muCommander - Quantum Edition User Guide for MacOS, Linux and Windows

Contents

Introduction

muCommander - Quantum Edition was modified to address issues with how local file systems handle reading and writing files. Since local file systems tend to do more than simply read and write files, system performance can be negatively impacted, especially with the size files that Scalar LTFS handles on a regular basis.

muCommander - Quantum Edition is intended to be used as a simple file browser where users drag and drop files from one file system to another. Only the features and functionality listed in this document are supported by Quantum. All other questions pertaining to muCommander should be directed to www.mucommander.com.

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Configure muCommander - Quantum Edition

Connect to the SLTFS Appliance

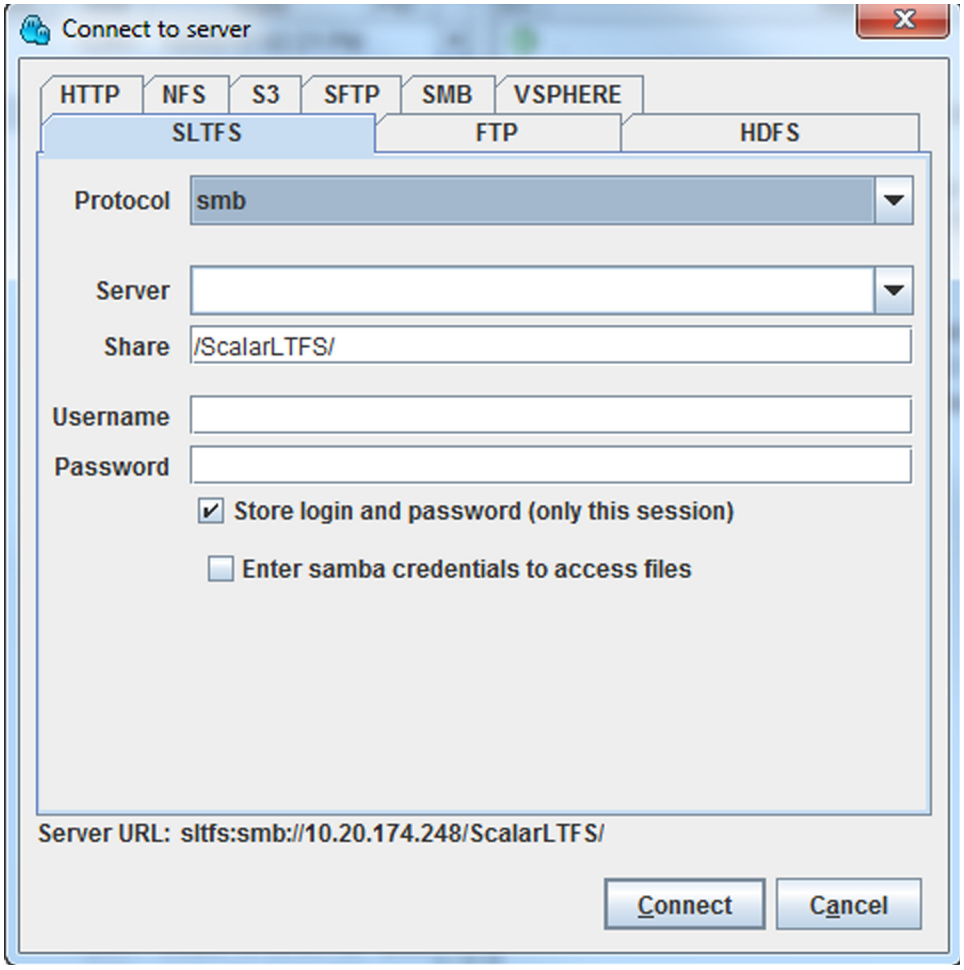
Caution: It is recommended that users do not use an already mapped network connection to the Scalar LTFS Appliance and then connect through muCommander - Quantum Edition. Users should only connect to the SLTFS Appliance through the muCommander - Quantum Edition using the instructions listed in this section.

Note: SMB is the only protocol supported in muCommander - Quantum Edition. However, do not use the SMB tab when configuring muCommander - Quantum Edition.

