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# **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 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 dsmadmc, 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.

```
dsmadmc -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"
```

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### 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.

```
dsmadmc -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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