

Fixing network issue after upgrade or clean install of windows 11 24H2

It seems to be an issue with the increased security of networking in 24H2 that breaks it.

I had a client in the last week that needed a clean install of his system, he has a habit of playing around and breaking things. Which he gets told off for all the time.

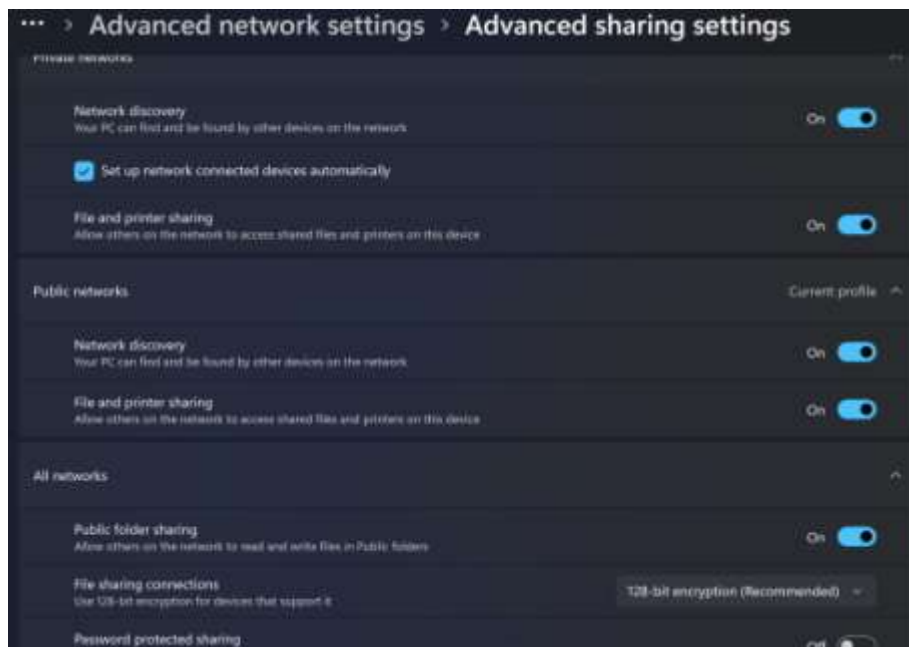
The client also has a windows 10 file server with the drives mapped to all of his computers. All connections to the mapped drive worked while the system was on 23H2, but with the installation of 24H2 these connections broke.

Here's what I did to fix those network connections back to the server.

This is based on Windows 11 Home, but should work on Windows 11 Pro. Also there is no username or password set for these settings.

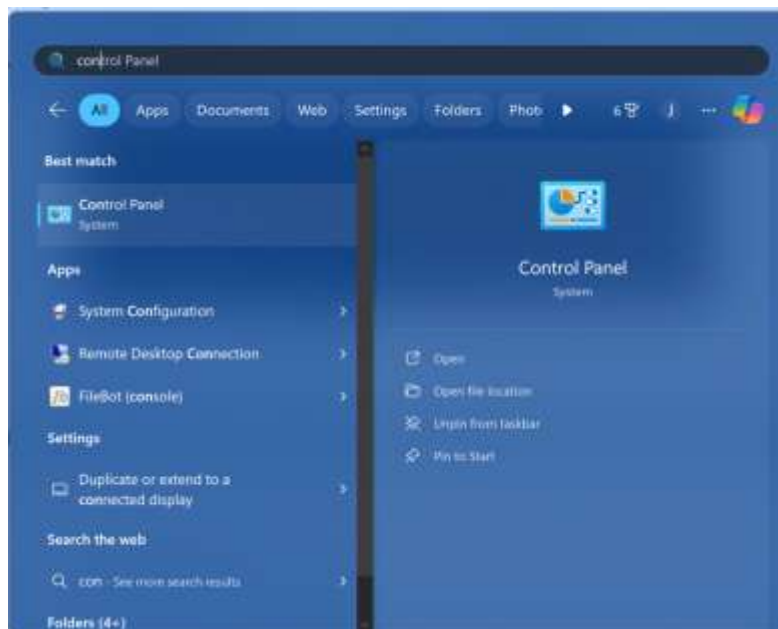
What I did first was check the **Network and Sharing options** and made sure that **Network Discovery** and **Print Sharing** was turned on for **Private, Public and All Network**. Then I turned off the **Password Protect Sharing**.

