



## ← Install cjdns

[edit on github](#)

### Install

#### Install Dependencies

```
sudo apt-get install nodejs git build-essential python2.7
```

Next, clone the repo and build!

```
git clone https://github.com/cjdelisle/cjdns.git
cd cjdns
./do
```

Now, check `bash ./cjdroute`

Make sure you got the swag.

```
LANG=C cat /dev/net/tun
```

If it says: `cat: /dev/net/tun: File descriptor in bad state` Good!

If it says: `cat: /dev/net/tun: No such file or directory`, create it using:

```
sudo mkdir -p /dev/net &&
sudo mknod /dev/net/tun c 10 200 &&
sudo chmod 0666 /dev/net/tun
```

After a little wait, the build should finish successfully. Now we want to configure cjdns to run as a daemon, so let's create a link to the binary, generate a configuration file, and copy over the service file.

```
ln -s /opt/cjdns/cjdroute /usr/bin
(umask 077 && ./cjdroute --genconf > /etc/cjdroute.conf)
cp contrib/systemd/cjdns.service /etc/systemd/system/
```

Now that we have that, we can configure it in nano `/etc/cjdroute.conf` and enable it for automatic start on boot.

```
systemctl enable cjdns
systemctl start cjdns
```

You will connect automatically with WiFi, but you can peer over the Internet too! See more at the [Whitepaper](#) and the [README!](#)

[github.com/hyperboria/docs](https://github.com/hyperboria/docs)

[CJDNS Whitepaper](#)

[CJDNS GITHUB](#)

This article was contributed by [kylerschin](#).

