

Installation Backend remote-jammer

- Application

1. Clone Backend Jammer Repository

```
git clone https://github.com/riskikukuh/be-drone-jammer.git
```

2. Install PostgreSQL

```
sudo apt update
sudo apt install postgresql postgresql-contrib # Install postgresql
sudo systemctl start postgresql.service # Start PostgreSQL service
```

3. Login to PostgreSQL

```
sudo -i -u postgres
psql # Start postgresql CLI
CREATE DATABASE remote_jammer; # Create database

CREATE USER <username> WITH PASSWORD '<password>'; # Create new user for
interacting with postgre
GRANT ALL PRIVILEGES ON DATABASE remote_jammer to <username>; # Give
full access database remote_jammer to <username>
```

4. Install node modules

```
npm install
```

5. Setup file environment (.env)

```
# Server Configuration
HOST=0.0.0.0
PORT=8000

# PostgreSQL Configuration
PGUSER=<< Your Username >>
PGHOST=<< Your Host >>
PGPASSWORD=<< Password >>
PGDATABASE=<< Database name created before >>
PGPORT=5432
```

6. Run migrations

```
npm run migrate
```

7. Start server

```
npm run start-dev # for Development purposes
npm run start-prod # for Deployment purposes
```

- Deployment with NGROK

1. Install NGROK (Linux)

```
sudo tar xvzf ~/Downloads/ngrok-v3-stable-linux-amd64.tgz -C
/usr/local/bin
```

2. Check installation (optional)

```
ngrok --version # if bash returned version of ngrok, it means
installation ngrok success
```

3. Run deployment with NGROK

```
sudo ngrok http 8000 # 8000 is server port
```

```
Session Status      online
Account             Riski Kuku (Plan: Free)
Version             3.0.7
Region             Asia Pacific (ap)
Latency             34ms
Web Interface       http://127.0.0.1:4040
Forwarding           https://8fcd-125-160-102-169.ap.ngrok.io -> h

Connections         ttl    opn    rt1    rt5    p50    p90
                   0      0      0.00   0.00   0.00   0.00
```

4. Done