After installing the application, you must first set up basic configuration to the Scalar LTFS Appliance. To complete the configuration:

1. Launch muCommander - Quantum Edition.
2. Select **Go > Connect to Server**. The **Connect to Server** screen displays.

Figure 1 Connect to Server screen



3 Select the **SLTFS** tab.

Note: You cannot use the **SMB** tab to connect to the SLTFS Appliance in muCommander - Quantum Edition.

4 From the **Protocol** drop-down menu, select **SMB**.

5 In the **Server** field, type in the **IP address** or **DNS name** for the Scalar LTFS Appliance.

6 In the **Share** field, type in */ScalarLTFS/*.

7 Enter your user name and password to access the SLTFS Appliance.

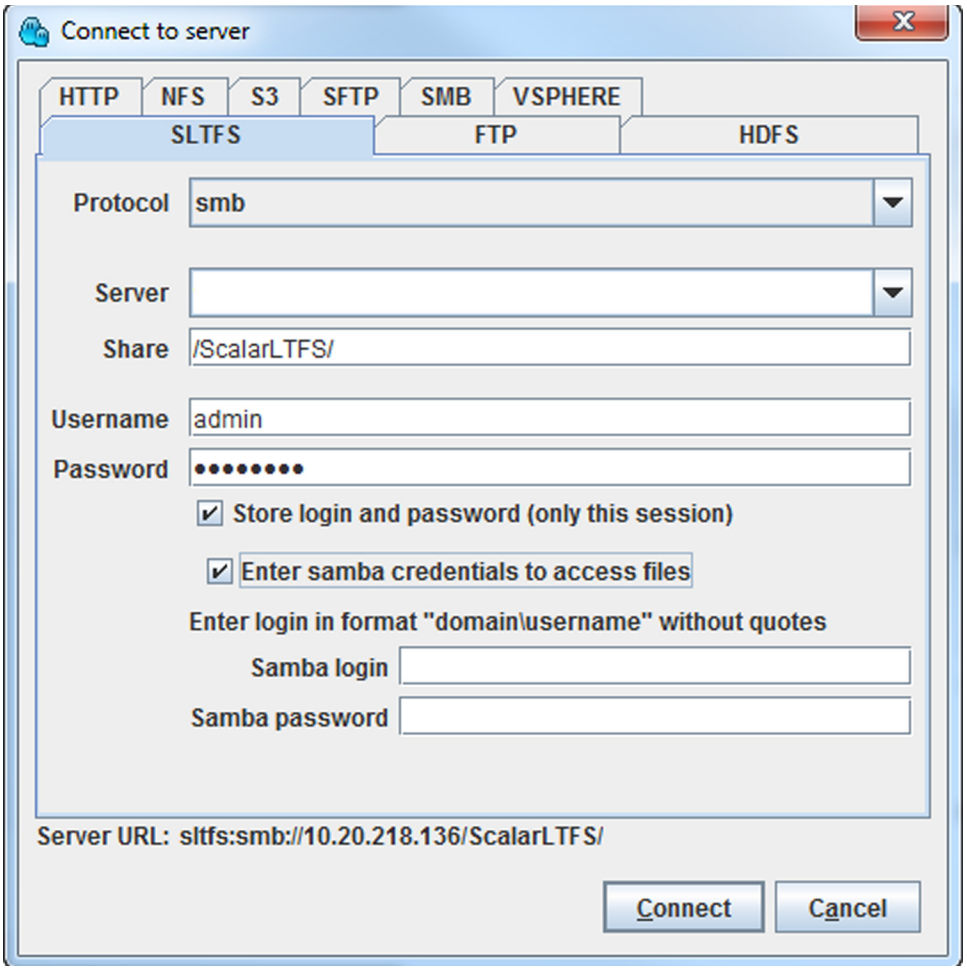
8 Click **Connect**. You are now connected to SLTFS.

