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# **Commvault**

Commvault software is an enterprise-level data platform that contains modules to back up, restore, archive, replicate, and search data.

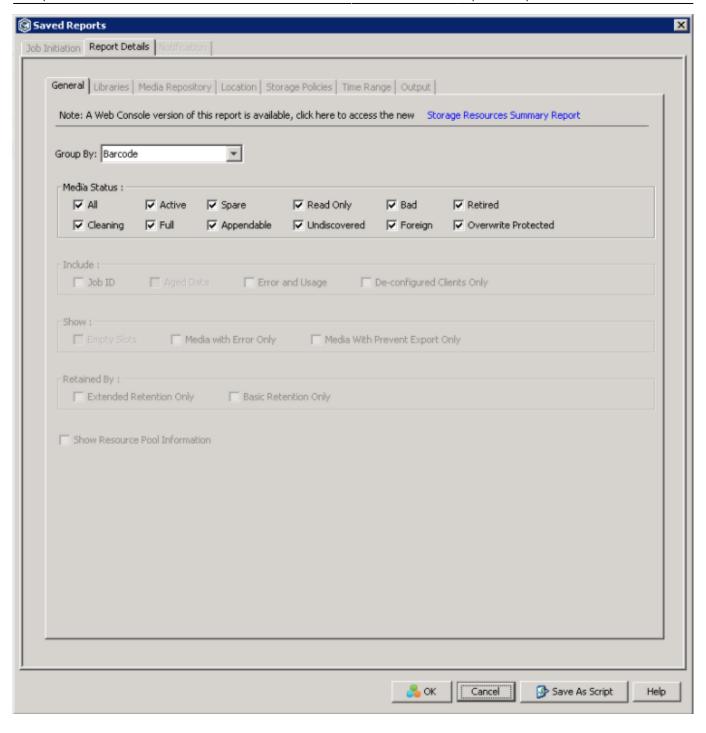
# **Storage Information Report**

The Storage Information Report is created via the Commvault GUI and output to CSV format, accessible from the reports tab.

Report Details - General tab.

Group Volumes by barcode, include all media statuses.

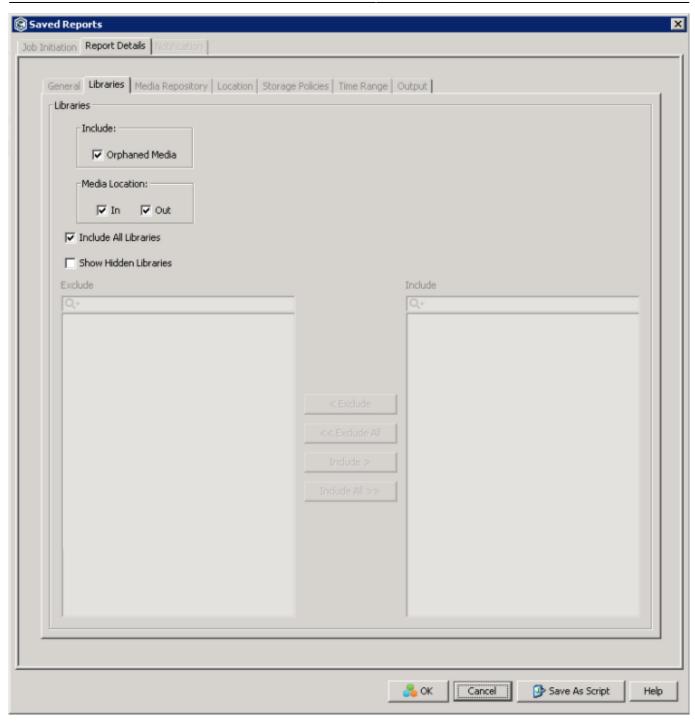
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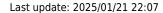
Report Details - Libraries tab.

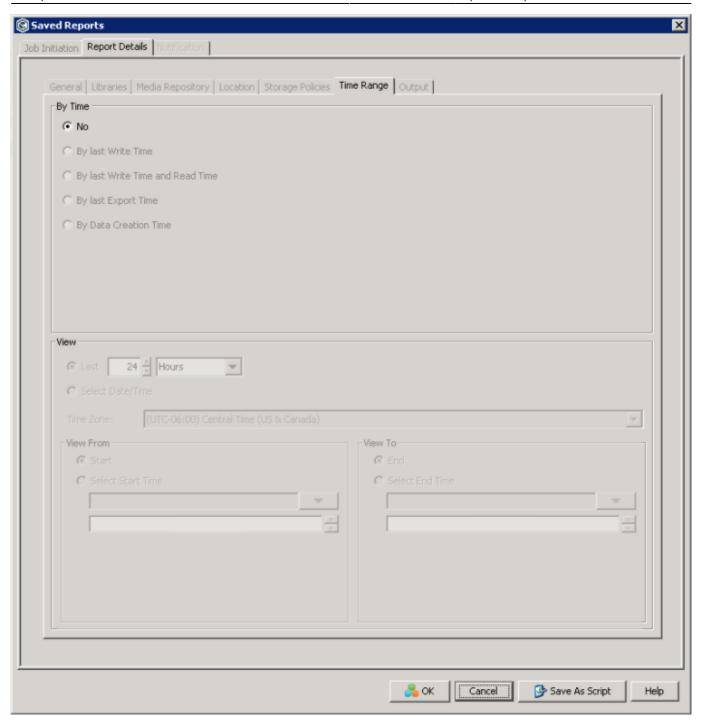
Include orphaned media, both in and out of all libraries.

