

VPN Galileo

pptp

Installare il package networkmanager-pptp

Aggiungere una VPN pptp

The screenshot shows the 'Identità' (Identity) tab of the 'VPN galileo' configuration window. At the top, there are 'Annulla' and 'Applica' buttons. Below the tabs, the 'Nome' field contains 'galileo'. Under the 'Generale' section, the 'Gateway' field is 'vpn1.csgalileo.org'. The 'Autenticazione utente' section has 'Tipo' set to 'Password'. The 'Nome utente' field is redacted with a black box, and the 'Password' field is filled with dots. There is a 'Mostra la password' checkbox which is unchecked. The 'Dominio NT' field is empty. At the bottom, there are two buttons: 'IPsec Settings...' and 'PPP Settings...'.

The screenshot shows the 'IPv4' tab of the 'VPN galileo' configuration window. At the top, there are 'Annulla' and 'Applica' buttons. Below the tabs, the 'Metodo IPv4' section has 'Automatico (DHCP)' selected with a radio button. Other options include 'Solo link-local', 'Manuale', 'Disabilita', and 'Condivisa con altri computer'. The 'DNS' section has an 'Automatico' toggle switch which is turned off. Below it is an empty text field with the instruction 'Separare gli indirizzi IP con virgole'. The 'Instradamenti' section has an 'Automatico' toggle switch which is turned on. Below it are four input fields for 'Indirizzo', 'Netmask', 'Gateway', and 'Metrica', all of which are empty. At the bottom, there is an unchecked checkbox labeled 'Usare questa connessione solo per risorse nella sua rete'.



galileo openvpn

Server certificate

[ca.crt](#)

```
-----BEGIN CERTIFICATE-----
MIIDVCCAjygAwIBAgIiK+uSMAP/qZcwDQYJKoZIhvcNAQELBQAwhDEaMBGGA1UE
AwwRQ0E+VlB0Q090Qy1NRVVDQ0kwHhcNMjEwNzE1MTAxOTQwWhcNMjEwNzE1MTAx
OTQwWjAcMR0wGAYDVQQDDDBFDQS1WUE5DT05DLU1FVUNDSTCCASIdQYJKoZIhvcN
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KDynF9xoWgrFN0jnzBB+/dJE/sz6Xz+HGhfMf8sQPg2Bp0hjJNaQ+V3giRlGMQEA
r6hUwr0IYe0/fcP148eFl8pReAMwcv+Ngv3IV53iZq/DrJAWKwWwdrR4gevskVvz
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ilkuUqzSXarAg4LqxShPRxfSnX2kUP6IXsDeonX/Uwmzrztrd+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-----
MIIEE3zCCA8egAwIBAgIJAKI/infDrLaOMA0GCSqGSIb3DQEBCwUAMIGlMQswCQYD
VQQGEwJJVDELMaKGA1UECBMClIxDzANBgNVBAcTB1Zlcm9uYTEQMA4GA1UEChMH
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vLW7
-----END CERTIFICATE-----
</ca>

```

Lavagno

[lavagno.pem](#)

```

-----BEGIN CERTIFICATE-----
MIIGATCCA+mgAwIBAgIJALHdThMpwfEhMA0GCSqGSIb3DQEBCwUAMIGWMQswCQYD
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```

```

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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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