Path: Start → Settings → Network → Advanced Network Settings → Advanced Sharing Settings →

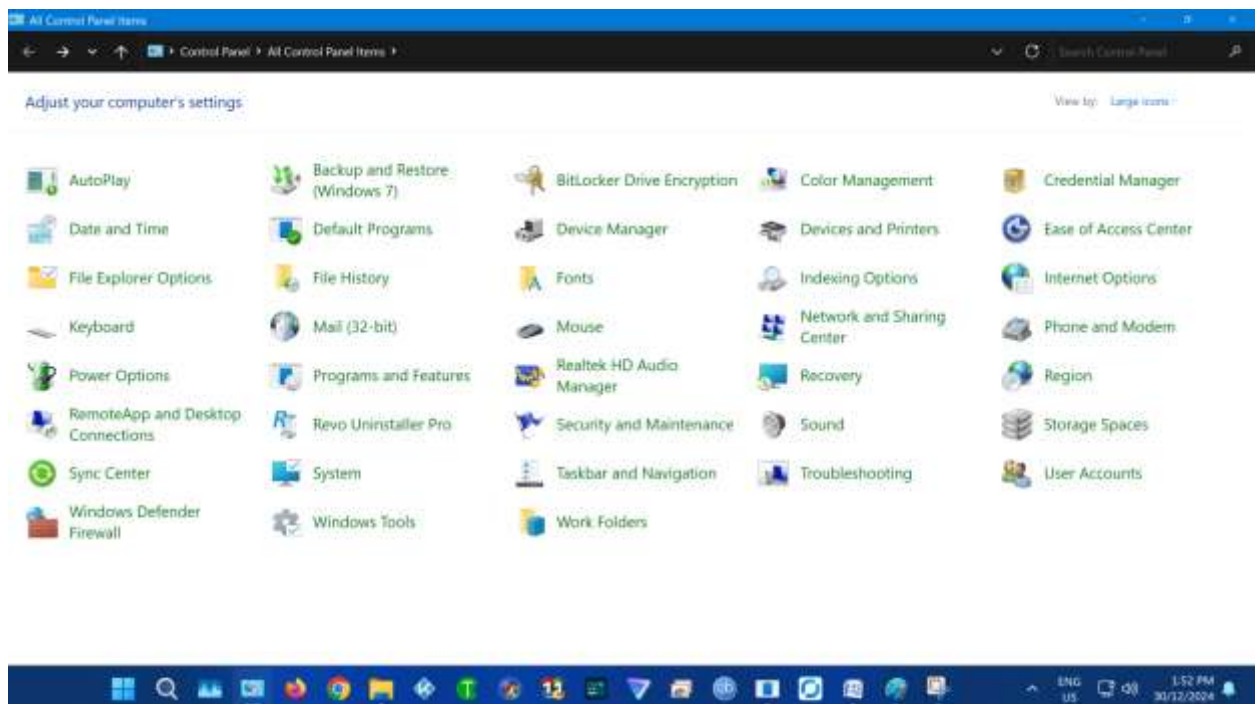


Note these Setting changes.

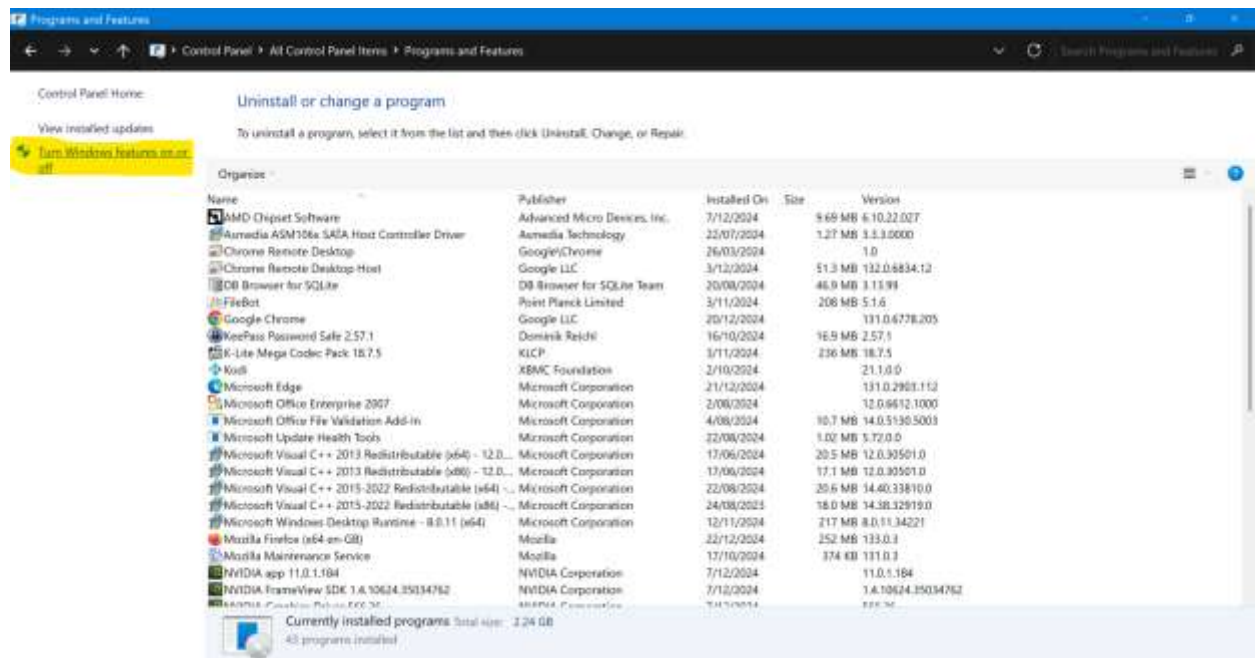
Next was to make sure SMB Share was installed. First search for **Control Panel** and hit **Enter** or click on **It**.



