



User Instructions:

1. Follow all the configurations steps according to your needs.
2. Create your Key Pair and save the file for SSH entry to your server.
3. Launch your instance. Wait until the instance passes all the status checks.
4. To access the AMI, ssh to the instance with your EC2 keypair and use login “**ubuntu**”.
5. Login into the root directory (/home/ubuntu) , use command:

```
sudo su
```

6. Next log into the Plausible directory run:

```
cd /opt/plausible
```

7. Inside that directory, **COPY the Password**, generate it by using:

```
openssl rand 64 | base64 -w 0 ; echo
```

8. Next, edit the Plausible environment configuration file and define your email, admin username, password, and secret key:

```
sudo nano plausible-conf.env
```

The file contains five variables that **you'll need to fill in:**

- Note: You can use a domain name or your instance Public IP for Base URL
- Enter secret key from the earlier step.
- Password must be **6** characters

```
plausible-conf.env  
  
ADMIN_USER_EMAIL=your_email_here  
ADMIN_USER_NAME=admin_username  
ADMIN_USER_PWD=admin_password  
BASE_URL=https://your_domain_here  
SECRET_KEY_BASE=paste_your_random_characters_here
```

For example:

```
ADMIN_USER_PWD=123456
BASE_URL=http://54.86.132.119
SECRET_KEY_BASE=yuVteQexGsEqnhDvxR+GyCfze2oM1A0SKPWuiczbpzI4bg02zgAIcqKa4jFsYz0opAgWrcRSI9i09y/iaHytsA==
```

9. Save & Exit

10. Next, create the containers in the background and detach from our terminal session:

```
sudo docker-compose up --detach
```

- The app container and all of its supporting mail and database containers should now be running.

```
Output
...
Starting plausible_plausible_events_db_1 ... done
Starting plausible_plausible_db_1 ... done
Starting plausible_mail_1 ... done
Starting plausible_plausible_1 ... done
```

- You can check to see if all the running containers with the following command:

```
docker ps
```

11. Finally configure NGINX. Update **“server_name”** to either your instance PublicIP address or domain name.

Exit prompt and return to **sudo su** and enter the following command:

```
sudo nano /etc/nginx/sites-available/plausible.conf
```

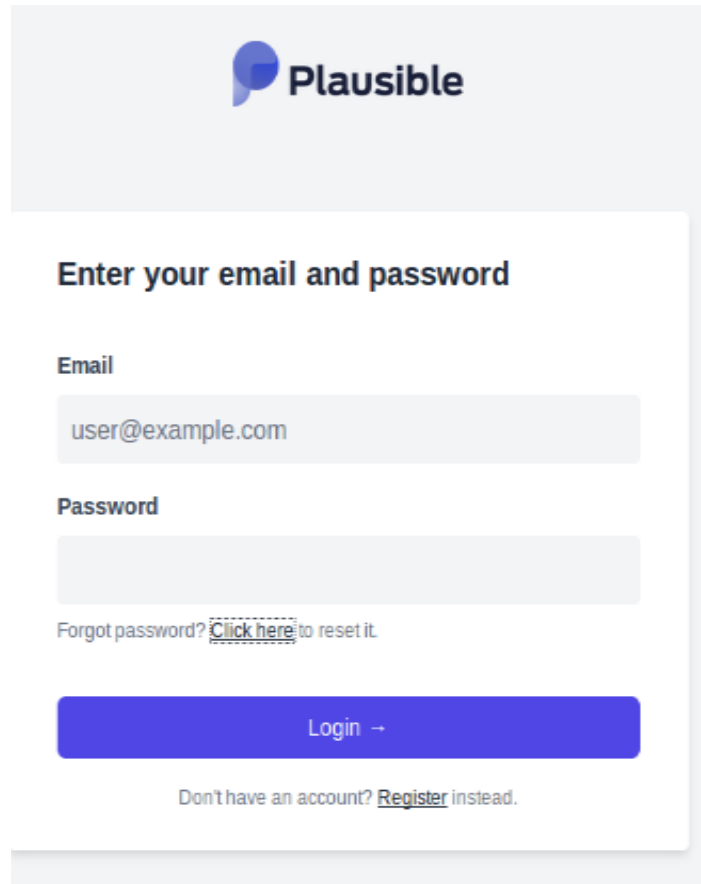
12. Save & Exit

13. You can check nginx use: **sudo systemctl status nginx**

14. You can check syntax is correct: **sudo nginx -t**

15. Reload nginx: **sudo systemctl reload nginx**

16. In browser, go to: http://your_domain_here or <http://YourPublicIP>

The image shows a login form for Plausible. At the top is the Plausible logo, which consists of a blue speech bubble icon followed by the word "Plausible" in a bold, sans-serif font. Below the logo is a white rectangular box with a light gray border. Inside this box, the text "Enter your email and password" is centered at the top. Underneath, there are two input fields. The first is labeled "Email" and contains the text "user@example.com". The second is labeled "Password" and is currently empty. Below the password field, there is a link that says "Forgot password? Click here to reset it." At the bottom of the form is a blue button with the text "Login →". Below the button, there is a link that says "Don't have an account? Register instead."

Optional:

1. In your AWS Console assign an **Elastic IP** address.

See: <https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/elastic-ip-addresses-eip.html>

2. To install Certbot and Setting Up SSL Certificates, use:

```
sudo apt install certbot python3-certbot-nginx
```

```
sudo certbot --nginx -d your_domain_here
```

You'll be prompted to agree to the Let's Encrypt terms of service, and to enter an email address.

Afterwards, you'll be asked if you want to redirect all HTTP traffic to HTTPS. It's up to you, but this is generally recommended and safe to do.

Certbot will automatically reload Nginx to get the new configuration and certificate. When you reload the site, it will automatically switch to HTTPS if you select the redirect option.

By default, this email is sent directly from the server. This can cause problems due to various anti-spam measures. If you do not receive the email, please check your junk email folder. If it's not there either, you'll need to set up more appropriate SMTP details in the `plausible-conf.env` file. See [the official Plausible self-hosting documentation](#) for details on mail configuration.