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What's New Guide

Secure Copy 6.0



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What's New for Version 6.0

Secure Copy Solution Summary

ScriptLogic's **Secure Copy™** is a powerful, comprehensive migration solution that automates the copying of data between file servers without the use of agents or scripts. Whether you're migrating from one server to another, consolidating file servers or moving to a NAS/SAN solution, you can easily copy files and folders, NTFS permissions, file shares, local users and groups and compression settings. With a multi-threaded high-speed architecture, migration projects are simplified and the time it takes to complete the project is dramatically shortened.

Release Summary

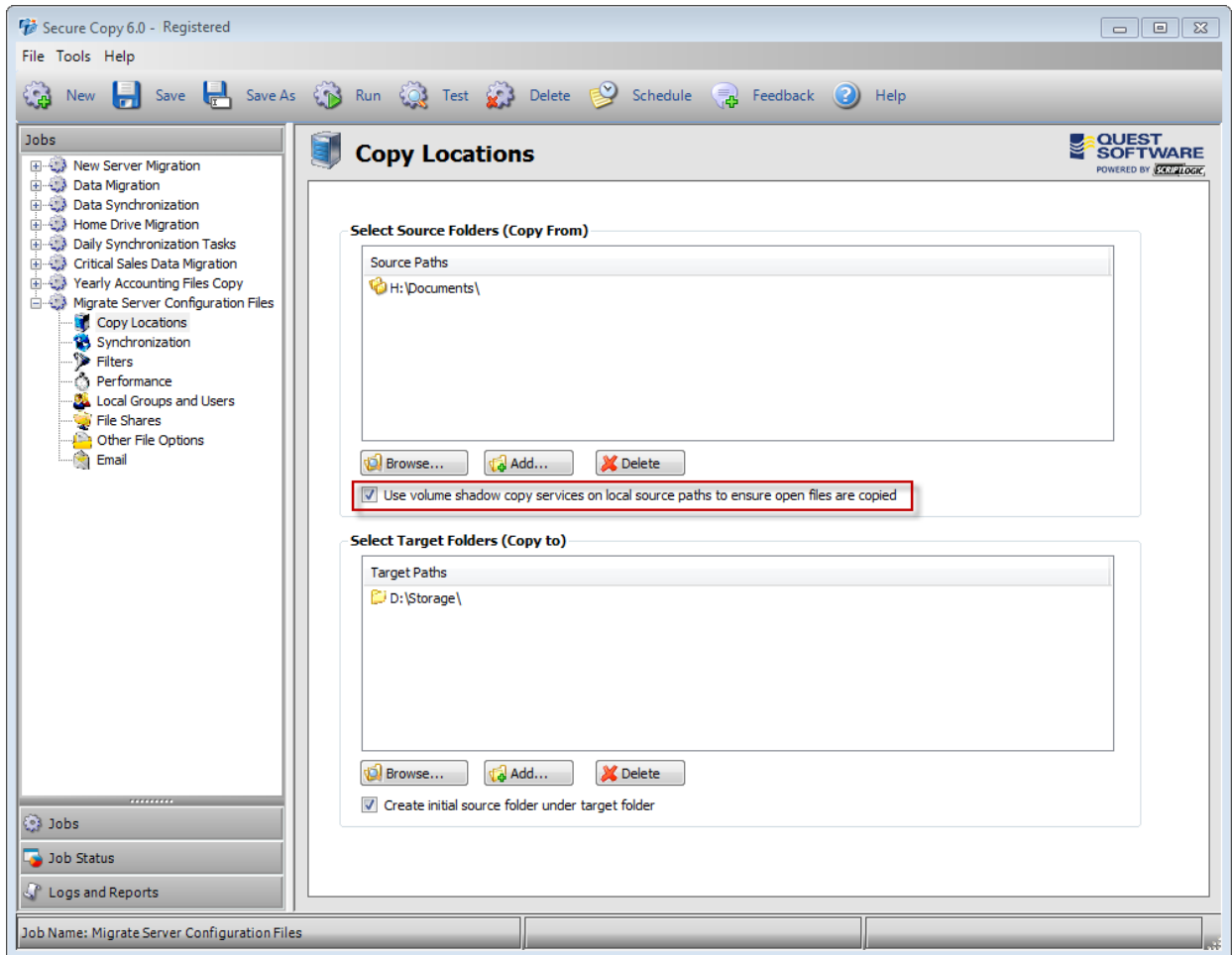
Secure Copy 6.0 adds a number of new and enhanced features that improve copy performance, logging, reporting, and job management. There are improvements to the look and feel of the UI allowing for better usability and an improved user experience. The major enhancements for this release include support for configuring bandwidth throttling, support for migrating open files using Microsoft's Volume Shadow Copy Service, and new predefined reports which give improved post migration analysis by utilizing the already detail rich logging functionality introduced previously in version 5.5.

Enhanced Platform Support

Secure Copy is now available in native 64-bit and 32-bit versions.