Connect to the SLTFS Appliance Using Remote Authentication

If remote authentication is enabled for SLTFS, you must use your Samba credentials to connect to the SLTFS appliance. To complete your login to SLTFS, follow steps 1-7 in the Connect to the SLTFS Appliance procedure and then:

1 Select the **Enter samba credentials to access files** check box. At the bottom of the **Connect to Server screen**, the **Samba login** and **Samba password** fields display.

Figure 2 Connect to Server screen with Samba

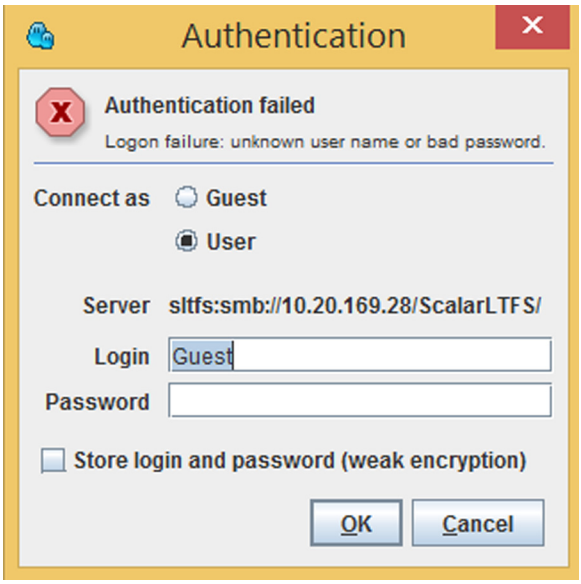


2 Enter your Samba login credentials.

3 Click **Connect**. You are now connected to the Scalar LTFS Appliance.

4 If you have remote authentication enabled and you don't enter your Samba credentials, after clicking **Connect**, a screen displays asking you to enter in your Samba credentials.

Figure 3 Samba Authentication screen



5 Enter your Samba credentials and click **OK**. You are now connected to the Scalar LTFS Appliance.

Note: To turn off remote authentication, from the SLTFS GUI, select **Tools > Remote Authentication**. Uncheck the E**nable Filesystem ACLs** check box.

Basic Features and Functionality

Since muCommander - Quantum Edition is a 3rd party application that has been modified by Quantum, not all features and functionality are supported by Quantum Service. The following are the only features and functionality supported by Quantum. For all other questions, contact muCommander using their website: www.mucommander.com.

Display Folders in a Panel

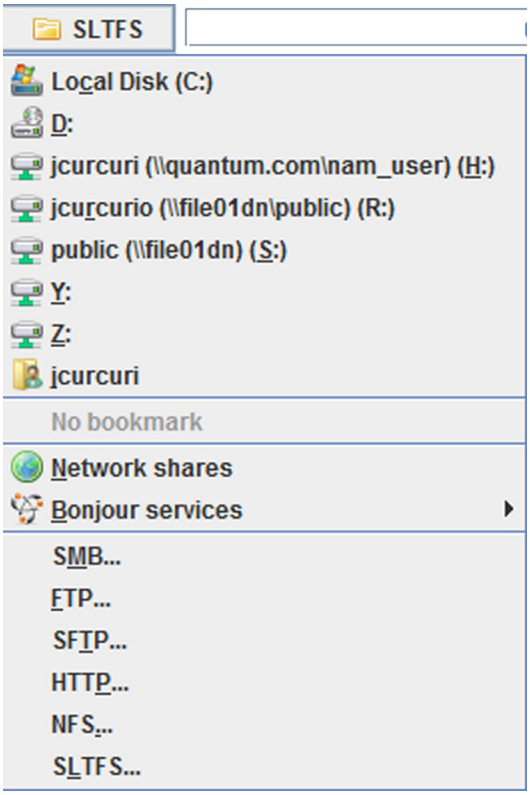
To select a source or destination folder to display in the non-Scalar LTFS panel:

1 Click the **Path** button next to the **Path** field. It will list the current folder you are displaying and when clicked, will drop-down a list of available mapped drives and volumes.