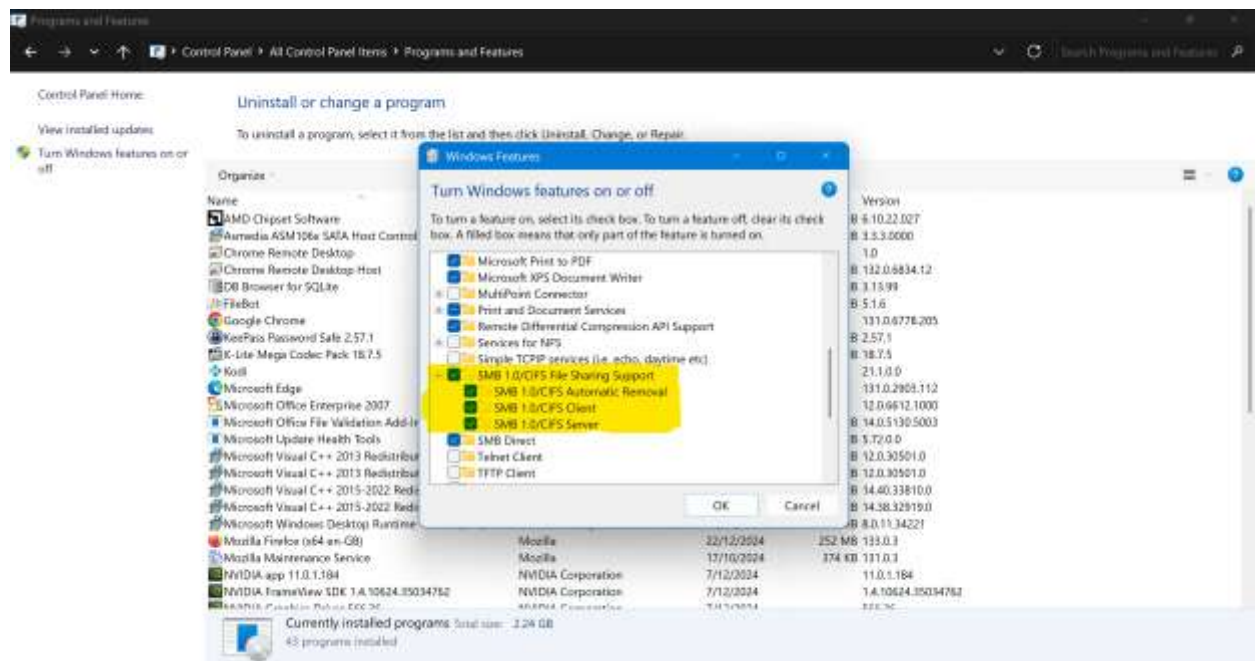
Now once in the **Control Panel**, navigate to **Programs and Features** and **Click** on it.



Now on the left side of the screen there should be **Turn Windows features on and off**, click on that.