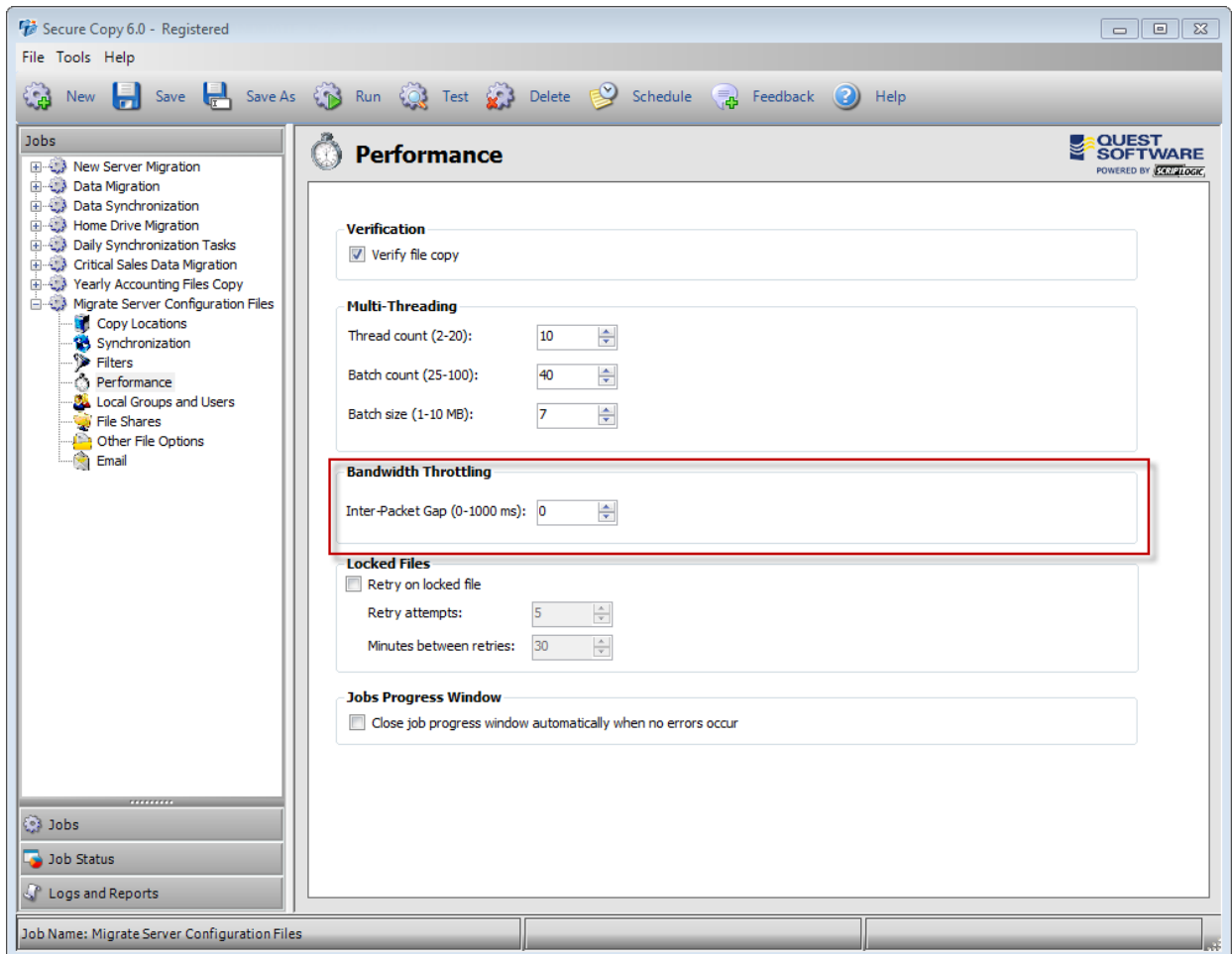
Volume Shadow Copy Service Support

Volume Shadow Copy Service support has been implemented under the Copy Locations options. This enhancement is designed to ensure opened files are migrated intact and helps to assist in job performance. Utilizing Volume Shadow Copy services allows for non-disruptive migrations, meaning that applications which utilize files on a migration source volume can now remain online during data movement without significant performance delays or incomplete data transfers.



Bandwidth Throttling

Secure Copy now has the ability to control the amount of data traffic that can potentially cause performance delays to critical systems, by throttling the amount of data that is transferred across the network. Data migration projects can now be scheduled to run at any time while minimizing the impact to network performance. Rather than delay the purchase or deployment of new storage technology because of limited migration windows, IT organizations can now perform migrations at any time by throttling down bandwidth usage during standard business hours.



New Logs and Reports – “Dashboard” View

The new Dashboard View provides an “at a glance” view of the logging details for a copy job. The dashboard view provides a concise summary of the job settings and results, along with other pertinent job information such as overall job speed and more granular information regarding file types, sizes and counts.

Logs and Reports QUEST SOFTWARE
POWERED BY SCRIPTLOGIC

Repository: C:\Program Files\ScriptLogic Corporation\Secure Copy 6\Logs\ Select...

Dashboard | Summary | Logs Viewer | Reports

Summary

Job Name: Copy Job
 Job Start Time: 9/9/2011 3:13:53 PM
 Source Paths: H:\Documents\
 Target Paths: D:\Documents\
 Total processing time: 00:00:27
 Number of errors: 11
 Average file size: 5.40 MB
 Shares migrated: 0
 Groups migrated: 0
 Users migrated: 0
 Map file used: None

Job Speed

10.59
MB / s

File Types

File Type	Copied Count	Copied Size	Skipped Count	Skipped Size	Purged Count
<All>	170	286.02 MB	11	23.76 MB	
pdf	86	164.78 MB	7	2.67 MB	
exe	16	23.95 MB	0	0 bytes	
one	15	2.38 MB	0	0 bytes	
zip	10	16.56 MB	2	21.01 MB	
doc	7	304.50 KB	2	86.50 KB	
db	6	335.00 KB	0	0 bytes	
bxt	5	1.25 KB	0	0 bytes	
docx	4	3.39 MB	0	0 bytes	
entv	2	1.80 MB	0	0 bytes	

