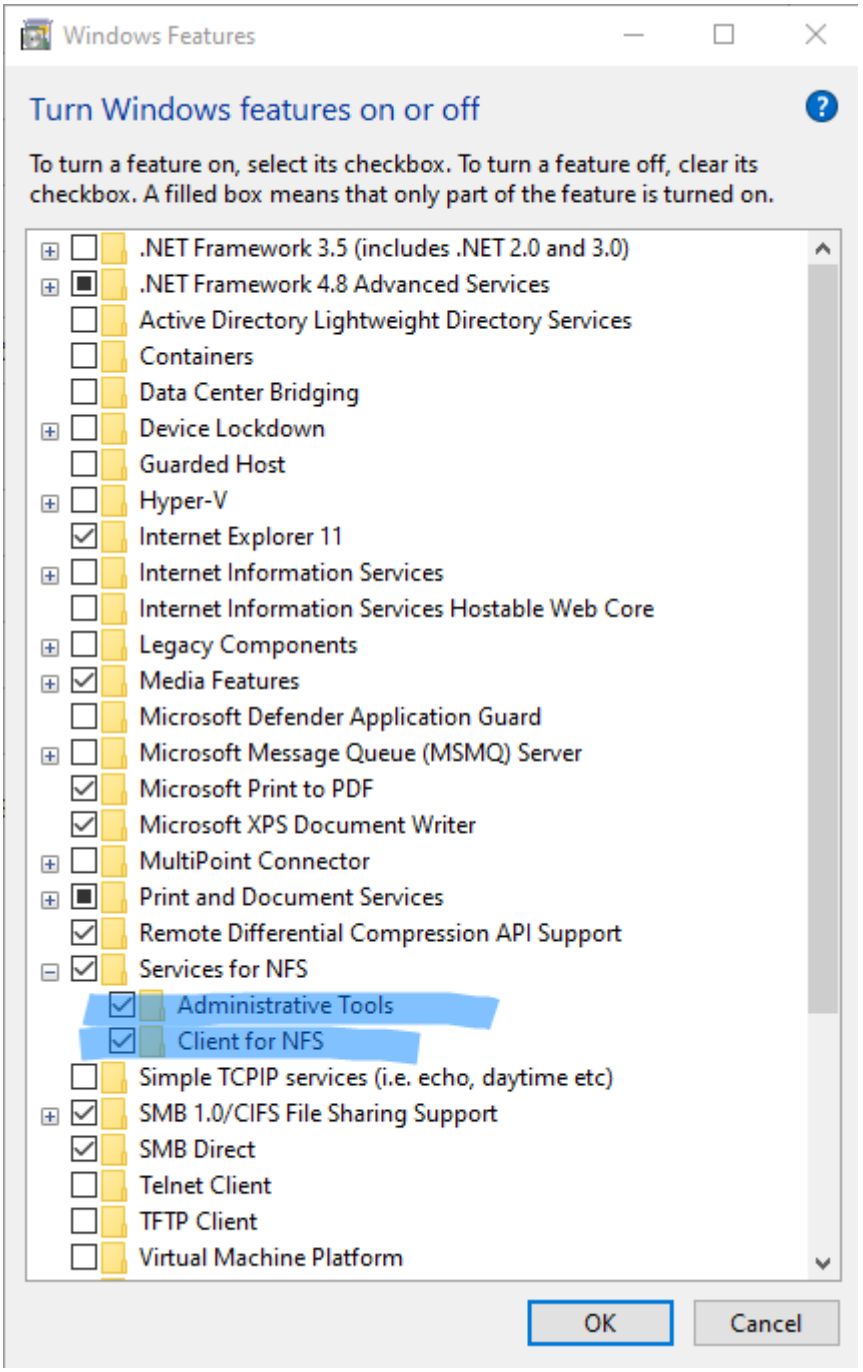
1. **turn on window features**
   - [windows] + [r]
   - type ***optionalfeatures***
   - scroll to ‘Administrative Tools’ and ‘Client for NFS’ under ‘Services for NFS’ and turn them both on



2 get UID and GID by ssh'ing to the server

- [windows] + [r]
- type ***cmd***
- type ***ssh currentuser@servername***
  - where *currentuser* is the user as which you want to connect to the server
  - where *servername* is the server-name (you can also use the server-ip-adress)

```
C:\Users\Outpost>ssh mats@friet
mats@friet's password:
Could not chdir to home directory /var/services/homes/mats: No such file or directory
mats@friet:/$ id
uid=1043(mats) gid=100(users) groups=100(users),101(administrators),65538(Employees)
mats@friet:/$
```

