



1. Launch the product via 1-click. Once the instance passes all status checks and is running, you can connect using your Amazon private key and 'ubuntu' login via SSH.

### What's included

- Prebuilt **Strapi v5** on **Node 20 LTS** at `/opt/strapi/myapp`
- First boot auto-generates secure secrets
- Runs as a systemd service: `strapi` (production mode)
- (If enabled) Nginx reverse proxy on port 80

### Open ports (Security Group)

- With Nginx: **80** (and **443** if you later add TLS)
- Direct (no Nginx): **1337**
- SSH: **22** (optional)

### First boot

1. Wait ~10–20s after the instance shows “running.”
2. Check service:

```
sudo systemctl status strapi  
sudo journalctl -u strapi -n 100 --no-pager
```

3. Open the admin:
  - Direct: **`http://Your_Instance_IP:1337/admin`**
  - Create your admin account on first visit.

### Paths & files

- App: `/opt/strapi/myapp`
- Env file: `/opt/strapi/myapp/.env` (auto-created on first boot)
- Media uploads: `/opt/strapi/myapp/public/uploads`
- Default DB (SQLite): `/opt/strapi/myapp/.tmp/data.db`

### Service management

- **`sudo systemctl restart strapi`**
- **`sudo systemctl stop/start strapi`**
- **`sudo journalctl -u strapi -f`**

### Upgrading the app

```
cd /opt/strapi/myapp  
npm ci  
npm run build  
sudo systemctl restart strapi
```

### Add HTTPS (if using Nginx)

```
sudo apt-get install -y certbot python3-certbot-nginx  
sudo certbot --nginx -d yourdomain.com -d www.yourdomain.com
```

## Allocate Elastic IP

To ensure that your instance **keeps its IP during restarts** that might happen, configure an Elastic IP. From the EC2 console:

1. Select ELASTIC IPs.
2. Click on the ALLOCATE ELASTIC IP ADDRESS.
3. Select the default (Amazon pool of IPv4 addresses) and click on ALLOCATE.
4. From the ACTIONS pull down, select ASSOCIATE ELASTIC IP ADDRESS.
5. In the box that comes up, note down the Elastic IP Address, which will be needed when you configure your DNS.
6. In the search box under INSTANCE, click and find your INSTANCE ID and then click ASSOCIATE.
7. Your instance now has an elastic IP associated with it.
8. For additional help: <https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/elastic-ip-addresses-eip.html>