How to Setup a Chainlink Node

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Steps

Install Docker on Debian

```
curl -sSL https://get.docker.com/ | sh
sudo usermod -aG docker $USER
exit
# log in again
```

Create a Directory for Chainlink Data

```
mkdir ~/.chainlink
```

Create ENV file for ChainLink

```
ROOT=/chainlink
LOG_LEVEL=debug
ETH_CHAIN_ID=3
MIN_OUTGOING_CONFIRMATIONS=2
LINK_CONTRACT_ADDRESS=0x20fe562d797a42dcb3399062ae9546cd06f63280
CHAINLINK_TLS_PORT=0
SECURE_COOKIES=false
ALLOW_ORIGINS=*
DATABASE_TIMEOUT=0
ETH_DISABLED=true
FEATURE_EXTERNAL_INITIATORS=true
CHAINLINK_DEV=true
```

Setup Remote Postgres Database

We will be using heroku postgress database, Here is the link of the [How to Setup Heroku Remote Postgress Database](#).

After the tutorial, you should get the URI of yoour postgresql. You need to replace the `postgresql....` with your postgressql URI

```
# Writing the DATABASE_URL to chainlink env setup file.
echo "DATABASE_URL=postgresql://$USERNAME:$PASSWORD@$SERVER:$PORT/$DATABASE"
>> ~/.chainlink/.env
```

Run the Chainlink Node

Currently Running Chainlink `0.9.4`

```
cd ~/.chainlink && docker run -p 6688:6688 -v ~/.chainlink:/chainlink -it --
env-file=.env smartcontract/chainlink:0.9.4 local n
```

References

https://docs.chain.link/docs/running-a-chainlink-node