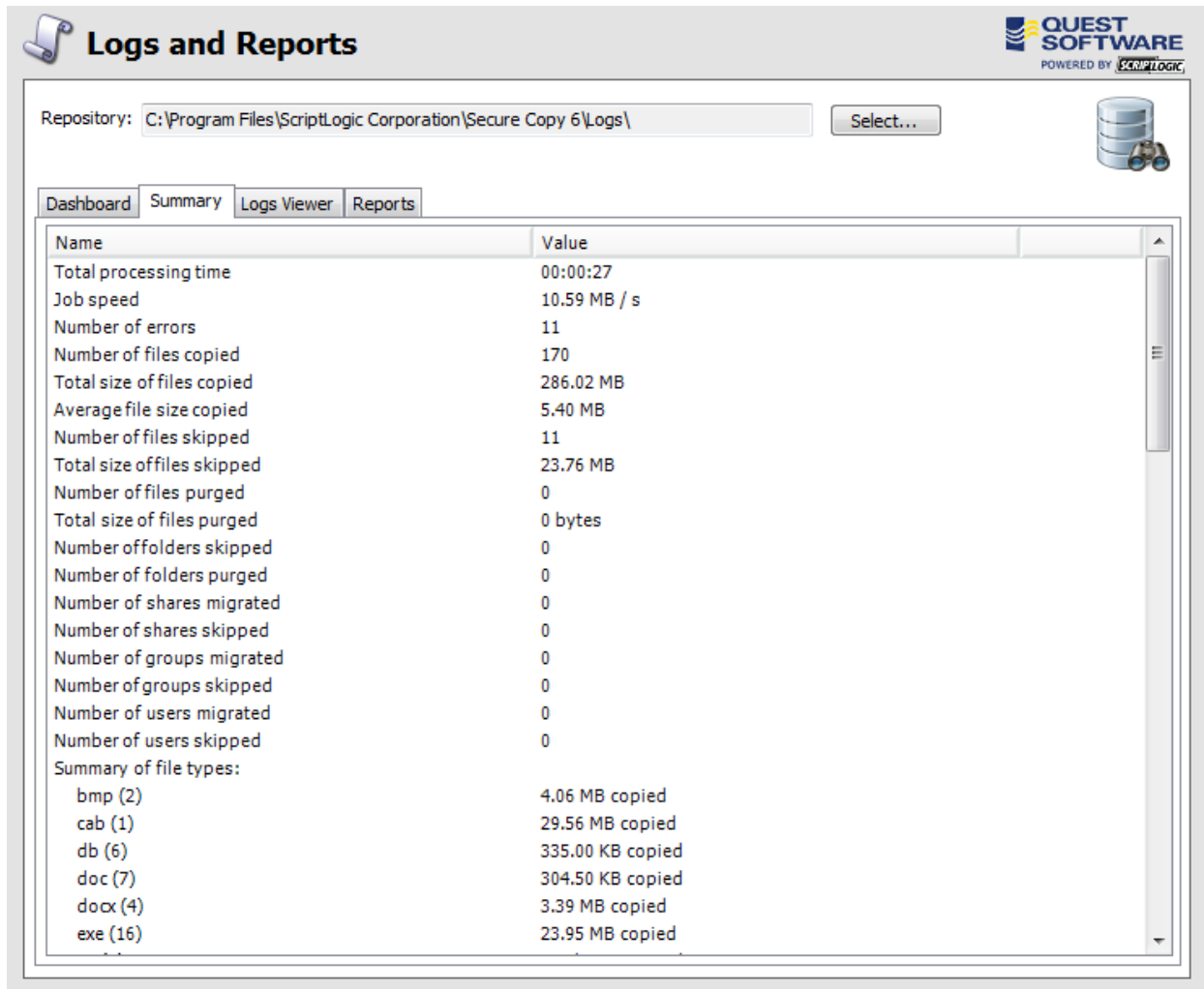
Total Data Processed

All files

Files By Count
 Files By Size

New Logs and Reports – “Summary” View

The improved *Logs Summary View* provides more granular details on the job settings and job results compared to what is available on the Dashboard View. The information displayed in the Summary View can also be exported or printed through a new standard report available in the Reports View.



The screenshot displays the 'Logs and Reports' interface. At the top right, it says 'QUEST SOFTWARE POWERED BY SCRIPTLOGIC'. Below the title bar, there is a 'Repository:' field with the path 'C:\Program Files\ScriptLogic Corporation\Secure Copy 6\Logs\' and a 'Select...' button. A database icon is also present. The main area has four tabs: 'Dashboard', 'Summary' (selected), 'Logs Viewer', and 'Reports'. A table with two columns, 'Name' and 'Value', lists various job statistics. A 'Summary of file types' section is also included.

Name	Value
Total processing time	00:00:27
Job speed	10.59 MB / s
Number of errors	11
Number of files copied	170
Total size of files copied	286.02 MB
Average file size copied	5.40 MB
Number of files skipped	11
Total size of files skipped	23.76 MB
Number of files purged	0
Total size of files purged	0 bytes
Number of folders skipped	0
Number of folders purged	0
Number of shares migrated	0
Number of shares skipped	0
Number of groups migrated	0
Number of groups skipped	0
Number of users migrated	0
Number of users skipped	0
Summary of file types:	
bmp (2)	4.06 MB copied
cab (1)	29.56 MB copied
db (6)	335.00 KB copied
doc (7)	304.50 KB copied
docx (4)	3.39 MB copied
exe (16)	23.95 MB copied

New Logs and Reports – “Reports” View

Secure Copy now includes pre-defined, formatted reports that can be exported into multiple formats such as PDF, XLS, or HTML - or emailed directly to a recipient. These new reports provide summary information on a migration job including skipped and purged files, local user and group migration details, errors and file verification details.

The screenshot displays the 'Logs and Reports' section of the Secure Copy 6.0 interface. At the top right, the Quest Software logo is visible, along with the text 'POWERED BY SCRIPTLOGIC'. Below the logo, a repository path is shown in a text box: 'C:\Program Files\ScriptLogic Corporation\Secure Copy 6\Logs\' with a 'Select...' button to its right. A database icon is also present. Below the repository path, there are navigation tabs: 'Dashboard', 'Summary', 'Logs Viewer', and 'Reports'. The 'Reports' tab is currently selected. The main content area is titled 'Predefined Reports' and contains ten report options, each with a document icon, a link, and a description:

- [Summary Report](#): Shows summary information
- [Errors Report](#): Shows the list of errors, sortable by Message or Source
- [Skipped Files Report](#): Shows the list of skipped files, sortable by Message or Source
- [File Verification Report](#): Shows any discrepancies between the source and target CRC32 checksum values based on the Verify File Copy option
- [Purged Files and Folders Report](#): Shows the list of purged Files and Folders, sortable by Message or Source
- [License Information Report](#): Shows the licensed server list
- [Local Groups and Users Report](#): Shows the list of migrated Local Groups and Users
- [Console's Server List Report](#): Shows the list of server licenses used by this console
- [Verbose Report](#): Shows the Logs Viewer tab content as a report

At the bottom left of the report list, there is a 'Sorting By' section with two radio buttons: 'Message' (which is selected) and 'Source'.

Example of a predefined Job Summary Report.

