

# daDetective Cloud Access Utility

## — Manual Setup

*Fallback instructions when the automated Setup utility cannot be used*

---

### Overview

This guide provides step-by-step instructions for manually installing the two required components — **rclone** and **WinFsp** — and configuring cloud storage access when the daDetective Cloud Access Utility automated setup files (.bat) cannot be used. Common reasons include corporate security policies that block .bat execution, Windows SmartScreen warnings, or restricted user environments.

The end result is identical to what the automated utility produces: your cloud storage mounted as a local drive letter in Windows Explorer, ready for use with daDetective.

### Requirements

Requirement	Details
<b>Operating System</b>	Windows 10 or later
<b>Internet Access</b>	Required for initial downloads and cloud authentication
<b>Administrator Access</b>	Required for WinFsp installation only

### Step 1 — Download rclone

1. Go to <https://rclone.org/downloads/>
2. Under "**Intel/AMD - 64 Bit**", click the Windows download link. Alternatively, use the direct URL:

**<https://downloads.rclone.org/rclone-current-windows-amd64.zip>**

3. Extract the zip file. Inside you will find a folder containing `rc\clone.exe`.
4. Copy `rc\clone.exe` to a permanent location. **Recommended:** Create a folder called `daDetective` in your Documents folder and place `rc\clone.exe` there.  
Example path: `C:\Users\[YourName]\Documents\daDetective\rc\clone.exe`

### Note

`rc\clone` is a single portable executable — no installation is required. Simply place the file where you want it and run it from there.

## Step 2 — Download and Install WinFsp

5. Go to <https://winfsp.dev/rel/>
6. Download the latest WinFsp installer (`.msi` file).
7. Double-click the downloaded `.msi` file to run the installer.
8. When Windows asks *"Do you want to allow this app to make changes to your device?"* — click **Yes**.
9. Follow the installer prompts to complete installation.

**Silent install alternative:** Open a Command Prompt as Administrator and run:

```
msiexec /i winfsp-[version].msi /passive /norestart
```

### Important

WinFsp is required because it allows `rc\clone` to present cloud storage as a Windows drive letter. It installs a kernel-mode file system driver. This is the **only** component that requires administrator privileges.

## Step 3 — Configure Your Cloud Provider

Open a Command Prompt (`cmd.exe`) and navigate to the folder where you placed `rclone.exe`. Then run the appropriate command for your cloud storage provider.

### Google Drive

#### Command:

```
rclone.exe config create gdrive drive scope=drive
```

**What happens:** Your default browser will open. Sign in to your Google account and click "**Allow**" to grant access. Return to the command window when complete.

### Dropbox

#### Command:

```
rclone.exe config create dropbox dropbox
```

**What happens:** Your default browser will open. Sign in to your Dropbox account and click "**Allow**". Return to the command window when complete.

### Amazon S3

You will need your **AWS Access Key ID**, **Secret Access Key**, and **Region** before starting.

#### Command:

```
rclone.exe config create s3 s3 provider=AWS access_key_id=YOUR_ACCESS_KEY  
secret_access_key=YOUR_SECRET_KEY region=YOUR_REGION
```

#### Example:

```
rclone.exe config create s3 s3 provider=AWS  
access_key_id=AKIAIOSFODNN7EXAMPLE  
secret_access_key=wJalrXUtnFEMI/K7MDENG/bPxrFiCYEXAMPLEKEY region=us-east-1
```

### Wasabi

You will need your **Wasabi Access Key**, **Secret Key**, and **Region** before starting.

#### Command:

```
rclone.exe config create wasabi s3 provider=Wasabi  
access_key_id=YOUR_ACCESS_KEY secret_access_key=YOUR_SECRET_KEY  
region=YOUR_REGION
```

#### Example:

```
rclone.exe config create wasabi s3 provider=Wasabi access_key_id=YOUR_KEY  
secret_access_key=YOUR_SECRET region=us-east-1
```

## Backblaze B2

You will need your **Backblaze Application Key ID** and **Application Key** before starting.