- (you might have to accept after login and type '*yes*')
- type ***id***
- remember the 'UID' and the 'GID'

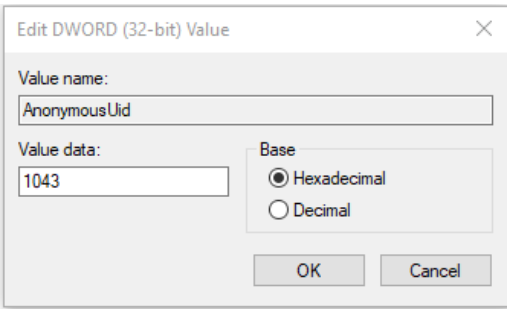
> If you get a 'permission denied' when logging in, make sure you have the permissions set fully for your user on the server

3. set variables in regedit

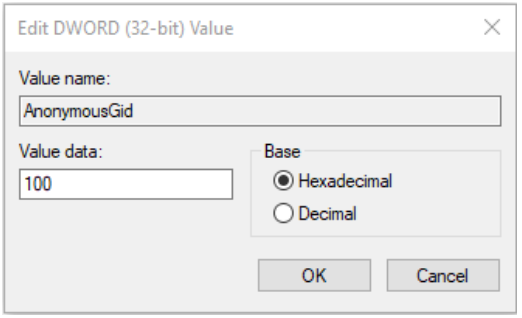
- [windows] + [r]
- type ***regedit***
- browse to **HKEY_LOCAL_MACHINE \ SOFTWARE \ Microsoft \ ClientForNFS \ CurrentVersion \ Default**
  (or use this in the adres-line at the top:
  Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\ClientForNFS\CurrentVersion\Default)

> If you cannot find the folder **ClientForNFS**, the extra windows-features have not been succesfully installed. Install them again, and restart the pc.

- [right click], new, DWORD (32bit) Value
- name it ***AnonymousUid***
- set the value to your UID (see previous step)



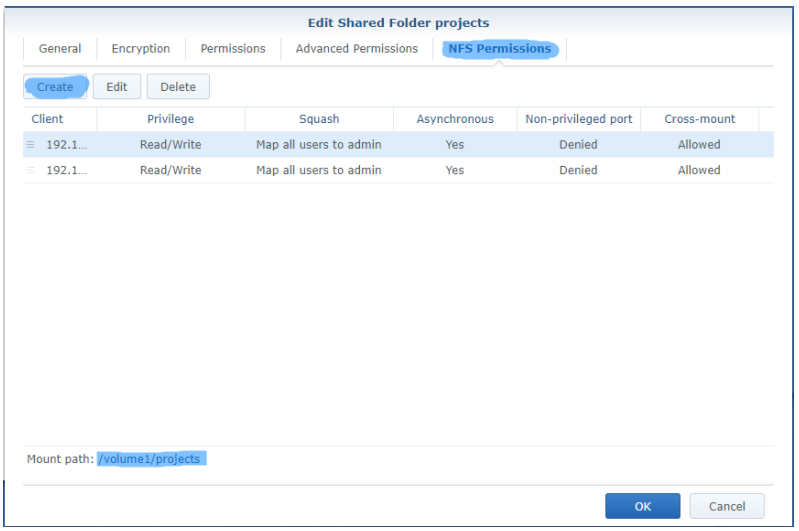
- [right click], new, DWORD (32bit) Value
- name it ***AnonymousGid***
- set the value to your GID (see previous step)



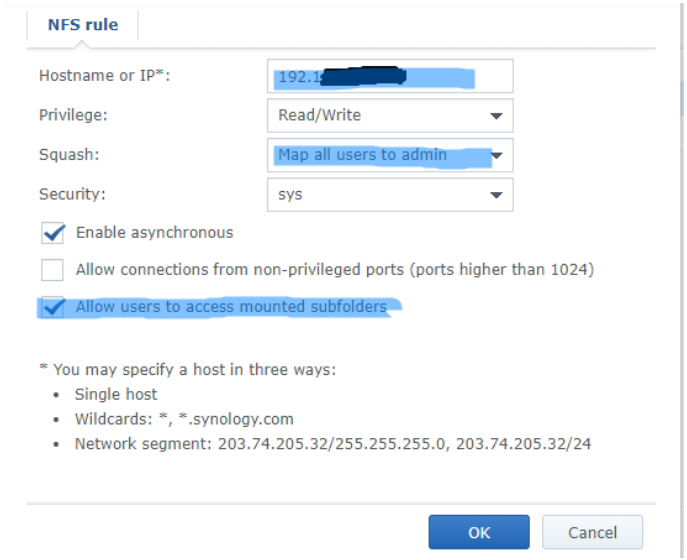
- restart pc for regestry edits to take affect

