

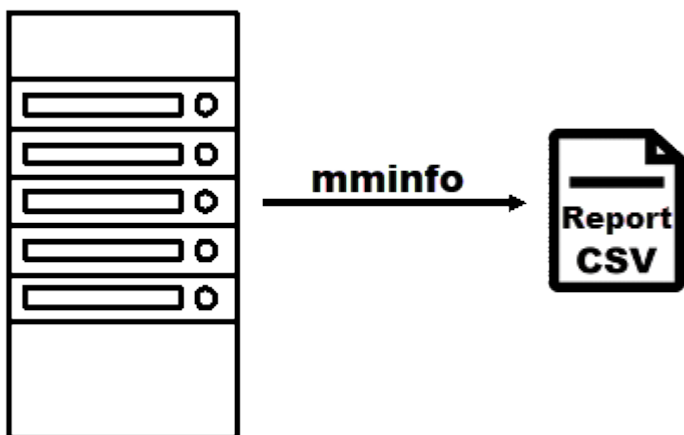
# NetWorker Sync Cookbook

**NetWorker** is a Dell EMC backup solution and is available for Linux, Windows, macOS, NetWare, OpenVMS and Unix.

## Data Extraction From Networker

The first step in Synchronizing your Networker Library with TapeTrack is to extract the Volume data from your Networker instance.

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



## The mminfo command

The `mminfo` command reports information about NetWorker media and save sets.

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
```

## Example mminfo output

### Output With Suffix

```
volume,barcode,family,type,location,pool  
000000L6,000000L6,tape,LT0,Offsite,weekly_full
```

```
000001L6,000001L6,tape,LTO,Offsite,weekly_full  
000002L6,000002L6,tape,LTO,Offsite,weekly_full  
000003L6,000003L6,tape,LTO,Offsite,weekly_full  
000004L6,000004L6,tape,LTO,Offsite,weekly_full  
000005L6,000005L6,tape,LTO,Offsite,weekly_full  
000006L6,000006L6,tape,LTO,Offsite,weekly_full  
000007L6,000007L6,tape,LTO,Offsite,weekly_full
```

### Output Without Suffix

```
volume,barcode,family,type,location,pool  
000000,000000,tape,LTO,Offsite,weekly_full  
000001,000001,tape,LTO,Offsite,weekly_full  
000002,000002,tape,LTO,Offsite,weekly_full  
000003,000003,tape,LTO,Offsite,weekly_full  
000004,000004,tape,LTO,Offsite,weekly_full  
000005,000005,tape,LTO,Offsite,weekly_full  
000006,000006,tape,LTO,Offsite,weekly_full  
000007,000007,tape,LTO,Offsite,weekly_full
```

### Post-processing



You will need to install the [TapeTrack Sync software](#) to complete these instructions.

### Barcodes

It possible for NetWorker barcodes to be missing the LTO L-Suffix.

It is always recommended that where possible volumes are loaded into TapeTrack with their L-Suffix, and this suffix can be established by:

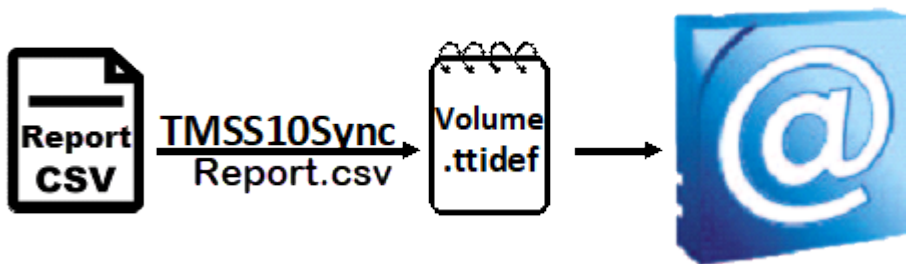
1. The Media-ID value if it includes the suffix.
2. Adding an appropriate suffix to the Media-ID based upon the value of the Media Type field.
3. Adding an appropriate suffix based upon the range of the Media-ID.
4. Using TapeTrack's Constructive Barcode feature.

### Synchronization

Synchronization with TapeTrack is performed by calling the [TMSS10Sync](#) command-line program, along with:

1. The CSV file produced by pre-processing the mminfo output.

2. Command-line arguments that instruct the program how to process volumes.
3. A synchronization definition file that instructs the program how to interpret the mminfo output.



## Example Command Line Arguments

```
TMSS10Sync -d Volume.ttidef -a -S user:-password@server < report.csv
```

Where:

- -d is the path to the Synchronization Definition File.
- -a tells the program to add new tape volumes if they are encountered.
- -S tells the program what [Server](#) to connect to.
- report.csv is the mminfo output file.

## Example Synchronization Definition

```
#  
# Set the Customer and Media as literal values as they never change  
#  
SetLiteral(CUSTOMER, "ACME");  
SetLiteral(MEDIA, "LTO");  
#  
# Set the delimiter to a CSV  
#  
SetCSVDelimiter(",")  
#  
# Skip any line that begins with string volume (header)  
AddString(EXCLUSION, 0, "volume*");  
#  
# Set the Description to the Pool Name  
#  
Extract(DESCRIPTION, 6, 20, 0);  
RemoveSpaces(DESCRIPTION);  
#  
# Get the Volume-ID from the report  
Extract(VOLUME, 1, 8, 0);
```

```
#  
# Get the Repository from a translated location  
Extract(REPOSITORY, 5, 20, 0);  
RemoveSpaces(REPOSITORY);  
#  
# Send any volume from the pool **offsite** to OFFS repository, all others  
to LIBR  
AddTranslation(REPOSITORY, "Offsite*", "OFFS");  
AddTranslation(REPOSITORY, *, "LIBR");
```

[cookbook](#)

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