Figure 4 Path Button

2 From the drop-down list, select the drive, folder or volume you want to display in the panel.

Figure 5 Path Button options



3 Navigate within the panel until you find the desired files.

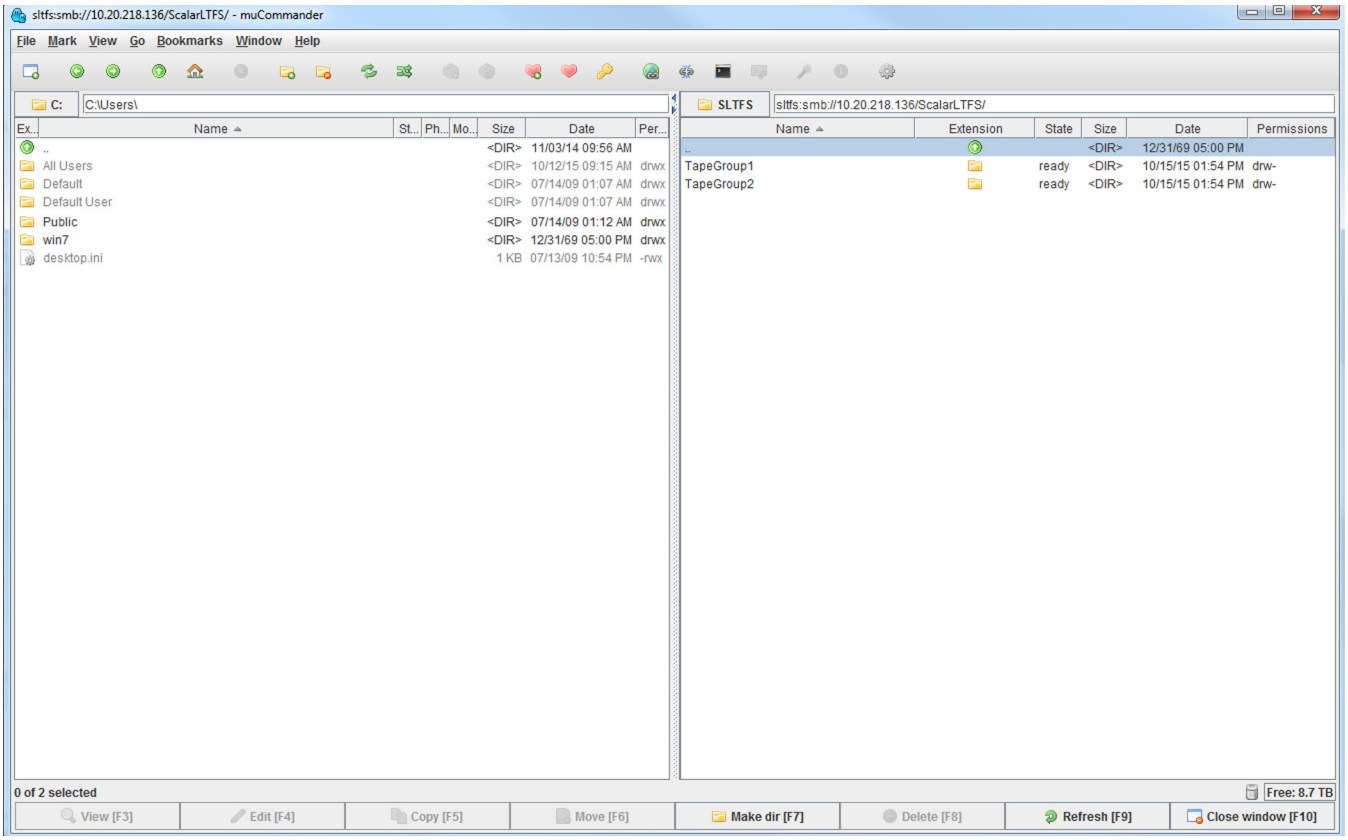
Navigating within a Panel

Navigating within a panel in muCommander - Quantum Edition is not much different than working with Windows Explorer or the Finder on MacOS. The following lists and briefly describes some of the ways to navigate within a panel.