Next you scroll down to SMB Share



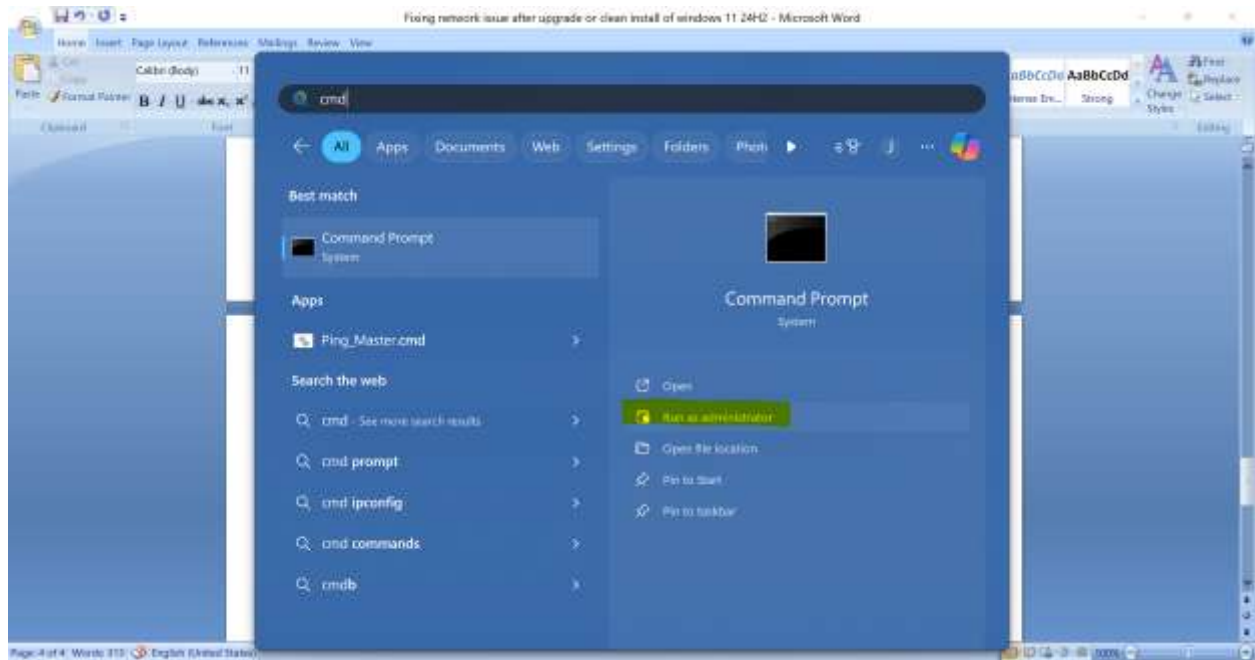
Click on OK and wait for it to install, once installed you will be prompted to restart the computer.
Restart the computer.

The next bit is for Windows 11 24H2 Home users. This will install the Group Policies Editor onto Home Edition.

Open an elevated Command prompt and enter the following (one at a time), wait until the first one had finished before doing the second command. Pressing **Enter** after each command has been pasted into the command prompt window.

Code 1: **FOR %F IN ("%SystemRoot%\servicing\Packages\Microsoft-Windows-GroupPolicy-ClientTools-Package~*.mum") DO (DISM /Online /NoRestart /Add-Package:"%F")**

Code 2: **FOR %F IN ("%SystemRoot%\servicing\Packages\Microsoft-Windows-GroupPolicy-ClientExtensions-Package~*.mum") DO (DISM /Online /NoRestart /Add-Package:"%F")**



