

Adding and Maintaining a Zone

A **Zone** is a **TapeTrack Object** which represents a physical storage location.

Once created a **Zone** is then mapped to a **Repository** to keep track of where **Volumes** are allocated to a storage rack, shelf and slot number.

Adding a Zone

From the Main Menu, select Administration→Zone Administration.



From the Zone Tab, click in the Zone List Window, and then right-click to select Add from the Context Menu to open the New Zone window.

The Identity Tab

Identity tab the Zone properties:

- Properties
 - Zone Assignable ID for the Zone (1 to 10 alphanumeric characters).
 - Zone Description Description of the Zone (0 to 20 alphanumeric characters).
 - Customer filter (optional) Limits which [Customer-ID's](#) have access to the specific Zone when assigning Zones to a [Repository](#).
- Slots
 - Starting First Slot number for the Zone.
 - Ending Last Slot number for the Zone.
 - Slots/Level Number of Slots per level.

The screenshot shows a 'New Zone' dialog box with the 'Identity' tab selected. The form contains the following fields and values:

Properties	
Zone	
Description	
Customer Filter	
Active	True
Slots	
Starting	0
Ending	0
Slots/Level	0

At the bottom of the dialog, there are three buttons: 'Save', 'Cancel', and 'Help'.

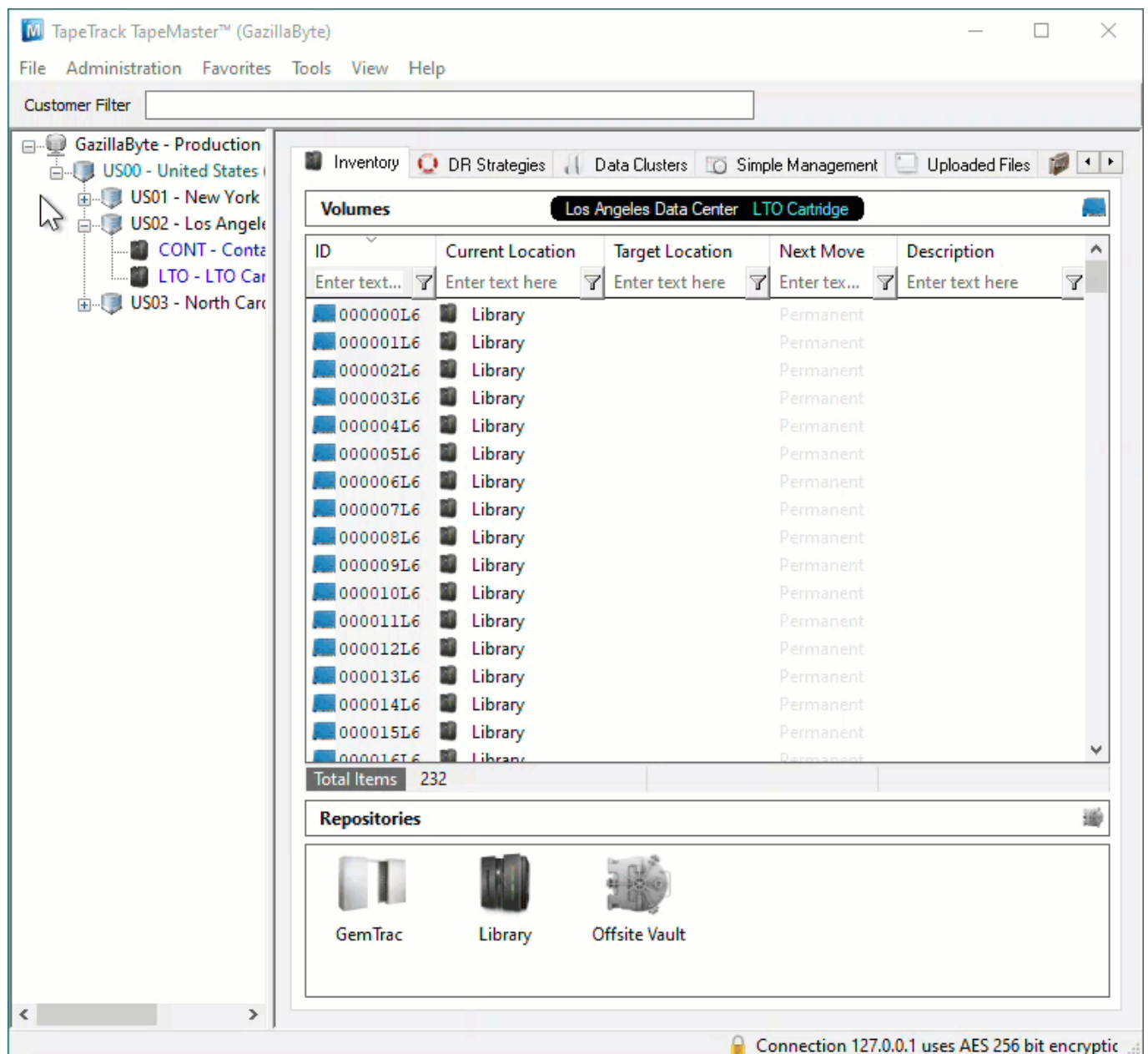
Once all values have been entered click Save to commit data.

