

# Windows

## Add Network Configuration Operators Group to Windows Home for Wireguard non-admins

In certain circumstances you might need a standard user on a Windows home system to access Wireguard. Here's a hack to get that done.

1. Download psexec from the sysinternals page:  
<https://docs.microsoft.com/en-us/sysinternals/downloads/psexec>
2. Download the nco.reg attachment
3. Open up an administrator console and type `psexec -i -s regedit`.
4. Choose File->Import and select the nco.reg file.
5. Add your user to the group like usual (e.g. `Add-LocalGroupMember -Group "Network Configuration Operators" -Member username`)  
or `net localgroup "Network Configuration Operators" username /add`
6. Reboot

Reg file contents:

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SAM\SAM\Domains\Builtin\Aliases\0000022C]
"C"=hex:2c,02,00,00,00,00,00,00,e8,00,00,00,03,00,01,00,e8,00,00,00,3e,00,00,\
00,00,00,00,00,28,01,00,00,d8,00,00,00,00,00,00,00,02,00,00,1c,00,00,00,\
01,00,00,00,01,00,14,80,c8,00,00,00,d8,00,00,00,14,00,00,00,44,00,00,00,02,\
00,30,00,02,00,00,00,02,c0,14,00,13,00,05,01,01,01,00,00,00,00,01,00,00,\
00,00,02,c0,14,00,ff,ff,1f,00,01,01,00,00,00,00,05,07,00,00,00,02,00,84,\
00,04,00,00,00,00,00,14,00,0c,00,02,00,01,01,00,00,00,00,01,00,00,00,00,\
00,00,18,00,1f,00,0f,00,01,02,00,00,00,00,05,20,00,00,00,20,02,00,00,00,\
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38,00,0c,00,02,00,01,0a,00,00,00,00,00,0f,03,00,00,00,00,04,00,00,de,a2,28,\
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df,2a,f8,0f,01,02,00,00,00,00,00,05,20,00,00,00,20,02,00,00,01,02,00,00,00,\
00,00,05,20,00,00,00,20,02,00,00,4e,00,65,00,74,00,77,00,6f,00,72,00,6b,00,\
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00,6e,00,20,00,4f,00,70,00,65,00,72,00,61,00,74,00,6f,00,72,00,73,00,00,00,\
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00,69,00,73,00,20,00,67,00,72,00,6f,00,75,00,70,00,20,00,63,00,61,00,6e,00,\
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00,6d,00,69,00,6e,00,69,00,73,00,74,00,72,00,61,00,74,00,69,00,76,00,65,00,\
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00,20,00,6e,00,65,00,74,00,77,00,6f,00,72,00,6b,00,69,00,6e,00,67,00,20,00,\
66,00,65,00,61,00,74,00,75,00,72,00,65,00,73,00,01,05,00,00,00,00,00,05,15,\
00,00,00,a8,93,d1,46,16,fe,89,a7,56,ec,96,97,ed,03,00,00
```

```
[HKEY_LOCAL_MACHINE\SAM\SAM\Domains\Builtin\Aliases\Names\Network Configuration Oper
ators]
@=hex(22c):
```

Unique solution ID: #1170

Author: n/a

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