

# VPN Galileo

## pptp

Installare il package networkmanager-pptp

Aggiungere una VPN pptp

VPN galileo

Nome: galileo

Generale  
Gateway: vpn1.csgalileo.org

Autenticazione utente  
Tipo: Password  
Nome utente: [REDACTED]  
Password: [REDACTED]  
 Mostra la password  
Dominio NT: [REDACTED]

 

VPN galileo

Metodo IPv4:  Automatico (DHCP)  Solo link-local  
 Manuale  Disabilita  
 Condivisa con altri computer

DNS: Automatico   
[REDACTED]  
Separare gli indirizzi IP con virgole

Instradamenti: Automatico   
Indirizzo Netmask Gateway Metrica  
[REDACTED]

Usare questa connessione solo per risorse nella sua rete

**Opzioni PPP L2TP** ×

**Autenticazione**

Consentire i seguenti metodi di autenticazione:

- PAP
- CHAP
- MSCHAP
- MSCHAPv2
- EAP

**Sicurezza e compressione**

Usare la cifratura Point-to-Point (MPPE)

Sicurezza: Tutti i disponibili (predefinito) ▾

Consentire la cifratura con stato

Consentire la compressione dati BSD

Consentire la compressione dati Deflate

Usare la compressione delle intestazioni TCP

Use protocol field compression negotiation

Use Address/Control compression

**Echo**

Inviare pacchetti eco PPP

**Varie**

MTU: 1400 - +

MRU: 1400 - +

Annulla OK

## galileo openvpn

Server certificate

[ca.crt](#)

```
-----BEGIN CERTIFICATE-----
MIIDVDCCAjygAwIBAgIIK+uSMAP/qZcwDQYJKoZIhvcNAQELBQAwHDEaMBgGA1UE
AwwRQ0EtVlBOQ090Qy1NRVVDQ0kwHhcNMjEwNzE1MTAxOTQwWhcNMjIwNzE1MTAx
OTQwWjAcMRowGAYDVQQDBFDQS1WUE5DT05DLU1FVUNDSTCCASIwDQYJKoZIhvcN
AQEBBQADggEPADCCAQoCggEBAMpvDbQaXdZ670pKii/b5WuQa3iXxr7A9Z37Yk82
5ezrDlDpG2fzX1L7VHFwP9ICxWl5f4D54k9tf4BjSdkSprCNGZy7m6jjub/6KAQu
0gqys//Ngd8izPAWVT7DT34z5rH8uuSbM/ZpZa+w0AQEQQi3NkVL7il1dN6vBZY
KDyN9xoWgrFN0jnzbB+/dJE/sz6Xz+HGhfMf8sQPg2Bp0hjJNaQ+V3giRlGMQEA
r6hUwr0IYe0/fcP148eFl8pReAMwcw+Ngv3IV53iZq/DrJAWKwWwdwR4gevskVvz
UeFulgcrXN0W+lGM1JWwSwMlCR5E8Q8u/Y2l35rxl4UE7NECAwEAAaOBmTCBljAP
BgNVHRMBAf8EBTADAQH/MA4GA1UdDwEB/wQEAvIBBjAdBgNVHQ4EFgQUGP2aPxrh
8UwB40CsmtunMwXwdjYwLgYDVR0fBCcwJTAjoCGgH4YdaHR0cDovLzk0LjIzMC43
Ni4yL2Nybc8xNC5jcmwwJAYJYIZIAy4QgENBBcWFUdlbmVyYXRlZCBieSBSb3V0
ZXJPUzANBgkqhkiG9w0BAQsFAA0CAQE AJ/9cl1glKLuvHHDXmnz17+bH5ZAW0R7g
KMjY1P2b9eK08mAq4+Gp8/N/suiMBN6hA+WHzbPYurXZgm1tAlI2kZE0XdLti
o2rJ3Z24E/MuxxPGhNQe+l1Qx4v9Cp5Q98NIZh9Hl5KEV4ZvInvXbVxlz0Sz+KN3
R9fWzZrV9Kw0WfLXvPF4n/nLyVL702VDgpPaMmrShI0T0fbh90GcJ/IYDo5FN0C0
v00dg/IddWkJ0LDQLB78MXP6gXrXRhhSCosnASJyoFbX7C+2ouXDMzjDUH/bZbPI
ilkuUqzSXarAg4LqxShPRxfSnX2kUP6IXsDeonX/UwmzrzRd+QZ2w==
-----END CERTIFICATE-----
```