Table 1 Navigation options

Double-click a folder, drive or volume		This is the most basic way to open a folder, drive or volume
Using the up green arrow button		Clicking this button displays the folder, drive or volume one level back in your path
Using the right and left green arrow buttons		Clicking these button moves you forward or backward within the folders, drives or volumes you have already visited

Figure 6 muCommander - Quantum Edition window



The updated window shows new columns that provide media and volume state information. The **State** column displays the following values:

- available
- degraded
- vaulted

The window also shows what media and volumes are offline by displaying a red X on the folder icon.

Figure 7 Offline icon

Opening a New Window

Since the recommended size of the files in Scalar LTFS is quite large, users of muCommander - Quantum Edition can take advantage of opening new windows to perform multiple read/writes concurrently.

To open a new window in muCommander - Quantum Edition:

1 Select **File > New Window**. A duplicate of the currently open window displays.

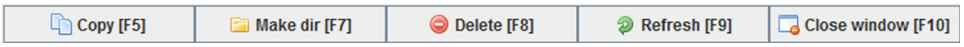
You can now drag and drop more files on SLTFS that will be read/written concurrently.

Caution: If you're using multiple windows to do concurrent I/O, do not read or write to the same SLTFS volume. This can negatively impact system performance.

Use Shortcut Buttons

muCommander - Quantum Edition provides various shortcut buttons in the **Command Bar** at the bottom the window allowing users to perform basic functions quickly.

Figure 8 Command Bar



Volume Group Names

Volume group names are restricted to 255 characters and can only be changed from a file browser, such as muCommander - Quantum Edition. Volume group names also cannot use the following special characters:

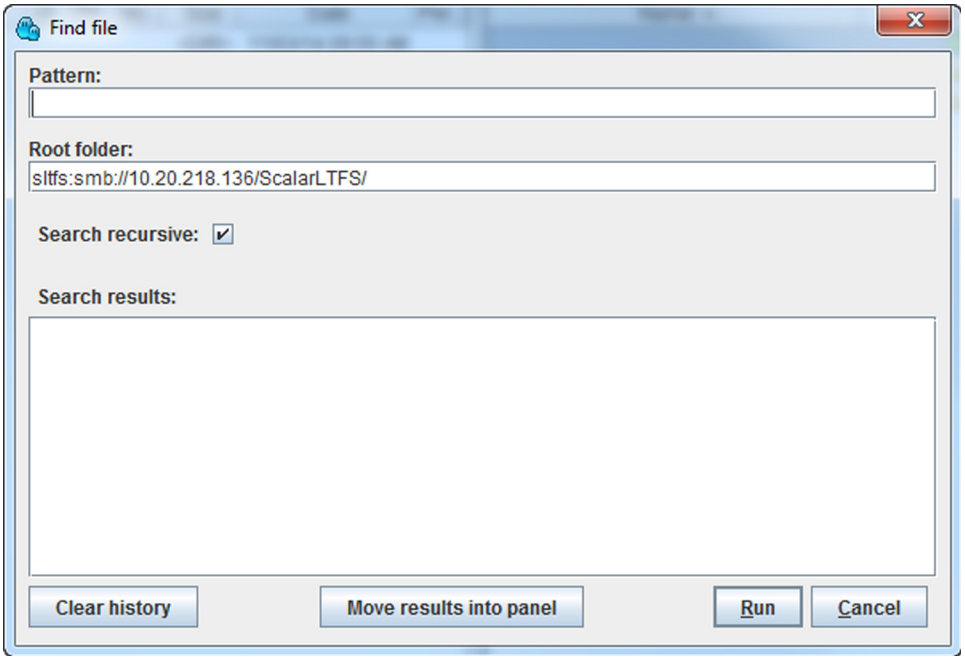
- / :" * ? > < | \

Search for Files

It is possible to search for files using muCommander - Quantum Edition. To perform a search:

1 Select **File > Find File**. The **Find File** screen displays.

Figure 9 Find File screen



2 In the **Pattern** field, type the name of the file you want to search for.

3 Click **Run**. The results display in the **Search results** area of the Find File screen.