Secure Copy Job Report

Report Type: Summary Report
Job Name: Default
Job Start Time: 8/30/2011 10:42:03 AM

Source Paths: H:\Documents\@Education\
Target Paths: F:\@Documents\@Education\
Total processing time: 00:00:55
Job speed: 57.99 KB / s
Number of errors: 7
Average file size: 304.45 KB
Shares migrated: 0
Groups migrated: 0
Users migrated: 0
Map file used: C:\Program Files\ScriptLogic Corporation\Secure Copy 6\Logs\Default_05_05_2011_09_31_58_SCY_Log.sd
Files copied: 17 (3.11 MB)
Files skipped: 7 (59.38 MB)
Files purged: 0 (0 bytes)

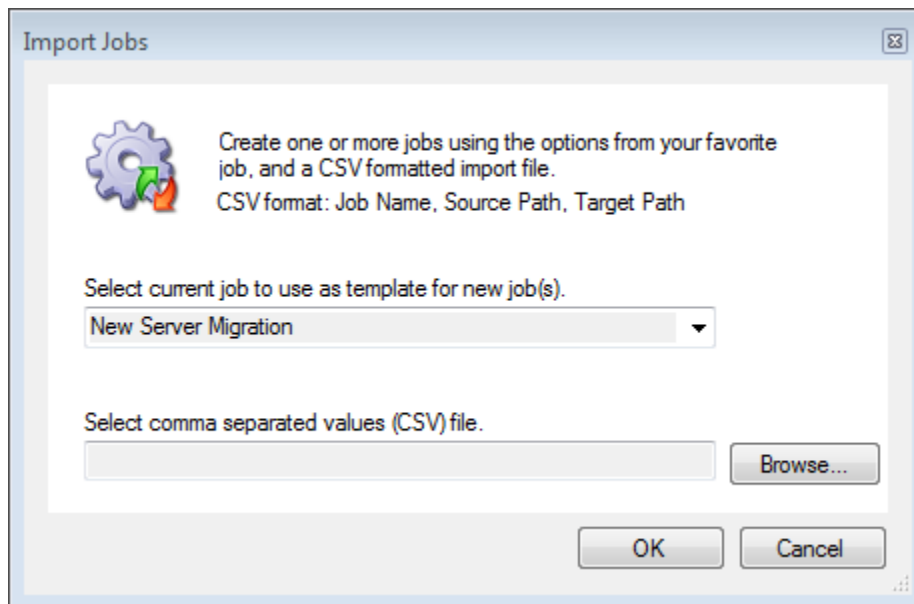
File types:

doc	1 (39.00 KB) copied, 0 (0 bytes) skipped, 0 (0 bytes) purged
exe	5 (2.40 MB) copied, 3 (8.71 MB) skipped, 0 (0 bytes) purged
one	3 (340.68 KB) copied, 0 (0 bytes) skipped, 0 (0 bytes) purged
oneto2	1 (8.38 KB) copied, 0 (0 bytes) skipped, 0 (0 bytes) purged
pdf	4 (281.38 KB) copied, 2 (49.87 MB) skipped, 0 (0 bytes) purged
pptx	0 (0 bytes) copied, 1 (254.21 KB) skipped, 0 (0 bytes) purged
txt	2 (203 bytes) copied, 0 (0 bytes) skipped, 0 (0 bytes) purged
xps	1 (66.41 KB) copied, 0 (0 bytes) skipped, 0 (0 bytes) purged
zip	0 (0 bytes) copied, 1 (560.07 KB) skipped, 0 (0 bytes) purged

Page 1 of 1 | Zoom Factor: 100%

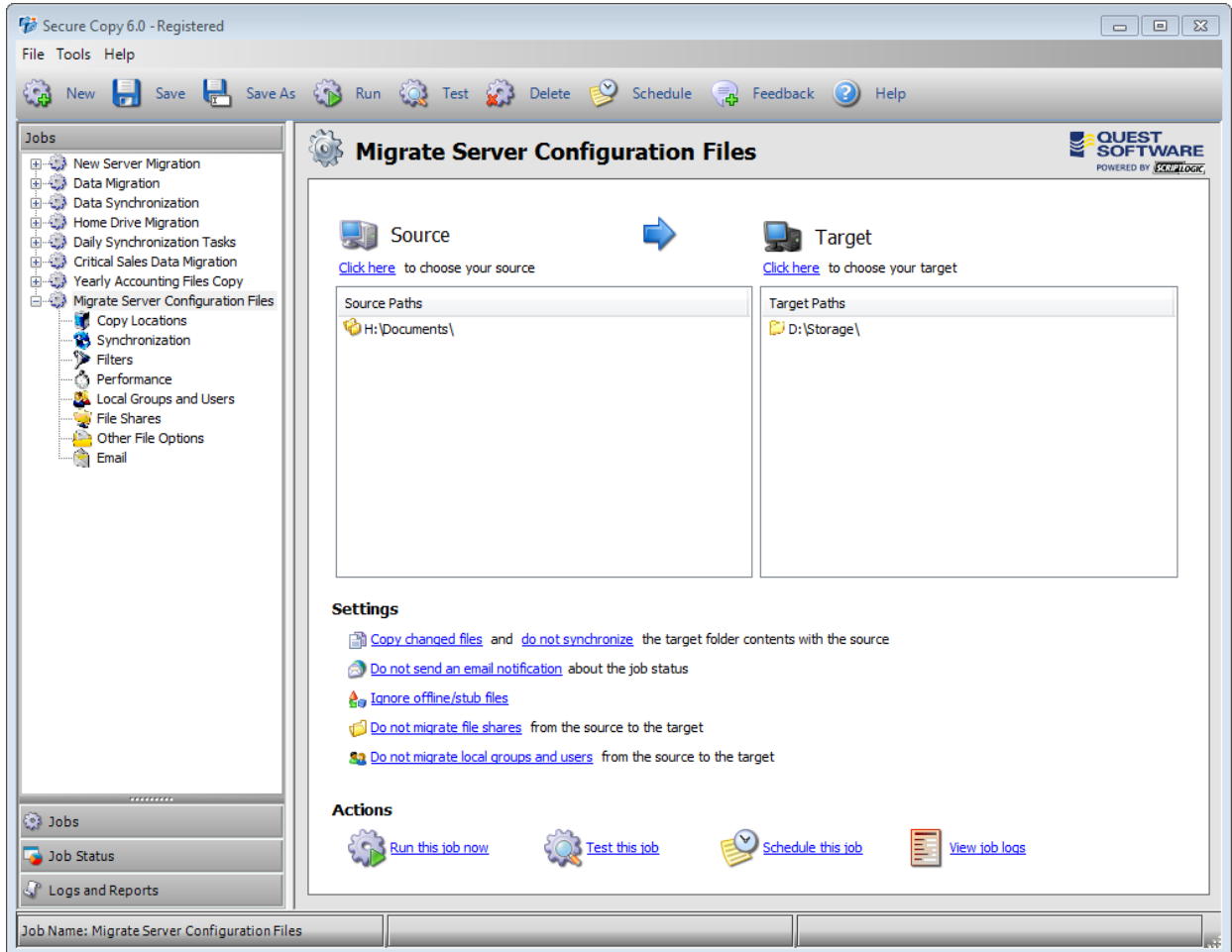
New Import Jobs Feature

Secure Copy 6.0 adds a new feature that allows for creating multiple distinct copy jobs automatically using the settings from an existing job. With this feature, you can pre-configure a single job in the console with your standard settings (synchronization settings, filters, performance options, file share migration options, etc.). You can then create a CSV file that simply includes three values: Job Name, Source Path, and Target Path. Secure Copy can then import the CSV file to create multiple jobs and each job will have the same configuration settings as your “template job”. This feature will significantly reduce the time and manual effort required when configuring multiple jobs within the console.