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Report Details - Time Range tab.

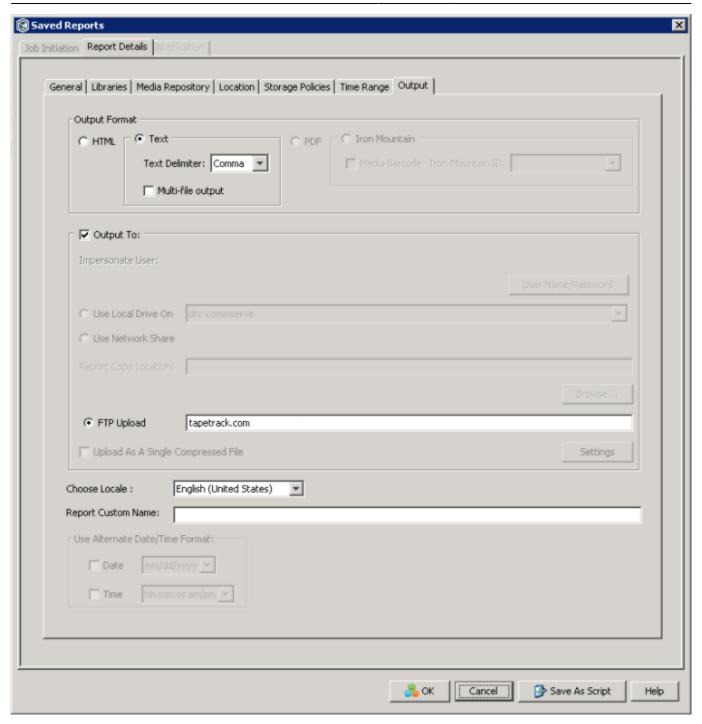




Report Details - Output tab.

FTP address is only an example, you will need to add your correct FTP address.

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#### **Example Storage Information Report**

```
Storage Information Report

Report generated on 05/06/2014 14:08:02

CommCell ID: F4720

CommCell: cmback01

-- Report Criteria --
#Group By:Bar Code
#Media Status:All
#Media Location:In, Out
#Include: None
```

```
#Show Media With Error Only: No
#Show Media With Prevent Export Only: No
#Show Media Retained by Extended Retention Only: No
#Show Media Retained by Basic Retention Only: No
#Include De-configured Clients Only: No
#Libraries:All
#Media Repository:None
#Location:All
#Storage Policy (Copy):All
#Locale: English
#Use None
Summary
Total, Active/Ready, Full/Offline, Appendable, Idle/Spare, Read-
Only, Bad, Cleaning, Retired, Foreign, Saved, Undiscovered, Other,
3014,45,1435,971,416,0,41,7,45,0,54,0,0,
Bar Code, Media Type, Description, Library, Storage Policy [Copy], Media
Group, Retain Data Until, Location, Container, Prevent Export, Exportable
Time, Last Export Time, Side, Status, Last Read, Last Write, Total Data (MB),
000001L3(R), ULTRIUM V3, N/A, DELL TL-2000 : Swords (LTO-5), SP : Archived :
Swords CSO-DB1_Full - 2006 [Weekly Aux Copy (CSO-DB2)], N/A, Infinite, Not
Available, N/A, No, N/A, 11/22/2014 12:30:42,1, [Appendable]: F, 08/25/2008
02:22:34,12/29/2007 10:16:07,125640,(Details about Full/Appendable media)
JobId: 106244 Date: Wed Mar 05 02:12:50 2008,
000001L5, ULTRIUM Cleaning Tape, N/A, DELL TL-2001 : Swords
(LTO-5), N/A, Cleaning Media, N/A, slot
3,N/A,No,N/A,N/A,1,Cleaning,N/A,03/15/2014 10:42:15,Number of
Used/Left:1/48,
```

## **Synchronization**



You will need to install the TapeTrack Sync software to complete these instructions.

Synchronization with TapeTrack is performed by calling the TMSS10Sync command line program, along with:

- 1. The Storage Information CSV report.
- 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 Storage Information CSV output.

## **Example Command Line Arguments**

```
TMSS10Sync -d default.ttidef -a -S batch:-password@server <
```

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#### commvaultreport.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.
- commvaultreport.csv is the Commvault output.

### **Example Synchronization Definition**

```
#
# Set delimiter
SetCSVDelimiter(",");
# Set Customer-ID
SetLiteral(CUSTOMER, "1002");
# Set Media-ID
SetLiteral(MEDIA, "LTO");
# Extract values
Extract(VOLUME, 1, 6, 0);
Extract(DESCRIPTION, 5, 50, 0);
Extract(EXPIRYDATE, 7, 10, 0);
Extract(WRITETIME, 13, 20, 0);
Extract(MOVEDATE, 7, 10, 0);
# Add L5 suffix to barcode value
AddTranslation(VOLUME, "*", "*L5");
# Declare date formats
SetExpiryDateFormat("%m/%d/%Y");
SetMoveDateFormat("%m/%d/%Y");
SetWriteTimeFormat("%%m/%%d/%%Y %%H:%%M:%%S");
# Set start of data
AddString(START, 0, "A1*");
# Exclude any line that starts with a space
AddString(EXCLUSION, 0, " *");
# Set end of data
AddString(END, 0, "Notes:*");
```

cookbook

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