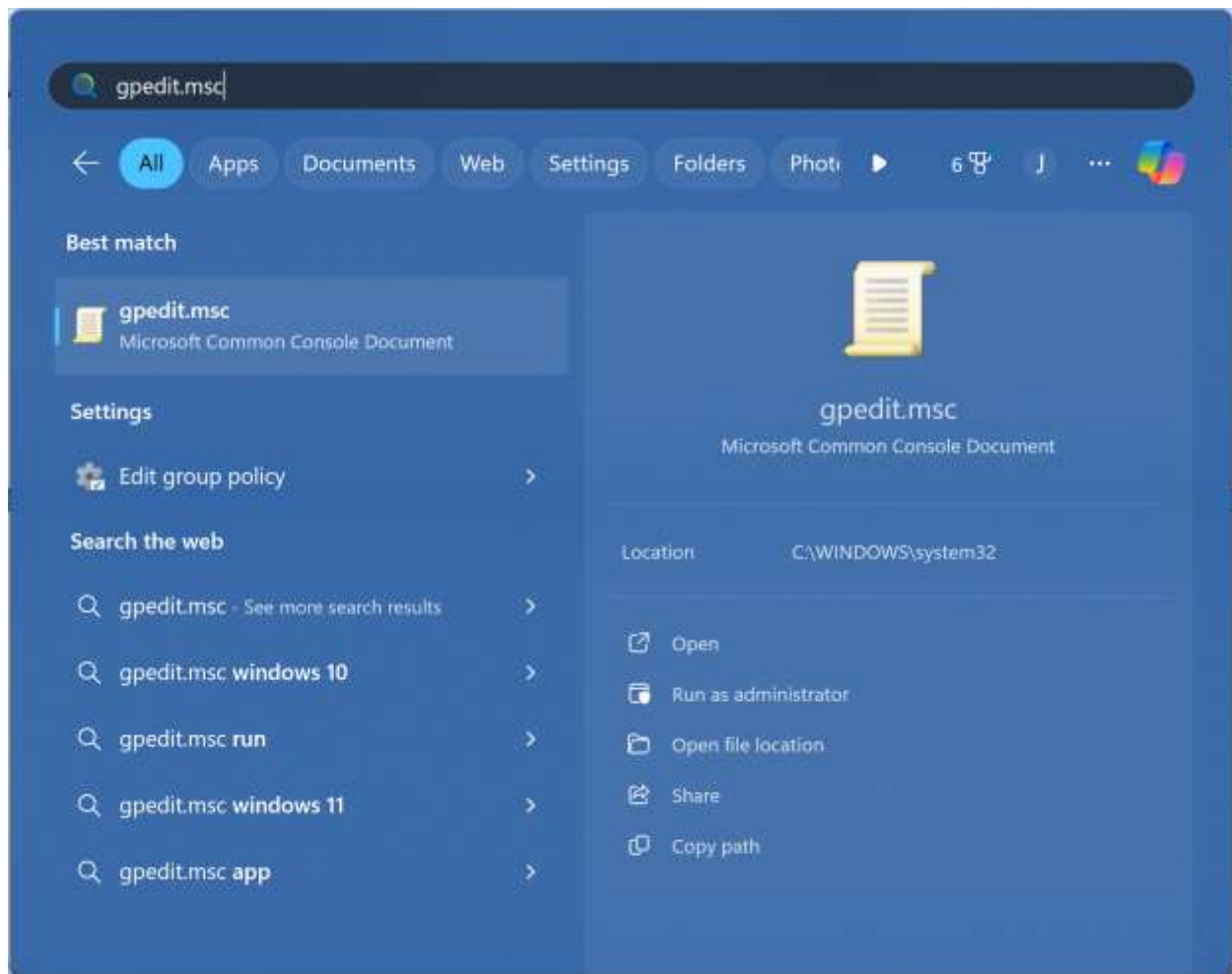
```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.26100.2605]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>FOR %F IN ("%SystemRoot%\servicing\Packages\Microsoft-Windows-GroupPolicy-ClientTools-Package~*.mum"
) DO (DISM /Online /NoRestart /Add-Package:"%F")
```