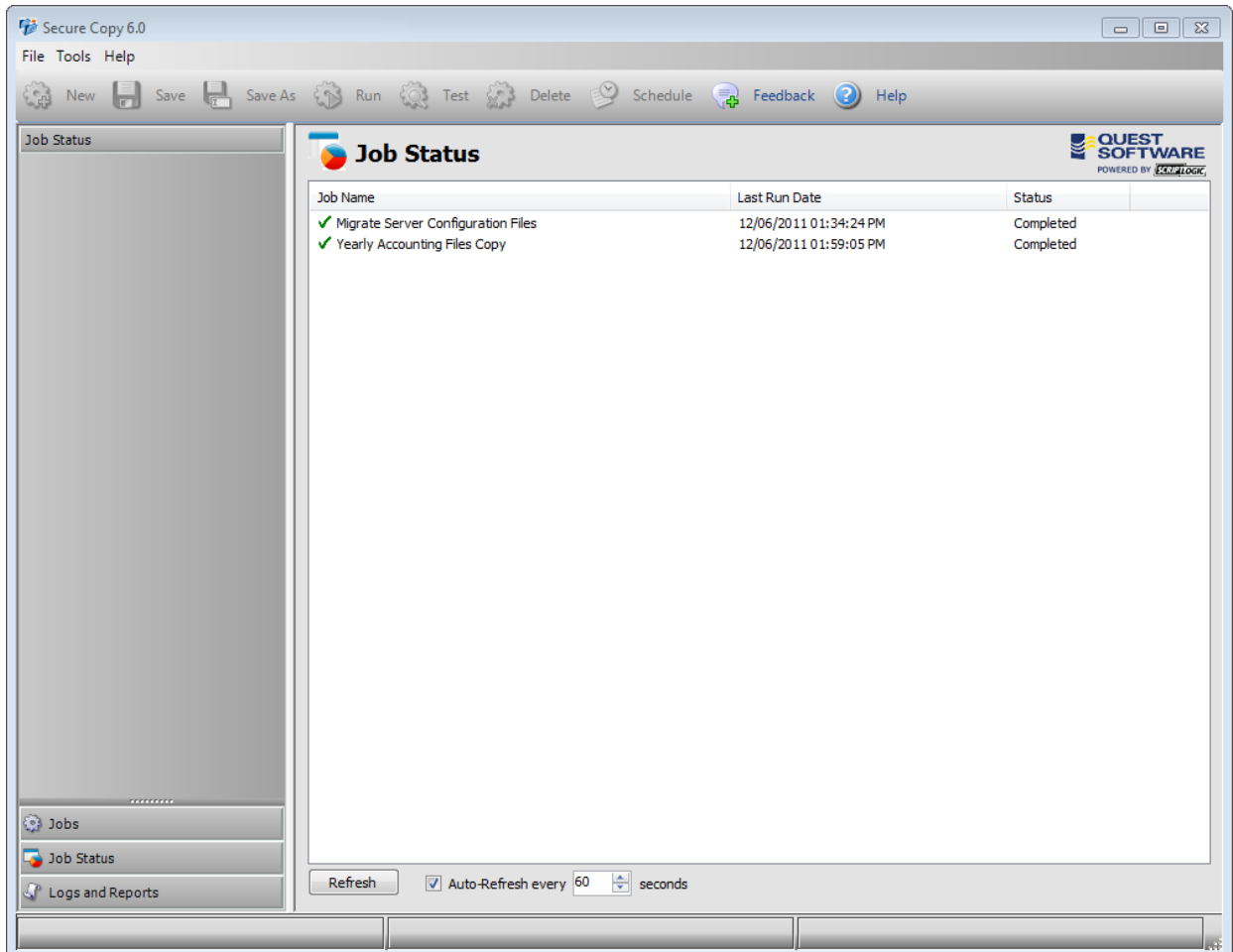
Redesigned UI

Secure Copy 6.0 adds new functionality to allow the console to be resized and maximized. The Console can now optionally remember resize position and last selected screen.