## GUI

ubuntu

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

arch: pacman -S networkmanager-openvpn

add VPN connection with network manager GUI:

- type: openvpn
- gateway: **vpn1.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 185.91.188.32 255.255.255.224 vpn_gateway 3
route 185.91.188.64 255.255.255.224 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
VQQGEwJJVDELMAkGA1UECBMCVlIxDzANBgNVBAcTB1Zlc9uYTEQMA4GA1UEChMH
R2FsaWxlbzEQMA4GA1UECxMHR2FsaWxlbzETMBEGA1UEAxMKR2FsaWxlbyBDQTEQ
MA4GA1UEKRMHRWFzeVJTQTEtMCsGCSqGSib3DQEJARYec3RlZmFuby5zY2lwaW9u
aUBjc2dhbGlsZW8ub3JnMB4XDTE3MDMyMjE1MDQ0NFoXTI3MDMyMDE1MDQ0NFow
gaUxCzAJBgNVBAYTAKlUMQswCQYDVQQIEwJWUjEPMA0GA1UEBxMGVmVyb25hMRAw
DgYDVQQKEwdHYWxpbgVvMRAwDgYDVQQLEwdHYWxpbgVvMRMwEQYDVQQDEwpHYWxp
bGVvIENBMRAwDgYDVQQpEwdFYXN5UlNBMS0wKwYJKoZIhvcNAQkBFh5zdGVmYW5v
LnNjaXBpb25pQGNzZ2FsaWxlby5vcmcwggEiMA0GCSqGSib3DQEBAQUAA4IBDwAw
ggEKAoIBAQDgxKb1D0RrR5kZhTz1oj4ronvQaU8oyBc71y5oxp70XwIEQkw+87WT
lgfeT8fwqec6KIjQr6SJ0hMmIDphYifN1gwseJ4rtLf33WZOsWgWN0eLjxcn354g
M26pWjt3ETP3THUU4dK4Y6T7t7dFJiaIZ0jRg15EIKhsfMZDYRtc15Sc0EBw4G32
TndnWsy+vJRocM0zkniuDnNnI1GJh3M0LK+/nsk0AJ022+vmYJcE3fMsjho2zJgB
qUteWn5pBZm91Q2KQa5W50QYVNPA4wbopQHxhhEXGDDwm+iQsqjBQVK39TQDwBGS
foMxbPZwr17pJGbhHGVNm8DP+XnTltFAgMBAAGjggEOMIIIBCjAdBgNVHQ4EFgQU
6kM1PE0CDJ+cqiazQu70mrXni+AwgdoGA1UdIwSB0jCBz4AU6kM1PE0CDJ+cqiaz
Qu70mrXni+ChgaukgagwgaUxCzAJBgNVBAYTAKlUMQswCQYDVQQIEwJWUjEPMA0G
A1UEBxMGVmVyb25hMRAwDgYDVQQKEwdHYWxpbgVvMRAwDgYDVQQLEwdHYWxpbgVv
MRMwEQYDVQQDEwpHYWxpbgVvIENBMRAwDgYDVQQpEwdFYXN5UlNBMS0wKwYJKoZI
hvcNAQkBFh5zdGVmYW5vLnNjaXBpb25pQGNzZ2FsaWxlby5vcmeCCQCiP4p3w6yw
KDAMBgNVHRMEBTADAQH/MA0GCSqGSib3DQEBCwUAA4IBAQAYKF801NFJD0G5bJNn
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kNGq1ZxCHIsGWhagHFDHru2ct4nKtyEFSAzzy7UAnQITeTBZkEjDENWncdb41+VA
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iCGKzo/9UtjUGiHbxuUv7SimWYB40AhrYR1t0sMLLJU7Bu012PEmxeYK6G1zJuBC
3/YQ9xlWkXlbp1E030vBMCRp1AnJRsznZATBB4xnJ55ZPG6tEqCVS72j2fKMnCa2
vlw7
-----END CERTIFICATE-----
</ca>
```

## Lavagno

[lavagno.pem](#)

```
-----BEGIN CERTIFICATE-----
MIIGATCCA+mgAwIBAgIJALHdThMpwfEhMA0GCSqGSib3DQEBCwUAMIGWMQswCQYD
VQQGEwJJVDE0MAwGA1UECAwFSXRhbHkxDzANBgNVBAcMB1Zlc9uYTEXMBUGA1UE
Cgw0Q29tdW5lIEhdmdFnbm8xHjAcBgNVBAMMFWxhdmFnbm8uY3NnYWxpbgVvLm9y
ZzEtMCsGCSqGSib3DQEJARYec3RlZmFuby5zY2lwaW9uaUBjc2dhbGlsZW8ub3Jn
```