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.26100.2605]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>FOR %F IN ("%SystemRoot%\servicing\Packages\Microsoft-Windows-GroupPolicy-ClientExtensions-Package~*
.mum") DO (DISM /Online /NoRestart /Add-Package:"%F")
```

Once this has been installed you can now search for **GPEDIT.MSC** and hit **Enter** or **Click** on it.



Next is for both Home and Pro users.

Once GPEdit is opened, you will need to navigate to the following things.

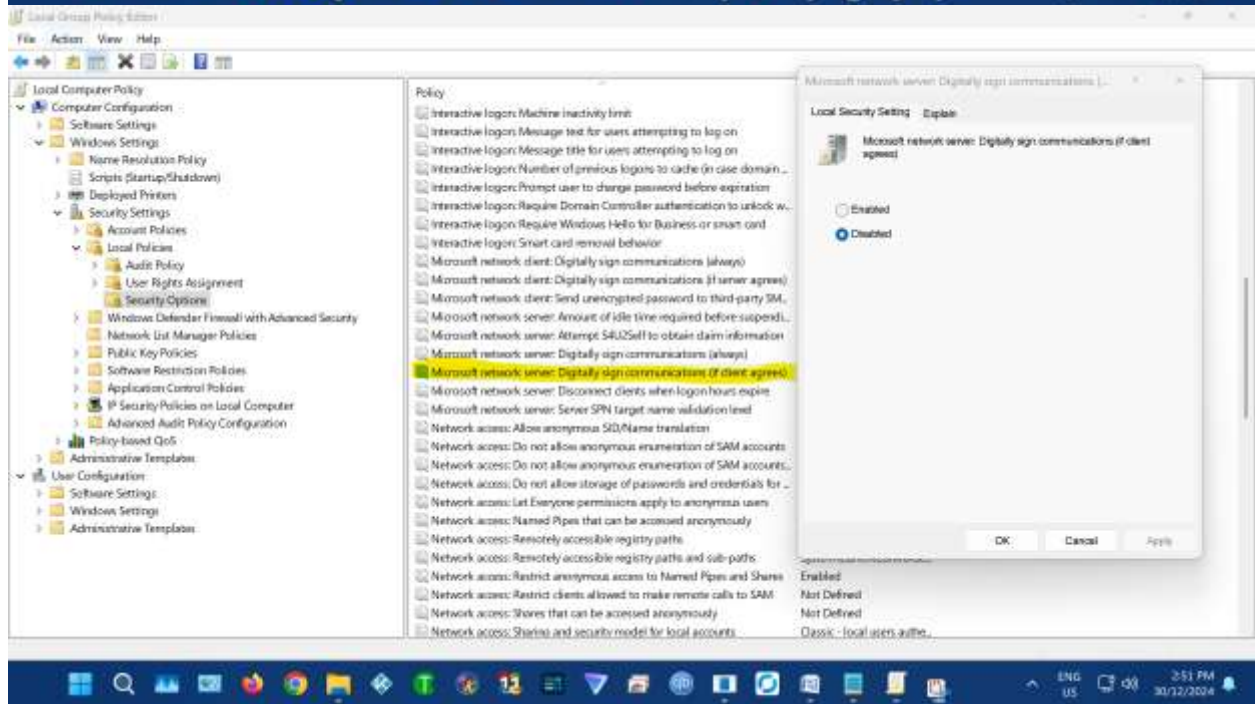