Associated Instructions

Once created, Zones can be then be [mapped](#) to one or more [Repositories](#).

Maintaining a Zone

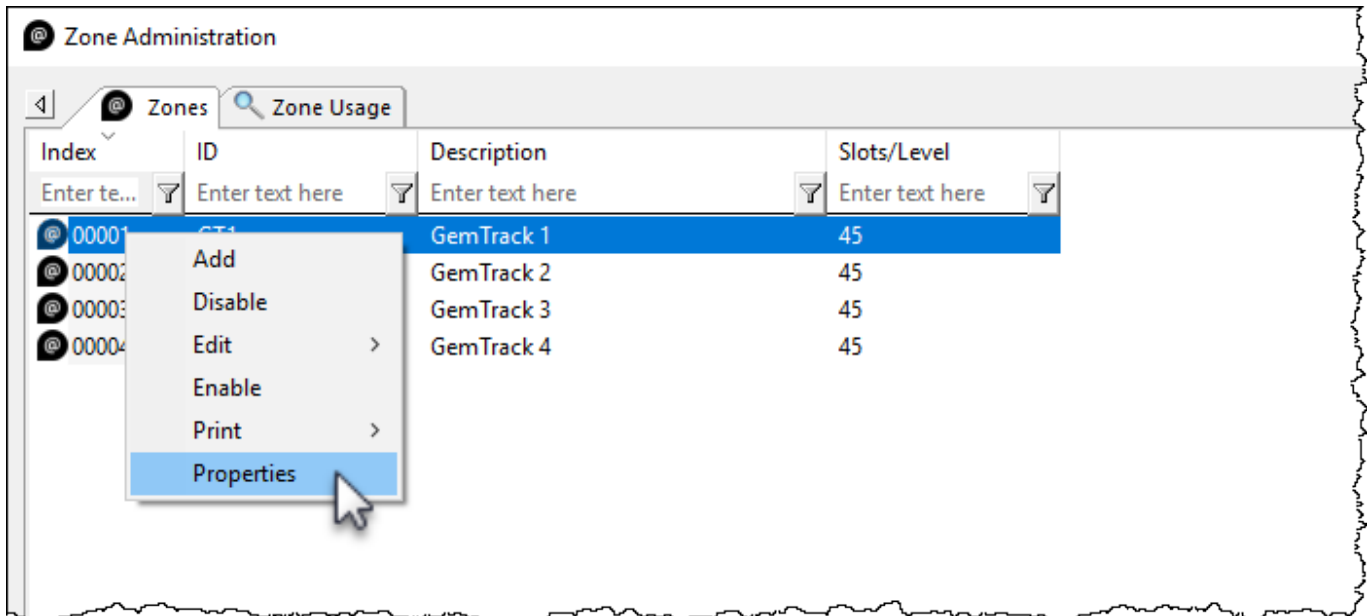
From the Main Menu, select Administration→Zone Administration.



The screenshot shows the TapeTrack TapeMaster™ (GazillaByte) interface. The main window displays the 'Zone Administration' view for the 'Los Angeles Data Center' LTO Cartridge. The interface includes a menu bar (File, Administration, Favorites, Tools, View, Help) and a 'Customer Filter' input field. On the left, a tree view shows the hierarchy: GazillaByte - Production > US00 - United States > US01 - New York > US02 - Los Angeles > LTO - LTO Cartridge. The main area shows a table of volumes with the following columns: ID, Current Location, Target Location, Next Move, and Description. The table contains 16 rows of data, all with 'Library' as the current location and 'Permanent' as the next move. Below the table, the 'Total Items' is 232. At the bottom, there are three repository icons: GemTrac, Library, and Offsite Vault. The status bar at the bottom indicates 'Connection 127.0.0.1 uses AES 256 bit encryption'.

