

VPN Galileo

galileo openvpn

Server certificate

[ca.crt](#)

```
-----BEGIN CERTIFICATE-----
MIIE3zCCA8egAwIBAgIJAKI/infDrLaOMA0GCSqGSIb3DQEBCwUAMIGlMQswCQYD
VQQGEwJJVDELMaKGA1UECBMVLlxDzANBgNVBAcTBZlcm9uYTEQMA4GA1UEChMH
R2FsaWxlbzEQMA4GA1UECXMHR2FsaWxlbzETMBEGA1UEAxMKR2FsaWxlbjBDQTEQ
MA4GA1UEKRMRWFzeVJTQTEtMCsGCSqGSIb3DQEJARYec3RlZmFuby5zY2lwaW9u
aUBjc2dhdGlsZW8ub3JnMB4XDTE3MDMyMjE1MDQ0NFoXDTI3MDMyMDE1MDQ0NFow
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Qu70mrXni+ChgaukgagwgaUxCzAJBgNVBAYTAKlUMQswCQYDVQQLIEwJWUJEPMA0G
A1UEBxMGVmVyb25hMRAwDgYDVQQKEwdHYWxpbGVvMRAwDgYDVQQLEwdHYWxpbGVv
MRMwEQYDVQQDEwpHYWxpbGVvIENBMRAwDgYDVQQPEwdFYXN5UlNBMS0wKwYJKoZI
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3/YQ9xlWkXlbp1E030vBMCRp1AnJRsznZATBB4xnJ55ZPG6tEqCVS72j2fKMnCa2
vLW7
-----END CERTIFICATE-----
```

GUI

```
sudo apt install network-manager-openvpn-gnome
sudo service network-manager restart
```

add VPN connection with network manager GUI:

- type: openvpn
- gateway: **vpn.csgalileo.org**
- user: <user>
- pass: <pass>
- CA certificate: <ca.crt>
- in advanced settings check **“Use TCP connection”**
- in route add 10.0.0.0/8 and 185.91.188.0/25

Console

```
sudo apt install openvpn
```

auth.cfg

```
<user>  
<pass>
```

openvpn.conf

```
client  
remote vpn.csgalileo.org 1194  
auth-user-pass auth.cfg  
ca ca.crt  
  
route 10.0.0.0/8 vpn_gateway 3  
route 185.91.188.32/27 vpn_gateway 3  
route 185.91.188.64/27 vpn_gateway 3  
# route 185.91.188.96/27 vpn_gateway 3  
  
dev tun  
proto tcp-client  
remote-cert-tls server  
persist-tun  
persist-key  
auth-nocache
```

go

```
sudo openvpn --config openvpn.conf
```

Connect with

```
./go
```

Winzozz

c:\Program Files\OpenVPN\config\auth_galileo.cfg

```
username
password
```

c:\Program Files\OpenVPN\config\galileo.ovpn

```
client
dev tun
proto tcp-client
remote-cert-tls server

remote vpn.csgalileo.org 1194
route 10.0.0.0 255.0.0.0 vpn_gateway 3
route 185.91.188.0 255.255.255.0 vpn_gateway 3

resolv-retry infinite
nobind
persist-key
persist-tun
verb 3
auth-user-pass auth_galileo.cfg
script-security 3
<ca>
-----BEGIN CERTIFICATE-----
MIIE3zCCA8egAwIBAgIJAKI/infDrLAoMA0GCSqGSIb3DQEBCwUAMIGlMQswCQYD
VQQGEwJJVDELMAkGA1UECBMvIExDzANBgNVBAcTBWZlcm9uYTEQMA4GA1UEChMH
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A1UEBxMGVmVyY25hMRAwDgYDVQQKEwdHYWxpbGVvMRAwDgYDVQQLLEwdHYWxpbGVv
MRAwDgYDVQDEwPHYwXpIENBMRAwDgYDVQQpEwdFYXN5UlNBMS0wKwYJKoZiIhvcNAQkBFh5zdGVmYW5vLnNjaXBpb25pQGNzZ2FsaWxlbz5vcmeCCQCip4p3w6yw
KDAMBgNVHRMERTADAQH/MA0GCSqGSIb3DQEBCwUAA4IBAQAyKf801NFJD0G5bJNn
hy4R7qStYnbELKFosI1KJ40z+ibYZxA0C0yURpacJq9NPYAS/P8SA4LHDjhe3ZIQ
```


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- gateway: **lavagno.csgalileo.org**
- user: galileo
- pass: <pass>
- CA certificate: <lavagno.pem>
- in advanced settings check **“Use TCP connection”**

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