4 For Synology-servers:
login to your Synology diskserver and set NFS permissions

- right click the shared folder that you want to share, edit
- go to the NFS permission-tab



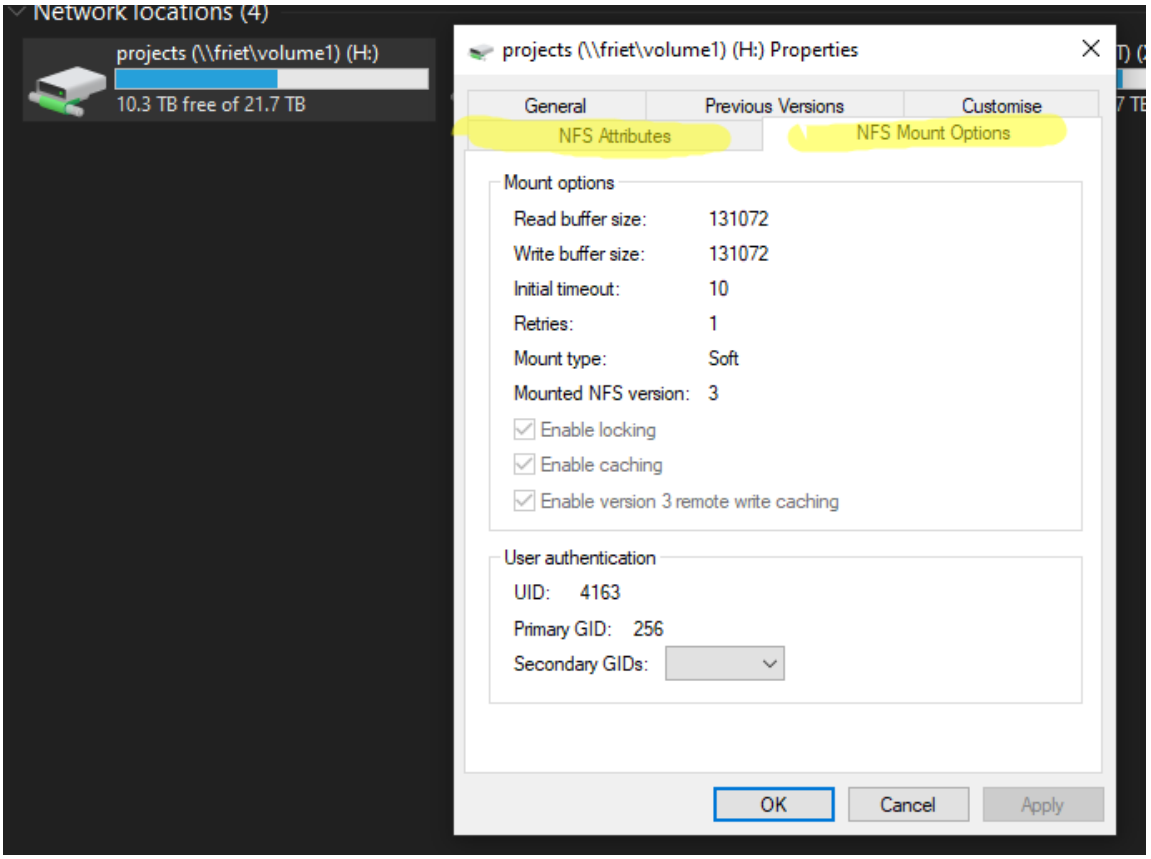
- the ‘Mount path’ on the bottom we will use later to connect to the shared drive
- click *create*
- set your host-name or IP
    - get host-name or IP from cmd-command ***ipconfig /all***
- set *Squash* to *Map all users to admin*
- enable *Allow users to access mounted subfolders*



5 mount shared folder to your machine using the NFS-protocol

- [windows] + [r]
- type ***cmd***
- type ***mount -o anon \\FRIET\volume1\projects H***:
    - where *\\FRIET* is the servername or ip-adress to the server
    - where *\volume1/projects* is the mount path to the shared folder (the same we saw in step 3)
    - where *H:* is the drive-letter you want the share to be mounted to

- right clicking *'properties'* on the mounted drive in explorer will now show these new NFS-tabs, which will mean the drive is indeed mounted using the NFS-protocol.



references:

https://graspingtech.com/mount-nfs-share-windows-10/