Here I will be instructing on how to deploy the flask project to linux server on linode this will be same for any linux based system or any bash terminal

1.  Launch your linux server

2.  From here I will be instructing on how to move flask-project to the server through ssh

3.  ssh user@ip:address

4.  sudo ufw default allow outgoing

5.  sudo ufw default deny incoming

6.  sudo ufw allow ssh

7.  sudo ufw allow 5000

8.  Here i have used ssh to transfer file from local system to linux server although any other software like filezilla can be used to transfer file to the cloud server.

9.   Scp -r file on local system user@ip:~/

10. You can virtual env (it’s preferred too)

11. Install all the libraries in requirements.txt

Pip install -r requirements.txt

12. If there are some errors then delete those libraries from requirements.txt and install them individually

13. Sudo apt install nginx

14. Pip install gunicorn

15. Sudo rm /etc/nginx/sites-enabled/default

16. Sudo nano /etc/nginx/sites-enabled/flaskproject

17 . enter this :

server {

    listen 80;

    server\_name YOUR\_IP\_OR\_DOMAIN;

    location / {

        proxy\_pass http://localhost:8000;

        include /etc/nginx/proxy\_params;

        proxy\_redirect off;

    }}

18. If using virtual env then activate it and cd to directory where run.py is present (inside flask-project).

19. Now execute

Gunicorn -w 3 run:app

And it’s done our project is deployed on the URL of of the server you can get it different domain also

For more detailed steps follow this tutorial

<https://www.youtube.com/watch?v=goToXTC96Co&list=PL-osiE80TeTs4UjLw5MM6OjgkjFeUxCYH&index=13>