

# 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 Data Protector

The `omnirpt` command is available on systems with the Data Protector User Interface component installed

Use the `omnirpt` command to extract data to a text file using:

Output from `omnirpt`, while tab delimited, can produce offset columns depending on string lengths. To ensure the column offsets are consistent the output is passed through `TMSS10CSV2Fixed` producing a fixed length text file.

Further details on the conversion process can be viewed at [Data Protector Cookbook](#)

## 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
```

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

## 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"
```

Full definition and implementation example for extraction of data and synchronization with TSM is at [Tivoli Storage Manager Sync Cookbook](#)

## 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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