ID	Current Location	Target Location	Next Move	Description
000000L6	Library		Permanent	
000001L6	Library		Permanent	
000002L6	Library		Permanent	
000003L6	Library		Permanent	
000004L6	Library		Permanent	
000005L6	Library		Permanent	
000006L6	Library		Permanent	
000007L6	Library		Permanent	
000008L6	Library		Permanent	
000009L6	Library		Permanent	
000010L6	Library		Permanent	
000011L6	Library		Permanent	
000012L6	Library		Permanent	
000013L6	Library		Permanent	
000014L6	Library		Permanent	
000015L6	Library		Permanent	
000016L6	Library		Permanent	

From the Zone Administration window right-click the required Zone and select Properties or double-click the Zone index Number.



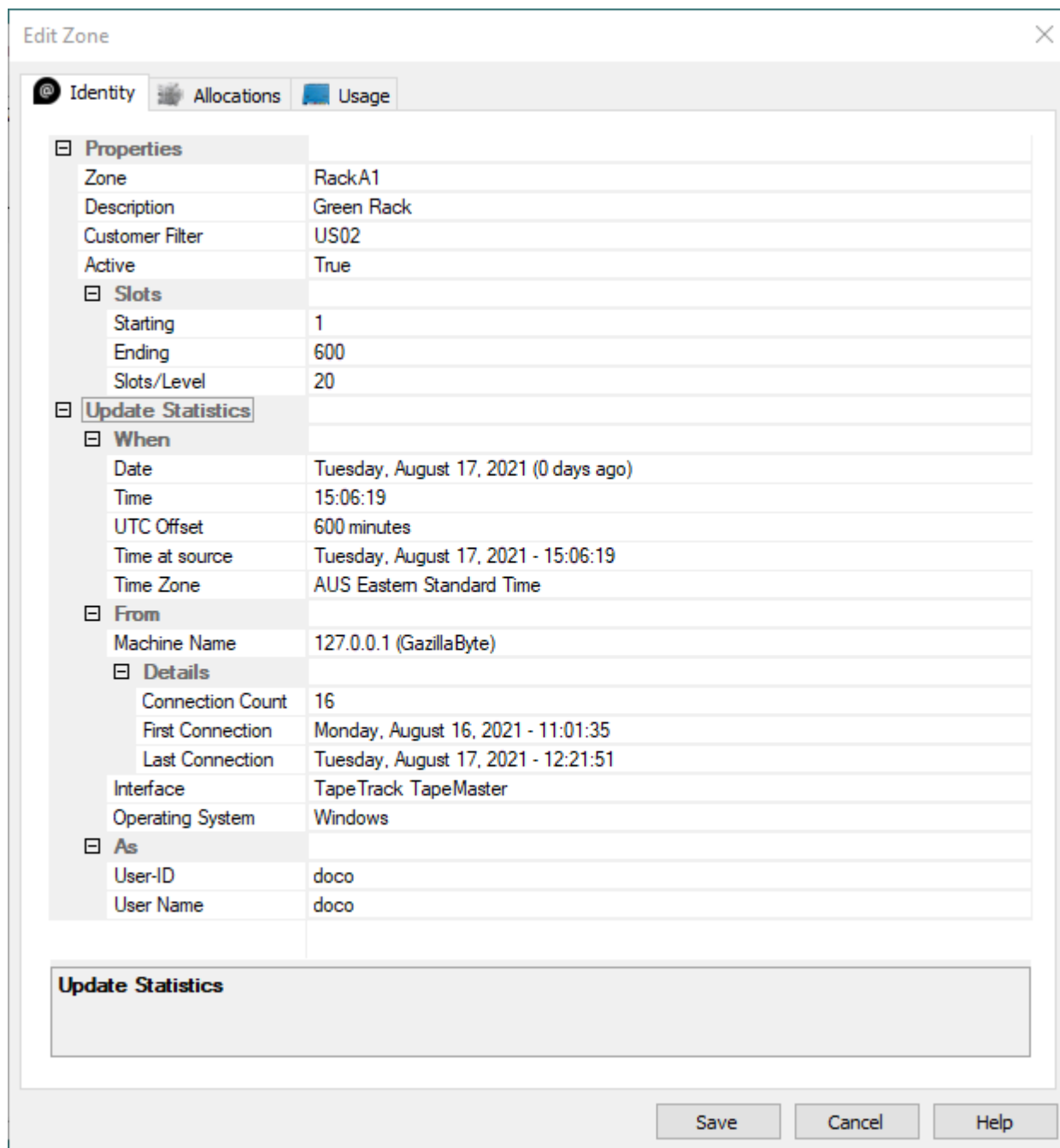
Identity

The Identity tab in the Edit Zone window:

- The Active check box allows you to enable or disable the Zone.
- Allows you to edit all fields except the Index Number.
 - Editing the ID and Description fields will not affect the allocation or usage of the Zones, it will only update the displayed names within TapeMaster.
 - Editing the capacity of the Zone is not recommended without first understanding how Zones and slot numbers are related. As Zones are mapped to a repository, the slot numbers are allocated sequentially. For example two cabinets with 100 volume capacity - the first cabinet will occupy slots 1 to 100, the second cabinet would occupy slots 101 to 200. If you increase the first cabinets capacity to 150, the second cabinet would now occupy slots 151 to 250. In this scenario a volume in slot 101 would be displayed as being in the second cabinet's first slot (it's physical location) but after the increase in capacity of the first cabinet it would be displayed in the first cabinet slot 101. This means any [Volumes](#) already slotted after slot 100 will now be shown in the wrong locations.
 - Editing the slots per level will affect the display in TapeMaster when viewing the slot allocation by **shelf:slot** and when using products like [CheckPoint](#) that direct the user to a slot via **zone:shelf:slot**.
 - Editing the **Customer** filter will expand, restrict or remove restrictions on which customers can view/use the Zone.
- Expanding the Update Statistics will display:
 - When
 - Date: Day, date and offset of Zone creation.