### Command:

```
rcclone.exe config create b2 b2 account=YOUR_KEY_ID key=YOUR_APP_KEY
```

## Step 4 — Mount Your Cloud Storage as a Drive

Run the appropriate mount command from the folder containing `rcclone.exe`. The command window must remain open while you use the drive.

Provider	Mount Command	Drive Letter
Google Drive	<code>rcclone.exe mount gdrive: G: --vfs-cache-mode full</code>	<b>G:</b>
Dropbox	<code>rcclone.exe mount dropbox: D: --vfs-cache-mode full</code>	<b>D:</b>
Amazon S3	<code>rcclone.exe mount s3:YOUR_BUCKET_NAME S: --vfs-cache-mode full</code>	<b>S:</b>
Wasabi	<code>rcclone.exe mount wasabi:YOUR_BUCKET_NAME W: --vfs-cache-mode full</code>	<b>W:</b>
Backblaze B2	<code>rcclone.exe mount b2:YOUR_BUCKET_NAME B: --vfs-cache-mode full</code>	<b>B:</b>

### Important Notes

- Replace `YOUR_BUCKET_NAME` with your actual bucket name (S3, Wasabi, and B2 only).
- The command window **must remain open** while the drive is mounted. Closing the window disconnects the drive.

- To disconnect, close the command window or press **Ctrl+C**.
- The `--vfs-cache-mode full` flag enables full local caching for reliable file access.

## Step 5 — Verify the Drive

10. Open **Windows File Explorer**.
11. Look in the left sidebar under "**This PC**" — you should see the new drive letter (**G:**, **D:**, **S:**, **W:**, or **B:**).
12. Navigate into the drive to confirm your cloud files are visible.
13. You can now select files from this drive when uploading to daDetective.

### Tip

If the drive does not appear immediately, try pressing **F5** to refresh File Explorer, or close and reopen it.

## Making It Convenient (Optional)

To avoid typing the mount command every time, you can create a simple `.bat` file. For example, to mount Google Drive, create a file called `Mount Google Drive.bat` with the following contents:

```
@echo off cd /d "C:\Users\[YourName]\Documents\daDetective" echo Your Google Drive files will appear as the G: drive. echo LEAVE THIS WINDOW OPEN while you work. echo Close it when you are done. rclone.exe mount gdrive: G: --vfs-cache-mode full
```

Save this file to your Desktop. Double-click it anytime you need to mount the drive.

Adjust the path, provider name, and drive letter as needed for other cloud providers (refer to the mount command table in Step 4).

# Troubleshooting

Problem	Solution
"mount: fatal error: WinFsp not installed"	WinFsp is not installed or was not installed correctly. Re-download and install from <a href="https://winfsp.dev/rel/">https://winfsp.dev/rel/</a>
"The drive letter is already in use"	Choose a different drive letter in the mount command (e.g., change G: to X:). Or close any existing mount using that letter first.
Browser does not open during Google Drive or Dropbox setup	Copy the URL shown in the command window and paste it into your browser manually.
"Access denied" or authentication errors	Re-run the <code>config create</code> command to redo authentication. For S3, Wasabi, and B2, verify your access keys are correct.
Files appear but cannot be opened	Check your internet connection. The <code>--vfs-cache-mode full</code> flag should handle most file access scenarios, but large files require a stable connection.

## Uninstalling

To completely remove the manual setup, follow these steps:

14. **Close** any command windows running `rclone mount`.
15. **Delete** the folder containing `rclone.exe` (e.g., `Documents\daDetective`).
16. **Uninstall WinFsp:** Go to **Settings > Apps**, search for "**WinFsp**", and click **Uninstall**.
17. **Delete** any `.bat` files you created on your Desktop.

### Note

rclone stores its configuration file at `C:\Users\[YourName]\AppData\Roaming\rclone\rclone.conf`. You may also delete this file to remove saved cloud provider

credentials.

---

daDetective Cloud Access Utility — Manual Setup Guide

[support@dadetective.com](mailto:support@dadetective.com) | [dadetective.com](https://dadetective.com)