

Fix rpcclient for SMB1

This guide is to fix an issue with Kali 2020 where rpcclient fails for SMB1

Failure:

```
kali@kali:~% rpcclient -U "" 192.168.1.124
Cannot connect to server. Error was NT_STATUS_CONNECTION_DISCONNECTED
```

Expected: To see a prompt from rpcclient

```
rpcclient $>
```

ref: <https://pramos.medium.com/fix-older-smb-kali-2020-4ee643ff29be>



The cause is not samba (smb.conf) not having a fallback protocol

Fix smb.conf

1. make a copy of smb.conf

```
sudo cp /etc/samba/smb.conf /etc/samba/smb.conf.bakup
```

2. open smb.conf file

```
sudo nano /etc/samba/smb.conf
```

3. Goto line 30

or anywhere below the `[global]`

should look like this:

```
[global]
## Browsing/Identification ###
# Change this to the workgroup/NT-domain name your Samba server will
part of

workgroup = WORKGROUP
### Networking ###
```

4. add `client min protocol = NT1`
so it looks like this:

```
[global]
## Browsing/Identification ###
# Change this to the workgroup/NT-domain name your Samba server will
part of
workgroup = WORKGROUP
client min protocol = NT1
#### Networking ####
```

5. Hit Ctrl-X and save.

Now run the command: `rpcclient -U "" -N 192.168.1.124`

```
kali@kali:~% sudo rpcclient -U "" -N 192.168.1.124
rpcclient $> querydominfo
Domain: WORKGROUP
Server: METASPLOITABLE
Comment: metasploitable server (Samba 3.0.20-Debian)
Total Users: 35
Total Groups: 0
Total Aliases: 0
Sequence No: 1614590370
Force Logoff: -1
Domain Server State: 0x1
Server Role: ROLE_DOMAIN_PDC
Unknown 3: 0x1
rpcclient $>
```