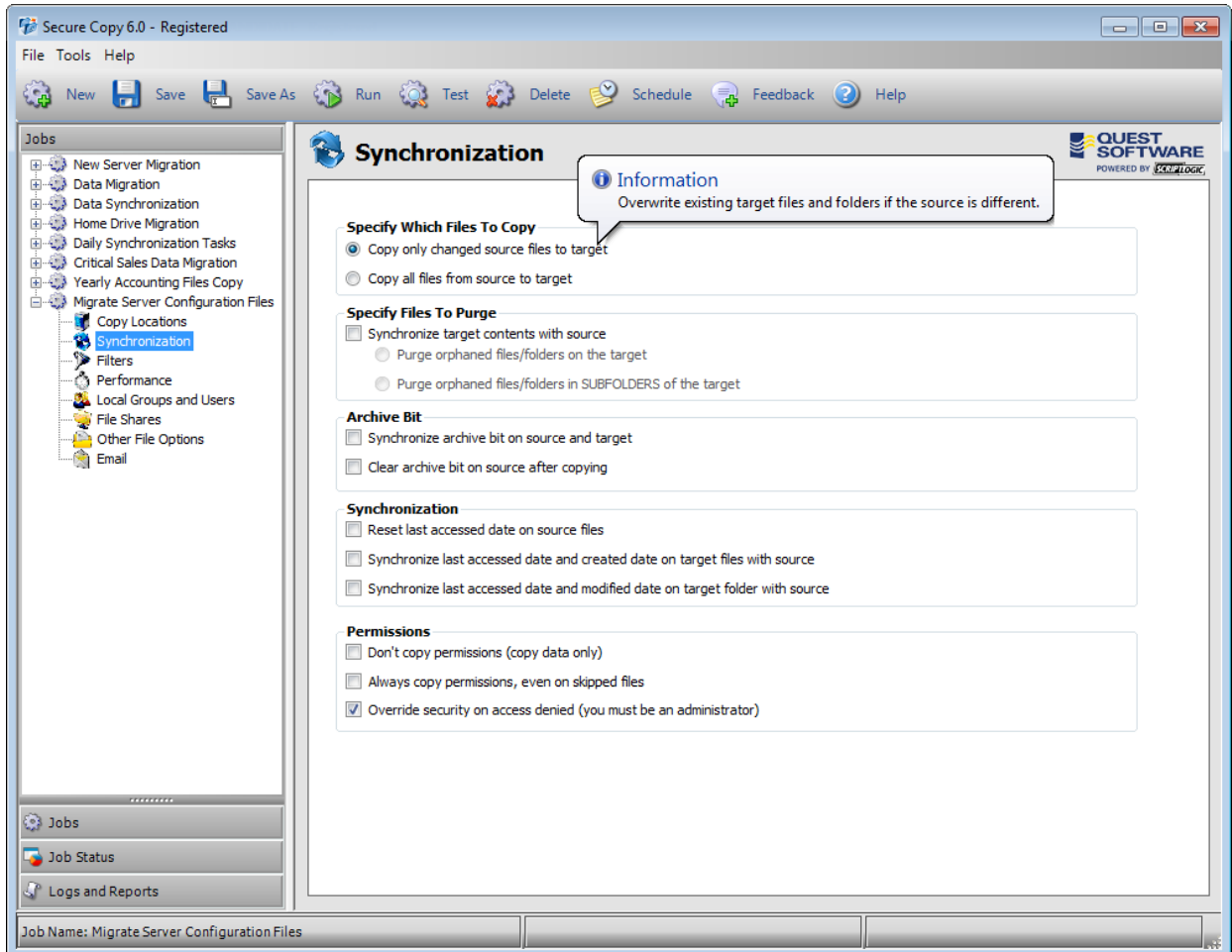
Redesigned Copy Job Status

The Copy Statistics view pane has been renamed to Job Status. Now you can easily get an overview of all your Copy Job's Last Run Dates as well as their current status (i.e. "Running", "Completed", or "Cancelled"), which can be refreshed manually or automatically.



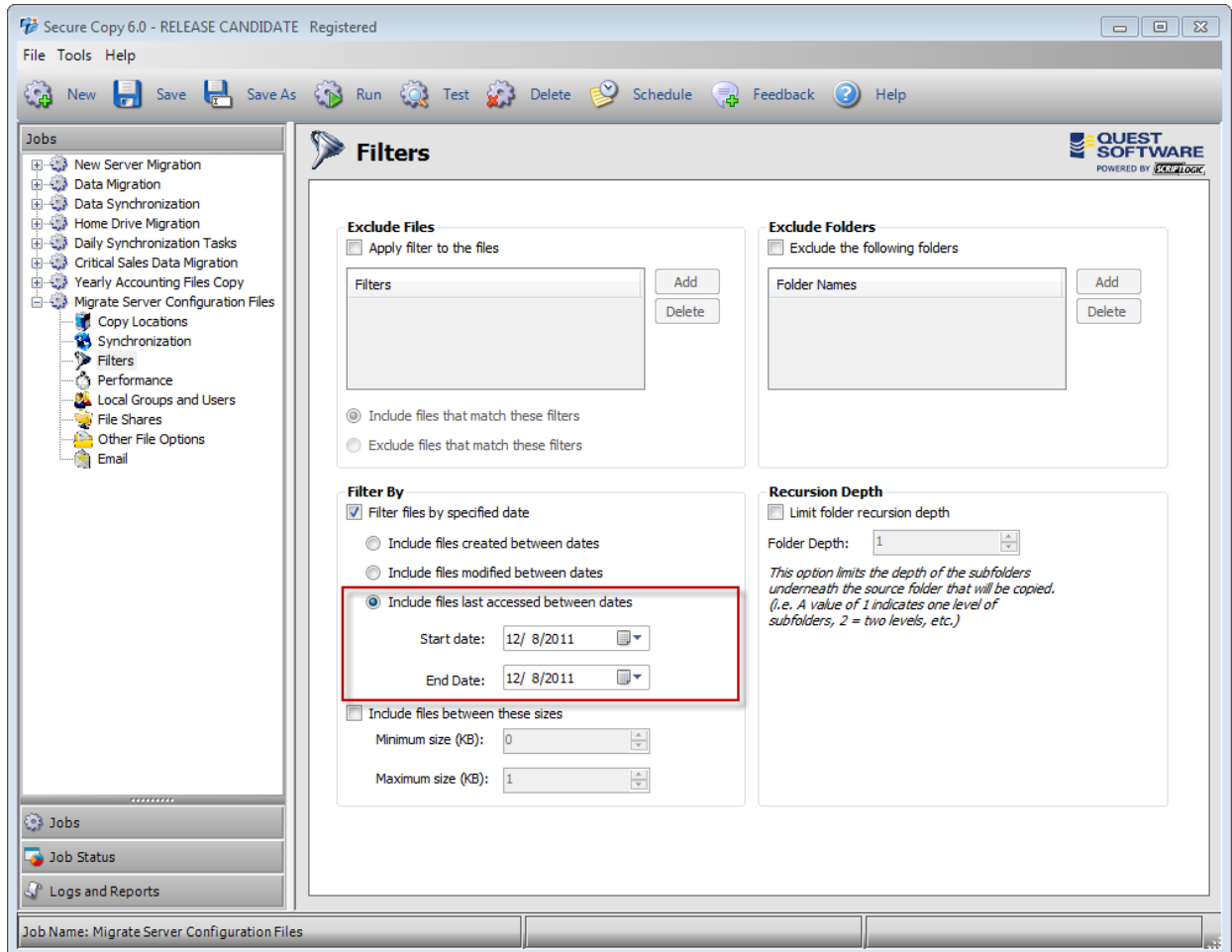
Redesigned Job Option Categories

The Job Option Categories in Secure Copy has been renamed and reorganized to better explain the options available in within each category. All options now display tooltips when hovered over that provide additional detail on the highlighted item.



