

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.

The screenshot shows the 'Saved Reports' dialog box with the 'Report Details' tab selected. The 'General' sub-tab is active, displaying various configuration options for the Storage Information Report. The 'Group By' dropdown is set to 'Barcode'. The 'Media Status' section has checkboxes for All, Active, Spare, Read Only, Bad, Retired, Cleaning, Full, Appendable, Undiscovered, Foreign, and Overwrite Protected, all of which are checked. The 'Include' section has checkboxes for Job ID, Aged Data, Error and Usage, and De-configured Clients Only, all of which are unchecked. The 'Show' section has checkboxes for Empty Slots, Media with Error Only, and Media With Prevent Export Only, all of which are unchecked. The 'Retained By' section has checkboxes for Extended Retention Only and Basic Retention Only, both of which are unchecked. The 'Show Resource Pool Information' checkbox is also unchecked. At the bottom, there are buttons for OK, Cancel, Save As Script, and Help.

Saved Reports

Job Initiation | **Report Details** | Notification

General | Libraries | Media Repository | Location | Storage Policies | Time Range | Output

Note: A Web Console version of this report is available, click here to access the new [Storage Resources Summary Report](#)

Group By: Barcode

Media Status :

☒ All ☒ Active ☒ Spare ☒ Read Only ☒ Bad ☒ Retired

☒ Cleaning ☒ Full ☒ Appendable ☒ Undiscovered ☒ Foreign ☒ Overwrite Protected

Include :

☐ Job ID ☐ Aged Data ☐ Error and Usage ☐ De-configured Clients Only

Show :

☐ Empty Slots ☐ Media with Error Only ☐ Media With Prevent Export Only

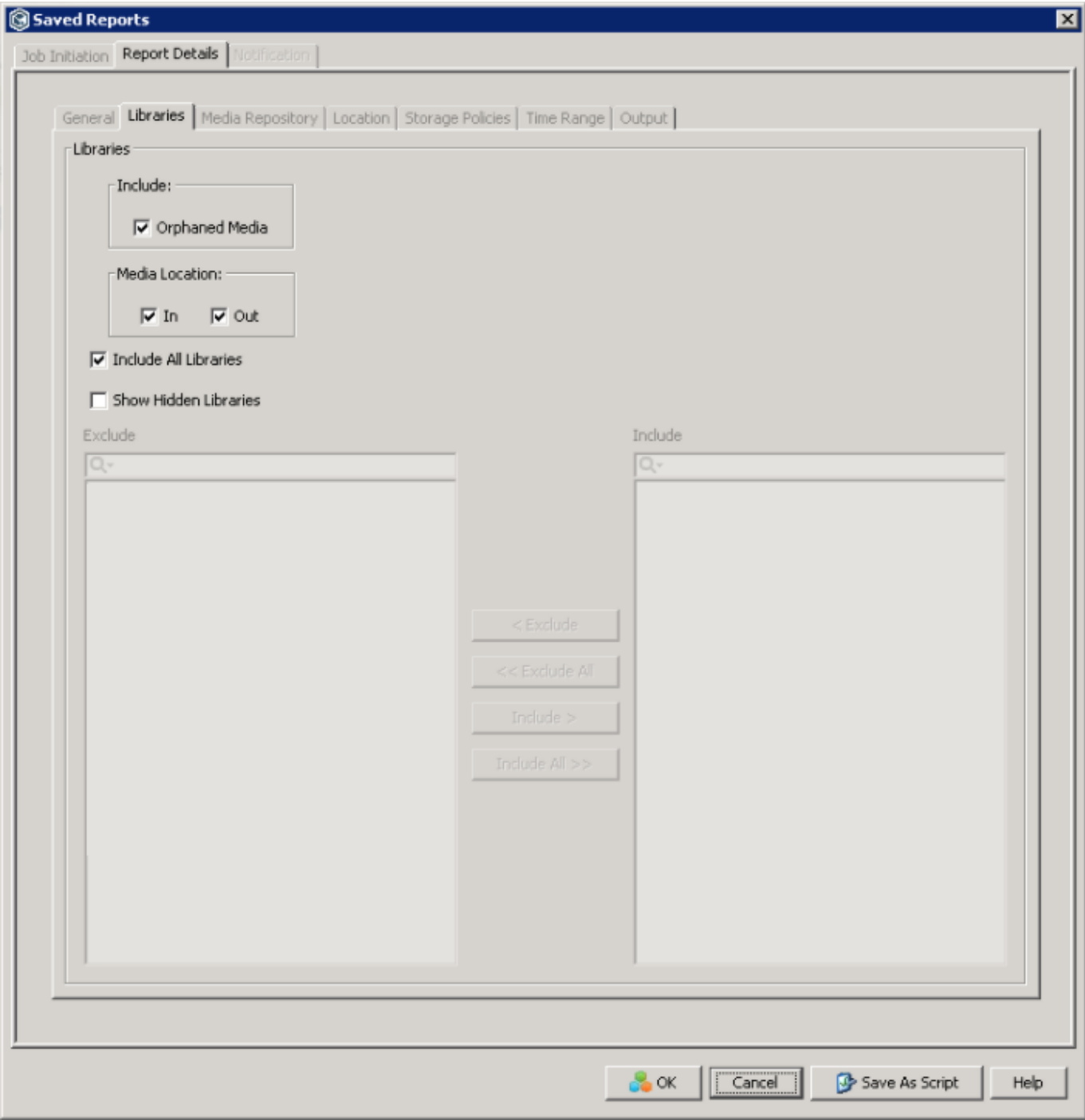
Retained By :

☐ Extended Retention Only ☐ Basic Retention Only

☐ Show Resource Pool Information

OK Cancel Save As Script Help

Report Details - Libraries tab.



Report Details - Time Range tab.

Saved Reports

Job Initiation | **Report Details** | Notification

General | Libraries | Media Repository | Location | Storage Policies | **Time Range** | Output

By Time

☒ No

☐ By last Write Time

☐ By last Write Time and Read Time

☐ By last Export Time

☐ By Data Creation Time

View

☒ Last: 24 Hours

☐ Select Date/Time

Time Zone: (UTC-06:00) Central Time (US & Canada)

View From

☒ Start

☐ Select Start Time

View To

☒ End

☐ Select End Time

OK Cancel Save As Script Help

Report Details - Output tab.

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

Saved Reports

Job Initiation | **Report Details** | Notification

General | Libraries | Media Repository | Location | Storage Policies | Time Range | **Output**

Output Format

☐ HTML ☒ Text ☐ PDF ☐ Iron Mountain

Text Delimiter: **Comma**

☐ Multi-file output

☐ Media Barcode Iron-Mountain ID:

☒ **Output To:**

Impersonate User:

☐ Use Local Drive On:

☐ Use Network Share

Report Copy Location:

☒ **FTP Upload**

☐ Upload As A Single Compressed File

Choose Locale: **English (United States)**

Report Custom Name:

Use Alternate Date/Time Format:

☐ Date

☐ Time

OK Cancel Save As Script Help

Example Storage Information Report

<sxh> 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,
</sxh>

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

```
<sxh plain;> TMSS10Sync -d default.ttidef -a -S batch:-password@server < commvaultreport.csv
</sxh>
```

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

```
<sxh> # # 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:");
```

```
</sxh>
```

[cookbook](#)

From:

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

Permanent link:

<https://docs.tapetrack.com/cookbook/commvault?rev=1613532014>

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