

## hq.dreaminfo.biz 설정

우선, 루트인증기관에서 CN=vpn.dreaminfo.biz 인증서 발급.

```
root@hq:~# apt-get install openvpn
```

```
root@hq:~# cp /usr/share/doc/openvpn/examples/sample-config-files/server.conf.gz /etc/openvpn
```

(위 경로를 외우기 어렵다면 “find / -name server.conf.gz”으로 gz파일이 위치한 경로를 알아낸 다음 openvpn디렉터리로 옮겨준다.)

```
root@hq:~# cd /etc/openvpn
```

```
root@hq:/etc/openvpn# gunzip server.conf.gz
```

```
root@hq:/etc/openvpn# mkdir ./crt
```

```
root@hq:/etc/openvpn# scp root@ca.worldsign.org:/certs/hq.dreaminfo.biz.\* ./crt/
```

```
hq.dreaminfo.biz.crt
```

```
hq.dreaminfo.biz.csr
```

```
root@hq:/etc/openvpn# openssl dhparam -out ./crt/dh1024.pem 1024
```

```
root@hq:/etc/openvpn# vim server.conf
```

```
52 ;dev tap
53 dev tun1
54
```

```
78 ca /etc/ssl/certs/worldsign-CA.pem
79 cert /etc/openvpn/crt/hq.dreaminfo.biz.crt
80 key /etc/openvpn/crt/hq.dreaminfo.biz.key #
81
82 # Diffie hellman parameters.
83 # Generate your own with:
84 #   openssl dhparam -out dh1024.pem 1024
85 # Substitute 2048 for 1024 if you are using
86 # 2048 bit keys.
87 dh /etc/openvpn/crt/dh1024.pem
```

```
95 # ethernet bridging. See the man page for more info.
96 server 192.168.0.8 255.255.255.248
```

```
136 push "route 192.168.0.0 255.255.255.0"
137 push "route 192.168.1.0 255.255.255.0"
138 push "route 172.16.0.0 255.255.255.0"
```

```
195 # DNS servers provided by opendns.com.
196 push "dhcp-option DNS 172.16.0.1"
197 ;push "dhcp-option DNS 208.67.220.220"
```

```
251 # enable it in the client config file.  
252 ;comp-lzo  
253
```

```
299 # category will be output to the log.  
300 ;mute 20  
301 plugin /usr/lib/openvpn/openvpn-plugin-auth-pam.so login  
302 client-cert-not-required
```

root@hq:~# systemctl restart openvpn

root@hq:~# systemctl status [openvpn@server.service](#) // 에러 없이 정상적으로 작동해야 함.

root@hq:~# netstat -nl | grep 1194 //1194 포트가 정상적으로 작동해야 함. 1194번이 안 올라왔으면 머신을 재 부팅하던가 인증서 유효기간 확인 및 cdp 정상 접근 확인. 정상적이라면 재 부팅 후 1194번 올라옴.

Remote.worldsign.org 설정

openvpn GUI 패키지 설치

