

# NetWorker Sync Cookbook

[NetWorker](#) is a Dell EMC backup solution and is available for Linux, Windows, macOS, NetWare, OpenVMS and Unix.

## 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

```
volume,barcode,family,type,location,pool
000000L6,000000L6,tape,LTO,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
```

## 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 be 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 NetWorker.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");
```

From:

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

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Last update: **2025/01/21 22:07**

