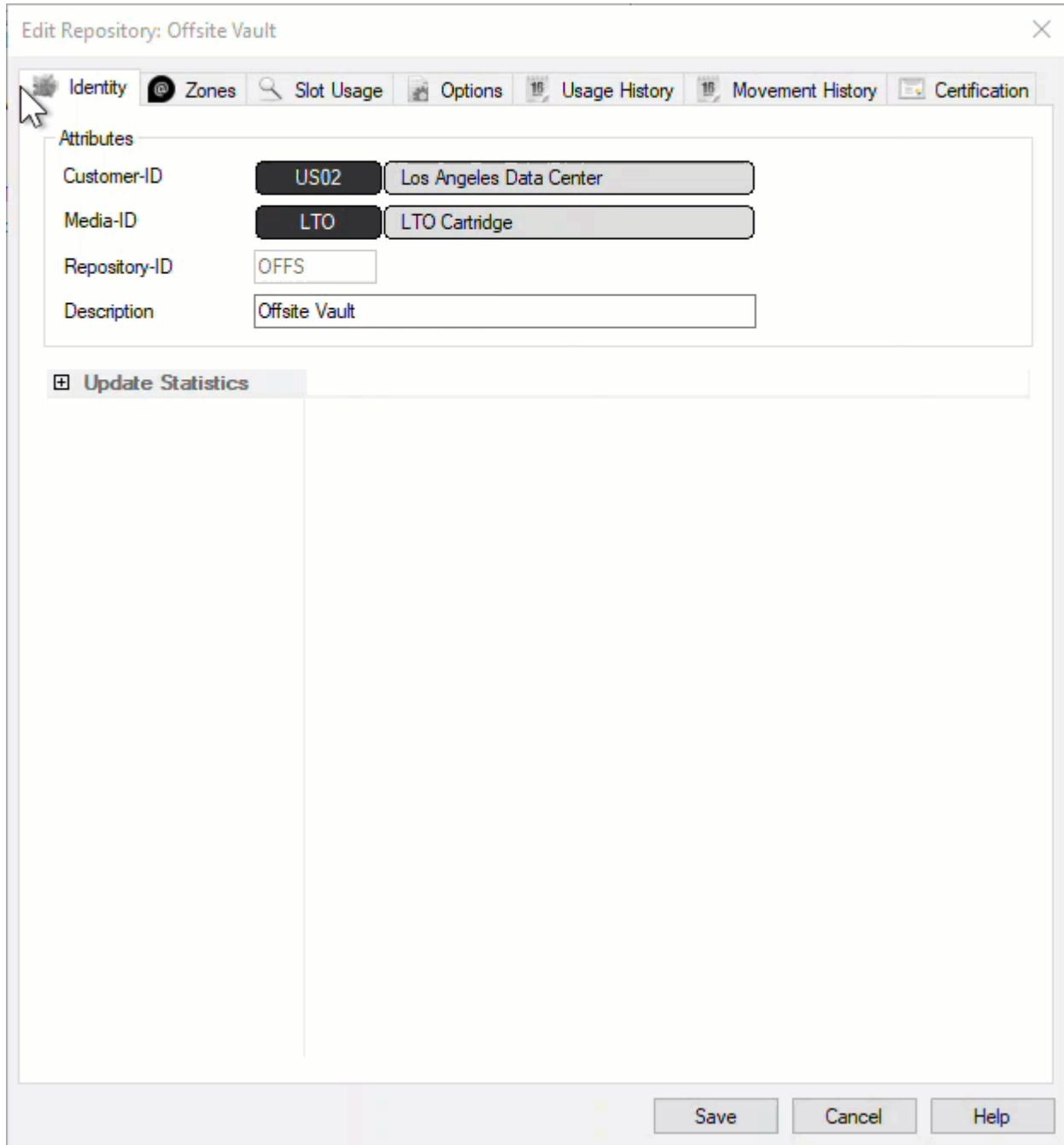
- Right click the required [Repository](#) and select [Properties](#), or double click the [Repository](#), and click on the [Options](#) tab.

The screenshot shows the TapeTrack TapeMaster™ (GazillaByte) software interface. The left sidebar displays a tree structure of customer sites: 'GazillaByte - Production' with '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' section for the 'Los Angeles Data Center' with the 'LTO Cartridge' tab selected. The 'Volumes' table lists 263 items, with the last item being '000021L6'. The columns include 'ID', 'Current Location', 'Target Location', 'Flags', 'Next Move', and 'Description'. Several rows have 'Description' entries like 'Friday Backup' and 'Monthly January'. The 'Repositories' section below shows icons for 'GemTrac', 'Library', and 'Offsite Vault'.

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	
000004L6	Red 1 [9.5]		CNO	Permanent	
000005L6	Red 1 [3.2]		CNO	Permanent	
000006L6	Red 1 [3.3]		CNO	Permanent	
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		CmN	Permanent	
000018L6	GemTrac		CmN	Permanent	
000019L6	GemTrac		CmN	Permanent	
000020L6	GemTrac		CmN	Permanent	
000021L6	GemTrac		Cn	Permanent	

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.

- Decrease the [slot allocation](#).



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



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



Permanent link:

https://rtfm.tapetrack.com/technote/adjusting_slot_allocation?rev=1638837754

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