



## Usage instructions:

1. Launch the product via 1-click. **Please wait until** the instance passes **all** status checks and is running. You can connect using your Amazon private key and '**ubuntu**' login via your SSH client.

To update software, use: **sudo apt-get update**

2. Change directories.

- Scroll down to the “Datastore” section and in the **pg\_host** and add your Instance Public IP address.
- Add the database password to the **pg\_password** section. The password is: **kong**

**cd /etc/kong**

**sudo nano /etc/kong/kong.conf**

```
database = postgres           # Determines the database (or no database) for
                              # this node
                              # Accepted values are `postgres` and `off`.

pg_host = Your IP Address     # Host of the Postgres server.
pg_port = 5432                # Port of the Postgres server.
pg_timeout = 5000            # Defines the timeout (in ms), for connecting,
pg_user = kong                # Postgres user.
pg_password =                 # Postgres user's password.
pg_database = kong           # The database name to connect to.
```

- **Exit & Save**

3. Replace your Instance IP address to the **pg\_hba.conf** line. **Note: Include line with /32**

**cd /etc/postgresql/14/main**

**sudo nano pg\_hba.conf**

```
GNU nano 6.2 pg h
# "local" is for Unix domain socket connections only
local all all peer
# IPv4 local connections:
host all all 127.0.0.1/32 scram-sha-256
# IPv6 local connections:
host all all ::1/128 scram-sha-256
# Allow replication connections from localhost, by a user with the
# replication privilege.
local replication all peer
host replication all 127.0.0.1/32 scram-sha-256
host replication all ::1/128 scram-sha-256
host all all 18.212.42.9/32 md5
```

4. Restart the database. Run the following command:

```
sudo systemctl restart postgresql
sudo systemctl status postgresql
```

5. Start Kong:

```
cd /etc/kong
sudo kong migrations bootstrap
sudo kong start
```

```
ubuntu@ip-10-0-0-77:/etc/kong$ sudo kong start
2023/08/29 17:49:33 [warn] ulimit is currently set to "1024".
2023/08/29 17:49:33 [warn] ulimit is currently set to "1024".
Kong started
ubuntu@ip-10-0-0-77:/etc/kong$
```

6. Now, you can start Konga GUI using Docker. Use the following command.

```
sudo docker run -p 1337:1337 -d --name konga_new pantsel/konga
```

```
ubuntu@ip-10-0-0-77:~$ sudo docker run -p 1337:1337 -d --name konga_new pantsel/konga
3a82e00df6f22673787d3333blddfb838a3fc8e8a7663eaa022d059225363c4c
ubuntu@ip-10-0-0-77:~$
```

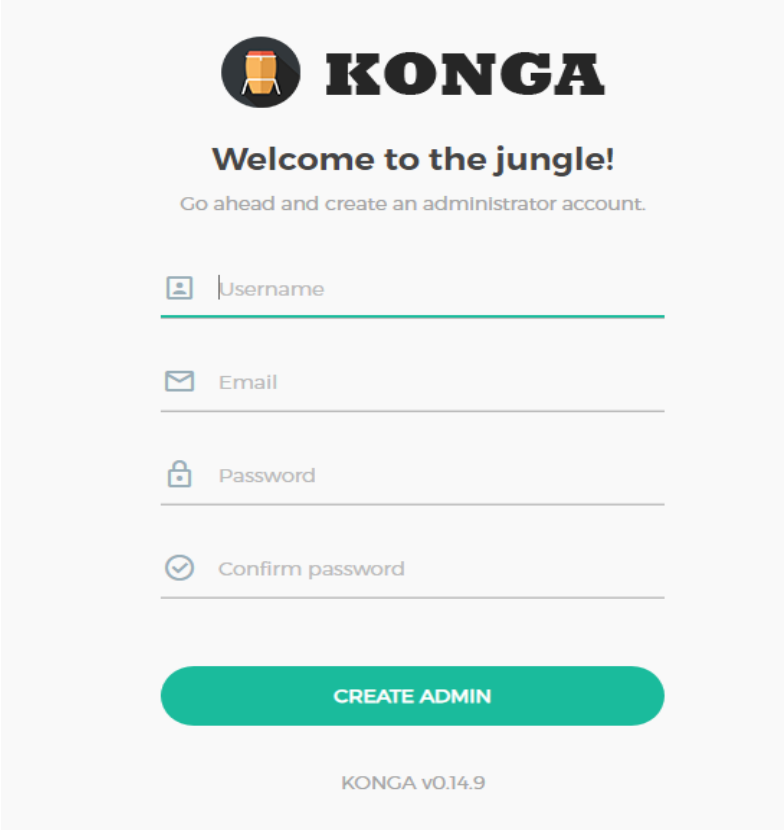
- Check docker:


```
sudo docker ps
```

7. In browser go to You Instance IP with 1337

- <http://your instance public ip:1337>

8. Setup your Konga GUI



 **KONGA**

**Welcome to the jungle!**  
Go ahead and create an administrator account.

Username

Email

Password

Confirm password

**CREATE ADMIN**

KONGA v0.14.9

## **Other: AWS Data**

- Data Encryption Configuration: This solution does not encrypt data within the running instance.
- User Credentials are stored: /root/.ssh/authorized\_keys & /home/ubuntu/.ssh/authorized\_keys
- Monitor the health:
  - Navigate to your Amazon EC2 console and verify that you're in the correct region.
  - Choose Instance and select your launched instance.
  - Select the server to display your metadata page and choose the Status checks tab at the bottom of the page to review if your status checks passed or failed.

## **Extra Information: (Optional)**

### **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>