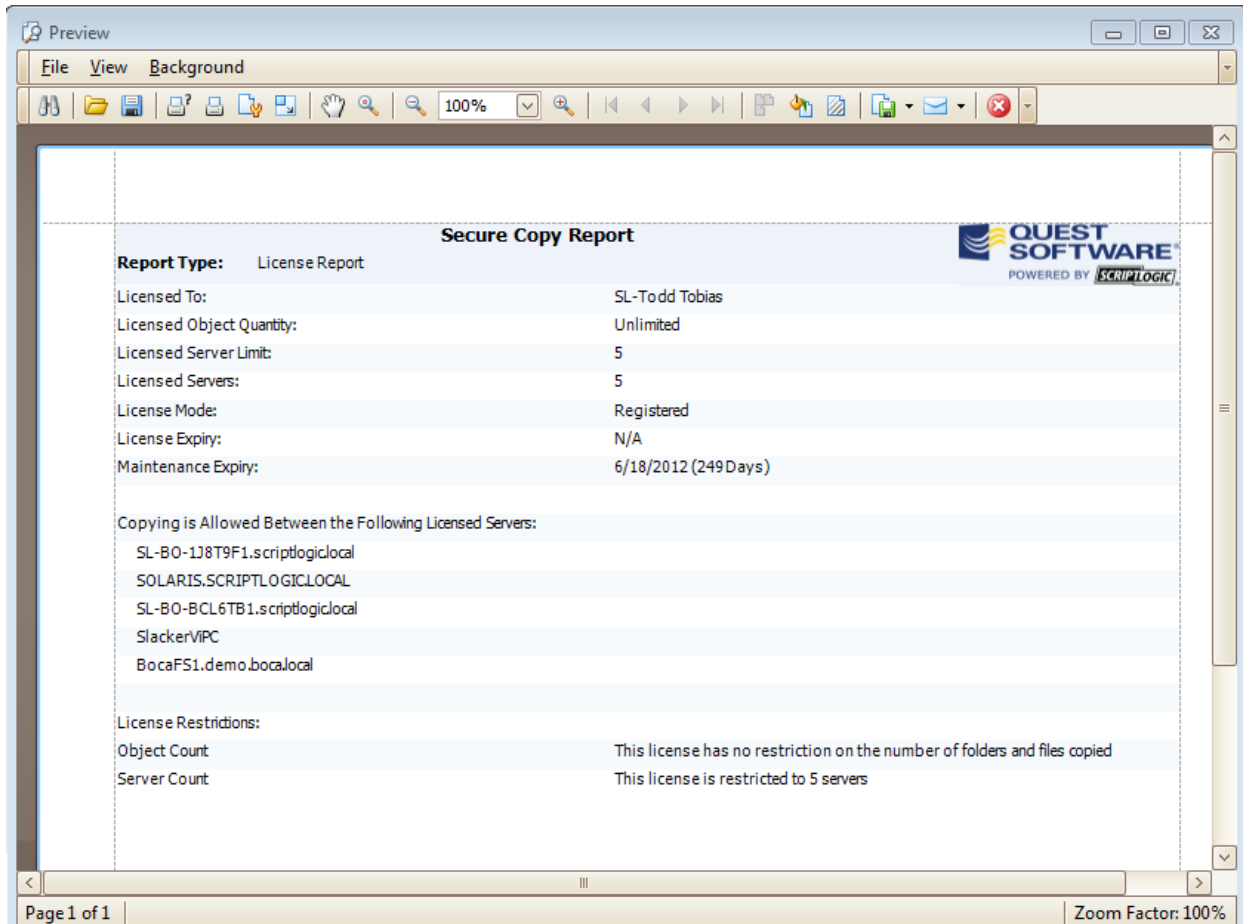
Filter Files by Last Accessed Date

File filtering functionality has been enhanced to allow the inclusion of files based on their last accessed between dates in order to more effectively filter migrated data based on the particular needs of the migration.



