

## Fernando Tirado Bulnes – 2 ASIR

### CREACIÓN CLAVE PRIVADA

ftirado@nazo:~\$ sudo openssl genrsa 4096 > /etc/ssl/private/nazo.key

### CREACIÓN FICHERO CSR

ftirado@nazo:~\$ openssl req -new -key /etc/ssl/private/nazo.key -out /root/nazo.csr

### REGISTROS DEL SISTEMA TRAS LA CONFIGURACIÓN

```
ftirado@nazo:~$ sudo cat /var/log/openvpn-sputnik.log
[sudo] password for ftirado:
Thu Oct 10 21:35:36 2019 OpenVPN 2.4.7 x86_64-pc-linux-gnu [SSL (OpenSSL)] [LZO] [LZ4] [EPOLL] [PKCS11] [MH/PKTINFO] [AEAD] built on Feb 20 2019
Thu Oct 10 21:35:36 2019 library versions: OpenSSL 1.1.1d 10 Sep 2019, LZO 2.10
Thu Oct 10 21:35:36 2019 WARNING: using --pull/--client and --ifconfig together is probably not what you want
Thu Oct 10 21:35:36 2019 RESOLVE: Cannot resolve host address: sputnik.gonzalonazareno.org:1194 (Name or service not known)
Thu Oct 10 21:35:36 2019 RESOLVE: Cannot resolve host address: sputnik.gonzalonazareno.org:1194 (Name or service not known)
Thu Oct 10 21:35:36 2019 Could not determine IPv4/IPv6 protocol
Thu Oct 10 21:35:36 2019 SIGUSR1[soft,init_instance] received, process restarting
Thu Oct 10 21:35:41 2019 RESOLVE: Cannot resolve host address: sputnik.gonzalonazareno.org:1194 (Name or service not known)
Thu Oct 10 21:35:41 2019 RESOLVE: Cannot resolve host address: sputnik.gonzalonazareno.org:1194 (Name or service not known)
Thu Oct 10 21:35:41 2019 Could not determine IPv4/IPv6 protocol
Thu Oct 10 21:35:41 2019 SIGUSR1[soft,init_instance] received, process restarting
Thu Oct 10 21:35:46 2019 RESOLVE: Cannot resolve host address: sputnik.gonzalonazareno.org:1194 (Name or service not known)
Thu Oct 10 21:35:46 2019 RESOLVE: Cannot resolve host address: sputnik.gonzalonazareno.org:1194 (Name or service not known)
Thu Oct 10 21:35:46 2019 Could not determine IPv4/IPv6 protocol
Thu Oct 10 21:35:46 2019 SIGUSR1[soft,init_instance] received, process restarting
Thu Oct 10 21:35:51 2019 RESOLVE: Cannot resolve host address: sputnik.gonzalonazareno.org:1194 (Name or service not known)
Thu Oct 10 21:35:51 2019 RESOLVE: Cannot resolve host address: sputnik.gonzalonazareno.org:1194 (Name or service not known)
Thu Oct 10 21:35:51 2019 Could not determine IPv4/IPv6 protocol
Thu Oct 10 21:35:51 2019 SIGUSR1[soft,init_instance] received, process restarting
Thu Oct 10 21:35:56 2019 RESOLVE: Cannot resolve host address: sputnik.gonzalonazareno.org:1194 (Name or service not known)
Thu Oct 10 21:35:56 2019 RESOLVE: Cannot resolve host address: sputnik.gonzalonazareno.org:1194 (Name or service not known)
Thu Oct 10 21:35:56 2019 Could not determine IPv4/IPv6 protocol
Thu Oct 10 21:35:56 2019 SIGUSR1[soft,init_instance] received, process restarting
Thu Oct 10 21:36:06 2019 TCP/UDP: Preserving recently used remote address: [AF_INET]92.222.86.77:1194
Thu Oct 10 21:36:06 2019 Attempting to establish TCP connection with [AF_INET]92.222.86.77:1194 [nonblock]
Thu Oct 10 21:36:07 2019 TCP connection established with [AF_INET]92.222.86.77:1194
Thu Oct 10 21:36:07 2019 TCP_CLIENT link local: (not bound)
Thu Oct 10 21:36:07 2019 TCP_CLIENT link remote: [AF_INET]92.222.86.77:1194
Thu Oct 10 21:36:07 2019 [sputnik.gonzalonazareno.org] Peer Connection Initiated with [AF_INET]92.222.86.77:1194
Thu Oct 10 21:36:09 2019 TUN/TAP device tun0 opened
Thu Oct 10 21:36:09 2019 /sbin/ip link set dev tun0 up mtu 1500
Thu Oct 10 21:36:09 2019 /sbin/ip addr add dev tun0 local 172.23.0.94 peer 172.23.0.93
Thu Oct 10 21:36:09 2019 WARNING: this configuration may cache passwords in memory -- use the auth-nocache option to prevent this
Thu Oct 10 21:36:09 2019 Initialization Sequence Completed
```

### PING 172.22.0.1

```
ftirado@nazo:~$ ping 172.22.0.1
PING 172.22.0.1 (172.22.0.1) 56(84) bytes of data.
64 bytes from 172.22.0.1: icmp_seq=1 ttl=63 time=470 ms
64 bytes from 172.22.0.1: icmp_seq=2 ttl=63 time=78.1 ms
64 bytes from 172.22.0.1: icmp_seq=3 ttl=63 time=78.4 ms
^C
--- 172.22.0.1 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 5ms
rtt min/avg/max/mdev = 78.088/208.824/470.004/184.682 ms
```