 - Time: Time of creation.
 - UTC Offset: UTC time offset of the connecting computer.
 - Time At Source: Local time at connecting computer.
 - Time Zone: Operating time zone of connecting computer.
 - From
 - Machine Name
 - Connection Count: Number of times computer has connected to server.
 - First Connection: First time computer connected to server.

- Last Connection: Last time computer connected to server.
- Interface: TapeTrack product used to connect to server.
- Operating System: Current operating system of connecting computer.
- As
 - User - ID: TapeTrack ID.
 - User Name: TapeTrack user name.

These fields are informational only and cannot be edited.



Allocations

Usage

The **Zone Usage** tab displays information about the current usage. This information includes:

- Status Status of esc Slot, Allocated, Unallocated
- Z-Slot Shelf and Slot number
- C- ID Customer ID of Volume that is Slotted
- Customer Customer Description of Volume that is Slotted
- M- ID Media-ID of Volume that is Slotted
- R- ID Repository of Volume that is Slotted
- R-Slot
- Volume- ID
- Seq

The screenshot shows the 'Edit Zone' window with three tabs: Identity, Allocations, and Usage. The Usage tab is active, displaying a table with the following data:

Status	Z-Slot	C-ID	Customer	M-ID	R-ID	R-Slot	Volume-ID	Seq.
Unallocated	1.1					0		
Unallocated	1.2					0		
Unallocated	1.3					0		
Unallocated	1.4					0		
Unallocated	1.5					0		
Unallocated	1.6					0		
Unallocated	1.7					0		
Unallocated	1.8					0		
Unallocated	1.9					0		
Unallocated	1.10					0		
Unallocated	1.11					0		
Unallocated	1.12					0		
Unallocated	1.13					0		
Unallocated	1.14					0		
Unallocated	1.15					0		
Unallocated	1.16					0		
Unallocated	1.17					0		
Unallocated	1.18					0		
Unallocated	1.19					0		
Unallocated	1.20					0		
Unallocated	2.1					0		
Unallocated	2.2					0		
Unallocated	2.3					0		
Unallocated	2.4					0		
Unallocated	2.5					0		
Unallocated	2.6					0		
Unallocated	2.7					0		
Unallocated	2.8					0		
Unallocated	2.9					0		

Total Items 600

Buttons: Save, Cancel, Help

From:

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

Permanent link:

https://rtfm.tapetrack.com/master/admin_zone?rev=1629178325

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