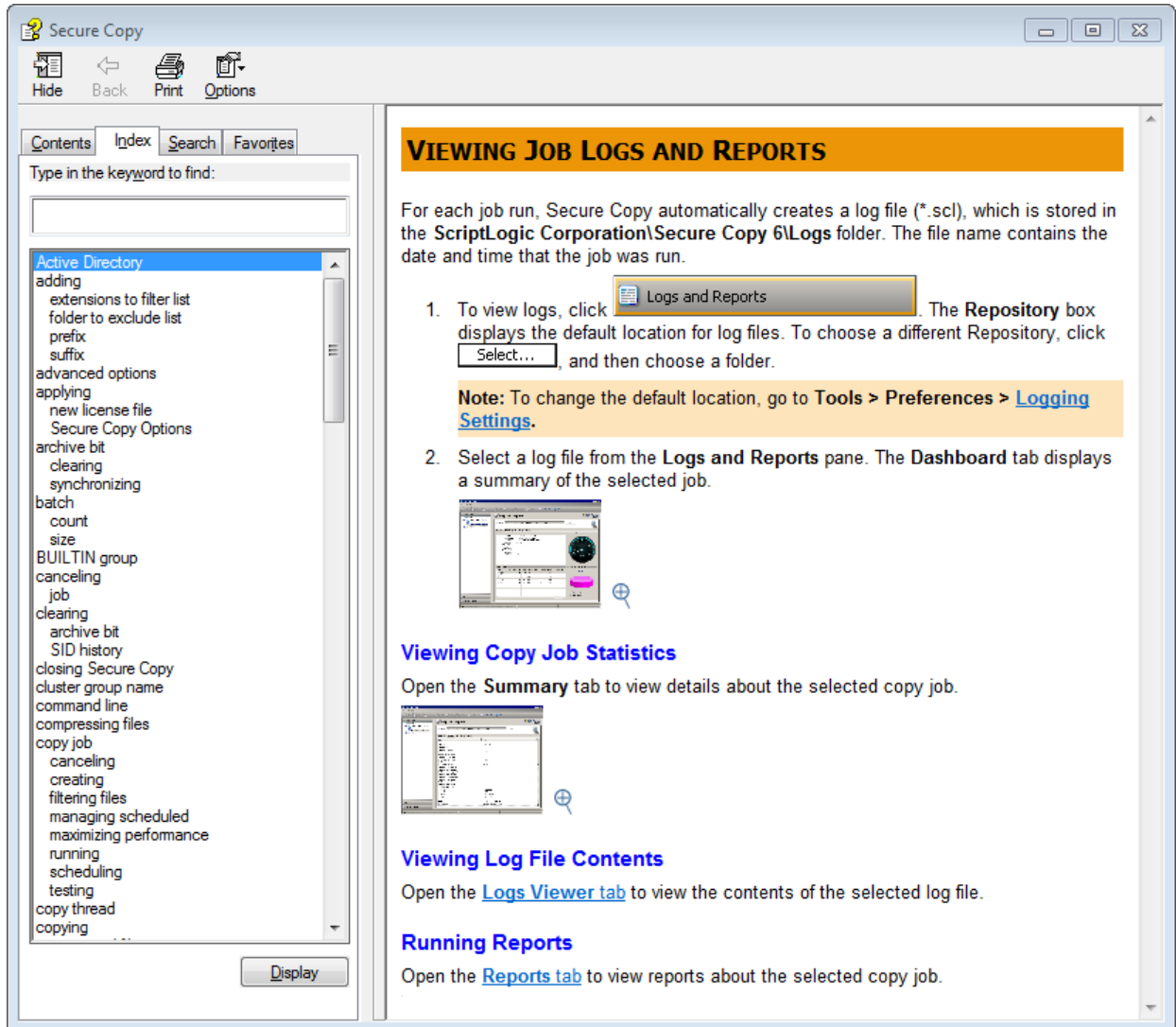
New Console Server List Report

Secure Copy 6.0 now provides a report that displays a list of server names that have been registered and licensed on each Secure Copy console. This report makes it easier to manage and report on license compliance when the product is run in “Limited License Mode” (this mode does not store server names centrally and therefore must be tracked individually from each console).



Context Sensitive Help


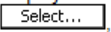
Secure Copy 6.0 adds Context Sensitive Help which allows the user to press F1 or click the Help button from any location in the console and be taken directly to the relevant section of the Help document.



The screenshot shows the Secure Copy 6.0 application window. On the left, there is a navigation pane with tabs for 'Contents', 'Index', 'Search', and 'Favorites'. Below these is a search box labeled 'Type in the keyword to find:'. A list of topics is displayed under the 'Active Directory' category, including 'adding', 'extensions to filter list', 'folder to exclude list', 'prefix', 'suffix', 'advanced options', 'applying', 'new license file', 'Secure Copy Options', 'archive bit', 'clearing', 'synchronizing', 'batch', 'count', 'size', 'BUILTIN group', 'canceling', 'job', 'clearing', 'archive bit', 'SID history', 'closing Secure Copy', 'cluster group name', 'command line', 'compressing files', 'copy job', 'canceling', 'creating', 'filtering files', 'managing scheduled', 'maximizing performance', 'running', 'scheduling', 'testing', 'copy thread', and 'copying'. A 'Display' button is at the bottom of this list.

The main content area on the right displays the 'VIEWING JOB LOGS AND REPORTS' section of the help document. It includes the following text:

For each job run, Secure Copy automatically creates a log file (*.scl), which is stored in the **ScriptLogic Corporation\Secure Copy 6\Logs** folder. The file name contains the date and time that the job was run.

1. To view logs, click . The **Repository** box displays the default location for log files. To choose a different Repository, click , and then choose a folder.

Note: To change the default location, go to **Tools > Preferences > Logging Settings**.

2. Select a log file from the **Logs and Reports** pane. The **Dashboard** tab displays a summary of the selected job.

Below the second step, there is a small screenshot of the 'Logs and Reports' pane showing a list of log files and a magnifying glass icon.

Viewing Copy Job Statistics

Open the **Summary** tab to view details about the selected copy job.

Below this text is a small screenshot of the 'Summary' tab showing job details and a magnifying glass icon.

Viewing Log File Contents

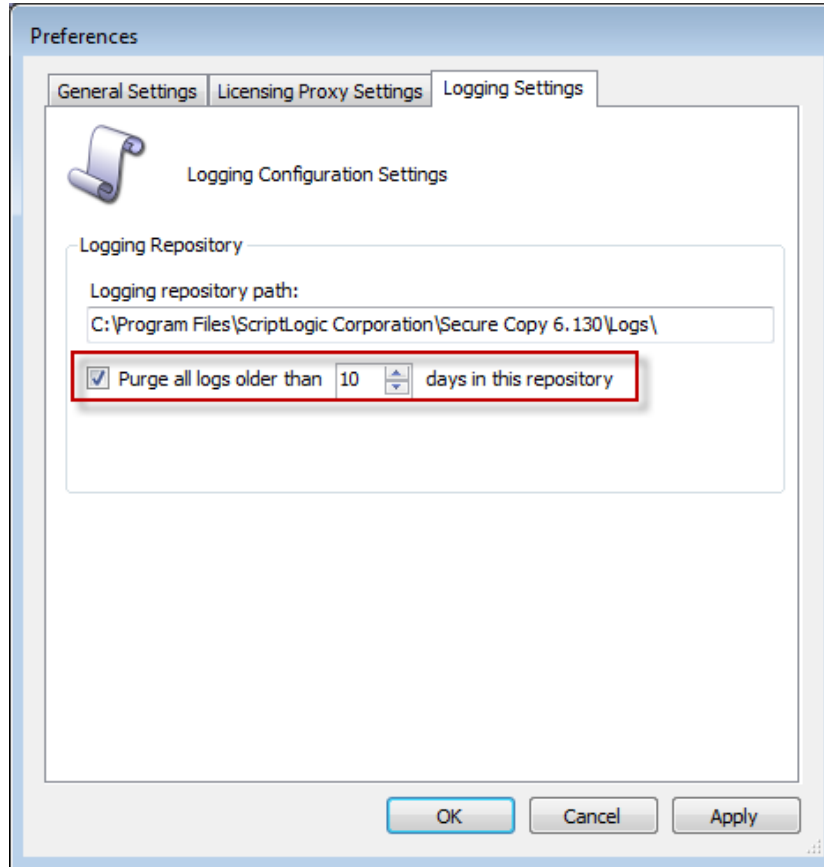
Open the **Logs Viewer** tab to view the contents of the selected log file.

Running Reports

Open the **Reports** tab to view reports about the selected copy job.

New Job Log Purging

Secure Copy 6.0 adds new functionality to allow the purging of job logs based on their age in order to help keep your logging repository within a manageable size.



Summary

Secure Copy 6.0 provides significant improvements to the product logging, usability, and post migration analysis and reporting features. These new features will greatly improve the user experience and provide much more detailed feedback on the outcome of a copy job.

For more information, please visit <http://www.scriptlogic.com/Products/SecureCopy/>