Accessing Groupdrives from a Windows Client

30.03.2026 03:25:47

Kategorie:	Datenspeicher & Datenablage::Gruppenlaufwerk	Bewertungen:	0
Status:	öffentlich (Alle)	Ergebnis:	0.00 %
Sprache:	en	Letzte Aktualisierung:	12:14:49 - 20.03.2026

Lösung (öffentlich)

Accessing Groupdrives from a Windows ClientPrerequisites

-

A Windows client in the TUD network

-

Your TUD login and TUD password

-

The Groupdrive name

-

The SVM name of the Groupdrive (short name often starting with vs-, cephnfs or ceph-smb)

Accessing a Groupdrive with SMB ShareInformationPath of the Groupdrive

\\<svm>.zih.tu-dresden.de\<name>

Replace <svm> with the SVM name and <name> with the Groupdrive name.

Note the Login Domain
When logging in, prepend the prefix DOM\ to your TUD login.

Example: DOM\kuki797d

Quick Access

-

Open the Windows Explorer

-

Enter the path of the Groupdrive in the address bar and confirm with Enter.

-

Authenticate when the login window appears. Note the login domain

-

After authentication, the Explorer should switch to the Groupdrive.

Mounting as a Drive

-

Open the Windows Explorer

-

Right-click on the tab This PC → Map network drive

-

Enter the path of the Groupdrive in Folder: and confirm with Finish

-

You may need to authenticate. Note the login domain

-

The Groupdrive is now permanently mounted on the client.

Accessing a Groupdrive with NFS ShareNote: NFS is not officially supported on Windows. We recommend accessing via the [1]Datagateway with external programs (see below). Alternatively, you can use [2]Windows Subsystem for Linux with the [3]Linux guide.

Detailed information and specific notes (such as access paths) can be found in the [4]Datagateway article.

Quick Access with SFTP (WinSCP)

For quick access, we recommend using an SFTP software that reaches the Groupdrive via the Datagateway. In the following, access with the program WinSCP is explained. Basic usage of the program is not covered here.

Preparation:

-

Download the program WinSCP and install it: [5]Download

Establish Connection:

-

Start the software and log in to the Datagateway

-

If the Login window does not appear directly, click on New Tab

-

Fill out the login window:

-

File protocol: SFTP

-

Host name: dgw.zih.tu-dresden.de

-

Port number: 22

-

User name: TUD login

-

Password: TUD password

-

-

If a certificate prompt appears, confirm it with Accept

Navigate to the Groupdrive:

-

After connecting, you are in the "Home" folder.

-

Change to the folder of the Groupdrive:

-

Click the Open directory button to do this

-

Change to the folder of the Groupdrive

-

You should now be in the Groupdrive folder

Mounting as a Drive with SSHFS (WinFsp)

SSHFS is supported on Windows through various implementations. The following explains how to use WinFsp with SSHFS-Win. Please note that SSHFS is not a native Windows protocol, which may cause issues. We recommend using this protocol only for reading and copying files. Collaborative work, such as editing files simultaneously on the shared drive, is not recommended.

Preparation:

-

Download the software WinFsp and SSHFS-Win and install them: [6]Download

-

The software WinFsp must be installed first, then SSHFS-Win

Connect Drive:

-

Open the Windows Explorer

-

Right-click on the tab This PC → Map network drive

-

Enter the following path in Folder: and confirm with Finish

\\sshfs.r\<tud-login>@dgw.zih.tu-dresden.de\svm\<svm>\<name>

 Replace <tud-login> with your TUD login, <svm> with the SVM name and <name> with the Groupdrive name.

Note: This SSHFS implementation does not resolve the link under /glw. You
must use the /svm path.

-

Authenticate using your TUD login (usually pre-filled) and TUD password.

-

The Groupdrive is now permanently mounted on the client.

[1] https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1525;
[2] https://learn.microsoft.com/en-us/windows/wsl/about
[3] https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1526;
[4] https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1525;
[5] https://winscp.net/eng/download.php
[6] https://winfsp.dev/rel/