```

MB4XDTE3MDIwODEzMDEzN1oXDTI3MDIwNjEzMDEzN1owgZYxCzAJBgNVBAYTAKLU
MQ4wDAYDVQQIDAVJdGFseTEPMA0GA1UEBwwGVmVyb25hMRcwFQYDVQQKDA5Db211
bmUgTGF2YWdubzEeMBwGA1UEAwvBgf2YWduby5jc2dhbGlsZW8ub3JnMS0wKwYJ
KoZIhvcNAQkBFh5zdGVmYW5vLnNjaXBpb25pQGNzZ2FsaWx1by5vcmcwggIiMA0G
CSqGSIB3DQEBAQUAA4ICDwAwggIKAoICAQCysUSjvrvYifgpS2Yc5q97Gz1FUZw
9Fu04IZqrVXE8Mz8hsCsagql0MmeMo7Y4TFL9gb6IvAv655mCRY3l3KzRzcyg94f
g4VB2SjqU3DhDtzbZUrBW01v9P5oidftxVQbyUrrRJ6QUhlj4Ue1BZWUND8ViT09
xtnxUb8bz9XPxs+f+GUajpA4w2cRGMX3N537dSYujcwSEsRTYndJubPDKcVJ6/3db
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36IBScGNQRHz+UcS0uek7YlgsP/bxiE0ra1D22ZdE0620fMfxoupNEV1B/4CgmhS
I0TpJcRjKfPHmf0pbDcIgw3QEmXcrW9K/sXihk5c7vN2mbiUyWt06/Ihc8xmlUt
8Ilgvh1KSQ02IN9i0bv4KAxL5dVZXmtku6H9LG6UfX/QxCg4/LH2RzwZc00Al35R
3zn7Fy0UKnvWrUuG/0hIiCoS4AgpTTIc9DCI5bA/Yks0n8vz1SIk1Z/vkjJ4LuxF
JkBGBCVl4b8oh0XR5Ecq1Q3Ai1AR/8n4b9ho50wqhioekRSQ6WjHLLn9XYQrEdCN
PxulxnK7eiQtYD6Zn5A8MSvmfqUQ80QQsbMg05YUt0lMxSX6qbZnItF76KYWSbD
72PFSDV24Lrg3wIDAQABo1AwTjAdBgNVHQ4EFgQUdke3u6KNfH6n+1S0wmUmWsB8
h18wHwYDVR0jBBgwFoAUDke3u6KNfH6n+1S0wmUmWsB8h18wDAYDVR0TBauAwEB
/zANBgkqhkiG9w0BAQsFAAOCAgEArtRfwcY2gER3s8uABZBwTe0o5QMDVnbFxWdk
TE1kny0mhUj4tLv0s+sEjP4DHQRnKPpL86tccn3Z4ydS5mKNbbq1mNaslzvl66Zr
fdhExA3uahUexo8wJ8BXL3b7YdQ/AP6kIh2eZ0s1ptj+BKzq0KgFKy9mqdv9jXM/
cseT6+zdt258u8dSSGDrBj/87f1HTUYt1wcjcN0g815v0x0YrcsjyBw/i6hkVZWy
bkByUTzuQSEJNZZwv7SHID1ZlXml0Sw1EoucrmxZAB2EsRLQfivbl536a711mgr8
DNof7+ttWpFBFb+U+G1ipDNhiBiAkhLJMSL7vB5JHcu/YLUGZiVXz0mD1YI812PJ
wECaqp7VfbdBn9kzkpTMTAZqtWg60h1wq+zS094VkNTvS0/Dy8dtukA3BMkI/bwY
fLAfq78Mi6KglFmJF2VSifxW7zynNIVe0DtXGmU0R16FKJfdwNxTZpmMznPviRz
YNmyA6A0gwPolKfwEFsRth0oKdQyZqy0ZeriKoHB0WXkDH26MqMB1NMAzPod0RbK
YrXpcmIE0YSwJnMtW+rqfnIH5mCYvq/SU+csDZr7uWgSMcY3im40f30JJ+ndYyig
aBZVSFSow2dELbQdq0laA/JR1hUk05NExE6KAIC4JNrMzD4b4HxMPcc/yuYLKDb3
Hd9TG/E=
-----END CERTIFICATE-----

```

add VPN connection with network manager GUI:

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

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