

# Data Extraction From Source

Data is extracted from your backup software and saved into a Sync source file. The Sync source file is then read into the synchronization process using a definition file to translate the information to TapeTrack formatting.

## Extracting Information

The source file information extract will vary depending on your backup software.

## Data Extraction From Netbackup Vault

Using the administrative tool `vmquery`, the Volume data can be extracted into a text file.

To get a report that is suitable for the TapeTrack Sync command, the following minimum arguments should be used:

```
vmquery -W -a > Report.txt
```

The text file is then converted to a CSV file to properly format the data, along with the dates, to allow correct loading into the Sync, using the command line program `TMSS10SingleSpace`.

```
TMSS10SingleSpace -d "," -g "??/??/???? ??:??" < Report.txt > Report.csv
```

Full definition and implementation example for extraction of data and synchronization with Netbackup is at [NetBackup Sync Cookbook](#)

## Data Extraction From Networker

Using the administrative tool `mminfo`, the Volume data needs to be extracted from the Networker save sets and exported into CSV file format.

To get a report that is suitable for the TapeTrack Sync command, the following minimum arguments should be used:

```
mminfo -xc, -a -r "volume,barcode,family,type,location,pool" > report.csv
```

## Data Extraction From TSM

Using the Tivoli Storage Manager administrative tool `dsmadm`, the Volume data needs to be extracted from both the DRM and Volume tables and exported into csv file format.

To get a report that is suitable for the TapeTrack Sync command, the following minimum arguments should be used:

### From the DRM table:

From the DRM table, select the fields:

- `volume_name`: Used to determine the [Volume-ID](#) in TapeTrack.
- `state`: Used to determine the location the [Volume](#) should be.
- `stgpool_name`: Used to set the [Volume Description](#).

```
dsmadm -dataonly=yes -id=userid -pa=password -  
tcpserveraddress=tsm01.gazillabyte.local \  
-displaymode=table -outfile=TSM-DRM.csv -commadelimited "select  
volume_name,state,stgpool_name from drmedia"
```

### From the Volume table:

From the [Volume](#) table, select the fields:

- `volume_name`: Used to determine the [Volume-ID](#) in TapeTrack
- `location`: Used to determine the location the [Volume](#) is.
- `stgpool_name`: Used to set the [Volume Description](#).

```
dsmadm -dataonly=yes -id=userid -pa=password -  
tcpserveraddress=tsm01.gazillabyte.local \  
-displaymode=table -outfile=TSM-VOL.csv -commadelimited "select  
volume_name,location,stgpool_name from volumes"
```

## Data Extraction For VEEAM

VEEAM differs from other backup software in that a direct ODBC connection is made using the definition file rather than extracting the data to file and then using a definition file to read it.

Sample code placed at the beginning of the definition to connect to sample database `veeam2`.

```
# Connect to Veeam database
SetODBC("DSN=veeam2");
# Extract data
SetSQL("SELECT [barcode],[media_pool_id],[last_write_time] FROM
[VeeamBackup].[dbo].[Tape.tape_mediums]");
```

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

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