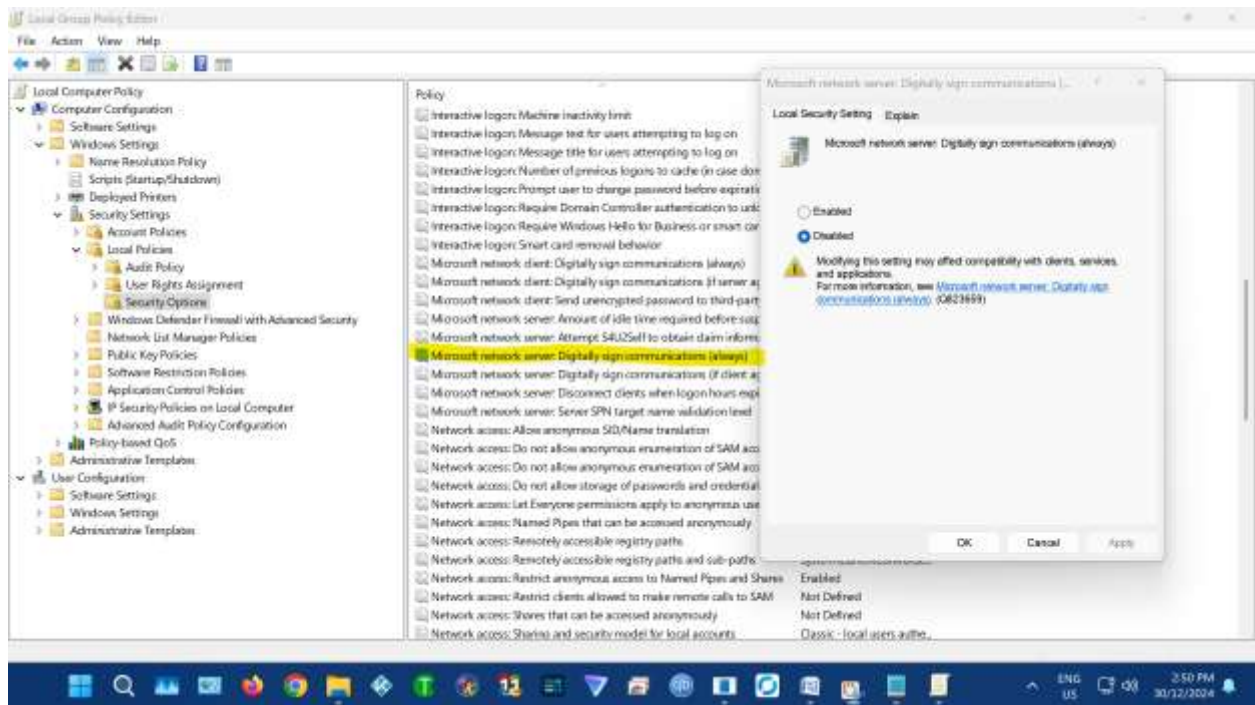
Computer Configuration→ Windows Settings→ Security Settings→ Local Policies→ Security Options

Double click on Microsoft Network Client: Digitally sign communications (always)

Double click on Microsoft Network Client: Digitally sign communications (if server agrees)

Set both of these to "Disabled"

Click on OK.



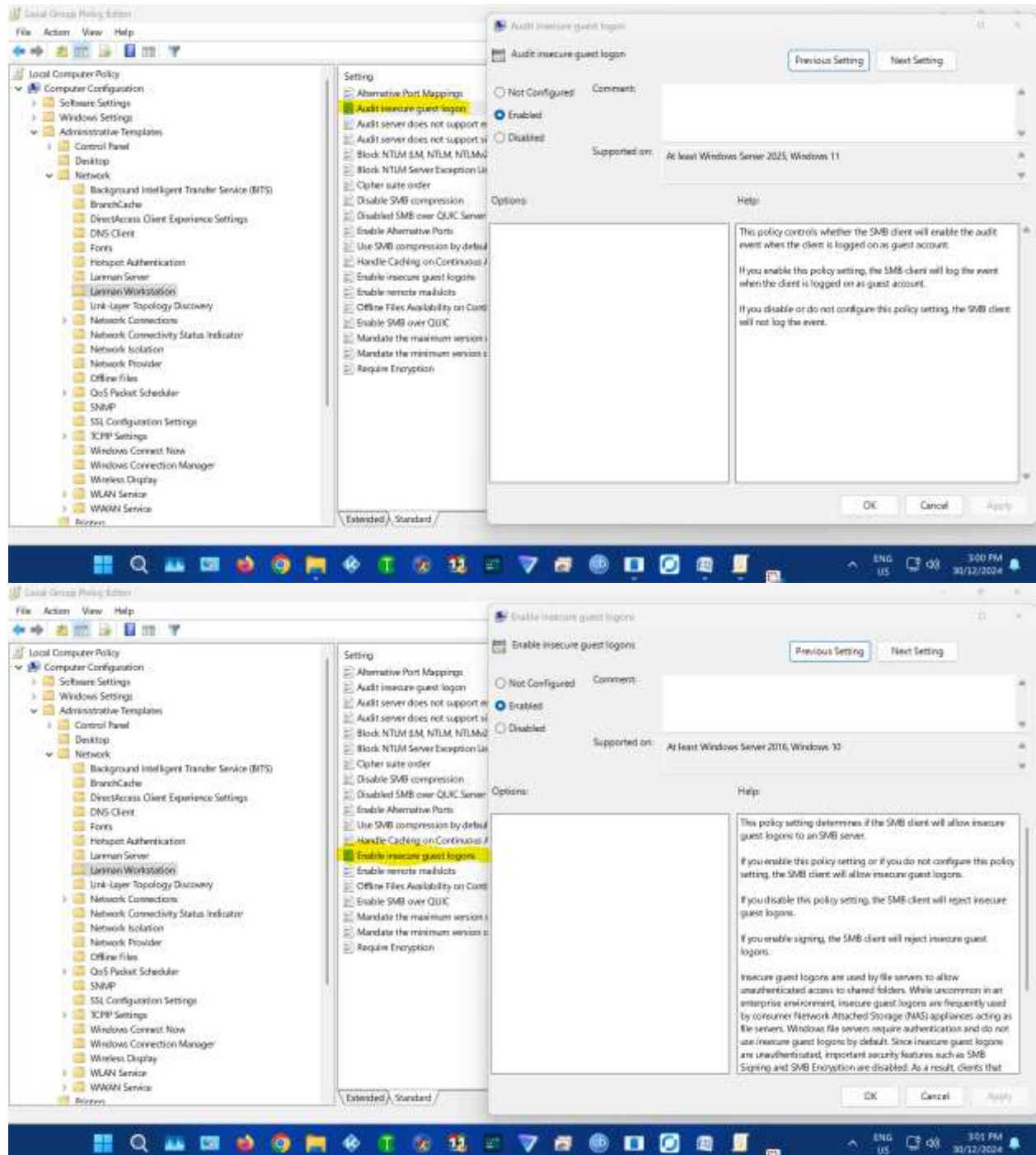
Now the final bit in **GPEDIT**, you navigate to:

Computer Configuration → Administrative Templates → Network → Lanman Workstation there will be 2 polices that need to be enabled.

