

# Reloading The Database

You may wish to reload the TapeTrack Database for the following reasons:

1. You have loaded a lot of randomly organized data and the database pages have become unbalanced.
2. You have deleted a lot of data and the database contains a lot of slack space.
3. You have lost the database log files or the database has become inconsistent with the database log files.
4. You upgraded your Server to the latest version and the large gap between versions requires update of database architecture.



In heavily fragmented TapeTrack databases reloading may reduce their size by a factor of one third.



Large databases may take 2 to 3 hours to completely reload.



Although the reload procedure takes a copy of each file before reloading, please ensure that you take a full backup before attempting the reload. In the event of a reload failure you should rename the `var/db` and `var/dblogs` directory and restore from a backup.

## Manual Reload Procedure

1. Notify your users that the TapeTrack System will be unavailable.
2. [Stop the TapeTrack Service](#).
3. [Backup the TapeTrack database files](#).
4. Open File Explorer and navigate to the TapeTrack Framework Server/`var/dblogs` directory
5. Delete all the log files in the `dblogs` folder
6. Navigate to the TapeTrack Framework Server/`var/db` directory
7. Delete the files `db.001`, `db.002`, `db.003` and `db.004`
8. Open a command prompt with **Administrator privileges**.
9. Change directory to the TapeTrack Database file TapeTrack Framework Server/`var/db` (you can use variable `TMSS10DB`).
10. Run the command `TMSS10Server -L` with the `-L` argument- `TMSS10Server -L`.
11. Check the output to ensure each of the steps ended with a zero return code.
12. [Start the TapeTrack Service](#).

Login to TapeMaster to make sure the database loaded correctly.

Open File Explorer and navigate to TapeTrack Framework Server/`var/db`, delete all (and only) files with a file type of `SAVE file` or `DUMP file` to clean up the backup files from the database reload.



If the TapeTrack Database was moved to another location after the initial install the TapeTrack database may not be in the location that is reflected in the variable **TMSS10DB**.

C:\>cd %TMSS10DB%

C:\Program Files\TapeTrack\TapeTrack Framework Server\var\db>TMSS10Server -L  
Reloading Database files  
Testing for existence of db\_dump  
Berkeley DB 5.3.28: (September 9, 2013)  
Testing for existence of db\_load  
Berkeley DB 5.3.28: (September 9, 2013)

System: TapeTrack  
Report Description: Reload Report  
Production Time: Tuesday, June 06, 2017 - 15:45:41 (Mountain Daylight Time)  
Report Width: 77 bytes

Database File	db_dump	rename	db_load
TMSS10.ip-connect	0	0	0
TMSS10.heartbeat	0	0	0
TMSS10.dictionary	0	0	0
TMSS10.dictionary-data	0	0	0
TMSS10.message	0	0	0
TMSS10.message-response	0	0	0
TMSS10.message-response-user	0	0	0
TMSS10.journal	0	0	0
TMSS10.journal-date	0	0	0
TMSS10.client	0	0	0
TMSS10.client-pool	0	0	0
TMSS10.options	0	0	0
TMSS10.emailspool	0	0	0
TMSS10.container	0	0	0
TMSS10.barcode	0	0	0
TMSS10.password	0	0	0
TMSS10.stock	0	0	0
TMSS10.stock-id	0	0	0
TMSS10.customer	0	0	0
TMSS10.customer-libraryhealth-totals	0	0	0
TMSS10.user	0	0	0
TMSS10.user-email	0	0	0
TMSS10.group	0	0	0
TMSS10.zone	0	0	0
TMSS10.favorite	0	0	0
TMSS10.notes	0	0	0
TMSS10.attributes	0	0	0
TMSS10.attributetype	0	0	0
TMSS10.attribute-history	0	0	0

TMSS10.file	0	0	0
TMSS10.file-data	0	0	0
TMSS10.file-generation	0	0	0
TMSS10.dr-strategy	0	0	0
TMSS10.dr-strategy-item	0	0	0
TMSS10.catalog	0	0	0
TMSS10.catalog-id	0	0	0
TMSS10.catalog-extent	0	0	0
TMSS10.catalog-extent-time	0	0	0
TMSS10.media	0	0	0
TMSS10.certificate	0	0	0
TMSS10.simplemanagement	0	0	0
TMSS10.consignment	0	0	0
TMSS10.datacluster	0	0	0
TMSS10.dataset	0	0	0
TMSS10.repository	0	0	0
TMSS10.repository-move-totals	0	0	0
TMSS10.media-totals	0	0	0
TMSS10.volume	0	0	0
TMSS10.volume-offsitetime	0	0	0
TMSS10.volume-synctime	0	0	0
TMSS10.volume-container	0	0	0
TMSS10.volume-dup-global	0	0	0
TMSS10.volume-dup-customer	0	0	0
TMSS10.volume-cmserial	0	0	0
TMSS10.volume-status	0	0	0
TMSS10.volume-customer	0	0	0
TMSS10.volume-media	0	0	0
TMSS10.volume-relaxed	0	0	0
TMSS10.volume-repository	0	0	0
TMSS10.volume-repository-incoming	0	0	0
TMSS10.volume-repository-slot	0	0	0
TMSS10.volume-repository-scratch	0	0	0
TMSS10.usage	0	0	0
TMSS10.usage-drive	0	0	0
TMSS10.volume-container-tag	0	0	0
TMSS10.history	0	0	0
TMSS10.history-archive	0	0	0

C:\Program Files\TapeTrack\TapeTrack Framework Server\var\db>

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Permanent link:  
<https://rtfm.tapetrack.com/server/reload?rev=1654566162>

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