Double click on Audit Insecure guest login → Enable

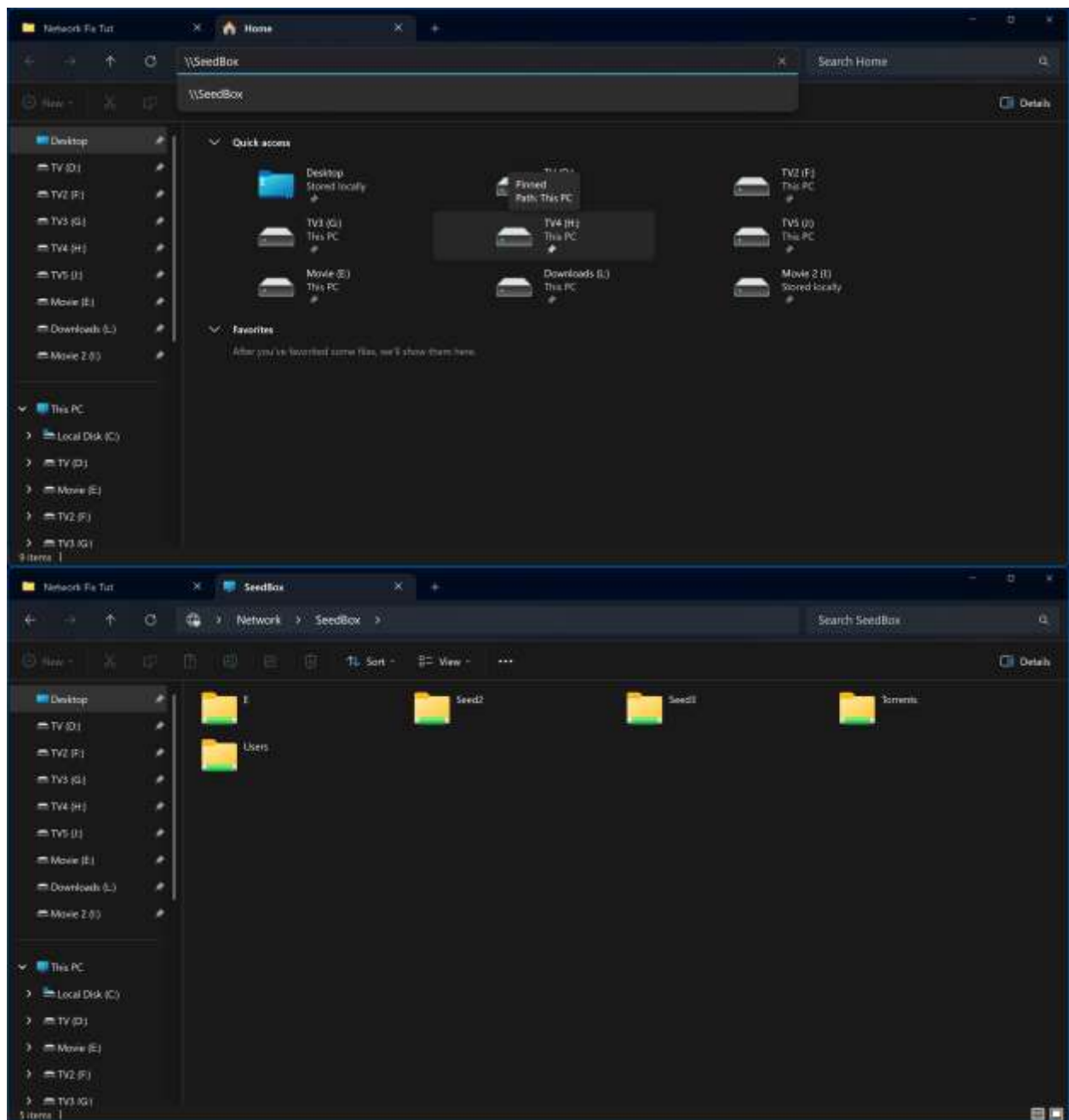
Double click on Enable Insecure guest login → Enable

Click OK on both.



Once that is all set you can goto file explorer and enter in the address bar for your server.

Like this: **\\Server** (or whatever name you have called it).



With a bit of luck you are able to access you home file server again. All of this took me about 20 minutes to complete.

Take the time and take it slowly and hopefully it will work for you.

Cheers,

Freck (Frecklesnoot)