为了避免在ip中指定端口，我们需要使用一个web server 来监听请求以及端口转发。这个web server 我们使用nginx

sudo apt install nginx 安装nginx；

sudo service nginx start 启动服务

sudo vim /etc/nginx/sites-available/mysite\_nginx.conf 创建conf文件

# mysite\_nginx.conf

# the upstream component nginx needs to connect to

upstream django {

# server unix:///home/ubuntu/demo/mysite/mysite.sock; # for a file socket

server 127.0.0.1:8001; # for a web port socket (we'll use this first)

}

# configuration of the server

server {

# the port your site will be served on

listen 8000;

# the domain name it will serve for

server\_name 43.142.112.65 ; # substitute your machine's IP address or FQDN

charset utf-8;

# max upload size

client\_max\_body\_size 75M; # adjust to taste

# Django media

location /media {

alias /home/ubuntu/demo/mysite/media; # your Django project's media files - amend as required

}

location /static {

alias /home/ubuntu/demo/mysite/static; # your Django project's static files - amend as required

}

# finally,send all non-media requests to the Django server

location / {

uwsgi\_pass django;

include /home/ubuntu/demo/mysite/uwsgi\_params; # the uwsgi\_params file you installed

}

}

~

~

配置软连接：sudo ln -s /etc/nginx/sites-available/mysite\_nginx.conf /etc/nginx/sites-enabled/

并查看一下：ll /etc/nginx/sites-enabled/

在mysite文件下创建文件：sudo vim uwsgi\_params

uwsgi\_param QUERY\_STRING $query\_string;  
uwsgi\_param REQUEST\_METHOD $request\_method;  
uwsgi\_param CONTENT\_TYPE $content\_type;  
uwsgi\_param CONTENT\_LENGTH $content\_length;  
uwsgi\_param REQUEST\_URI $request\_uri;  
uwsgi\_param PATH\_INFO $document\_uri;  
uwsgi\_param DOCUMENT\_ROOT $document\_root;  
uwsgi\_param SERVER\_PROTOCOL $server\_protocol;  
uwsgi\_param REQUEST\_SCHEME $scheme;  
uwsgi\_param HTTPS $https if\_not\_empty;  
uwsgi\_param REMOTE\_ADDR $remote\_addr;  
uwsgi\_param REMOTE\_PORT $remote\_port;  
uwsgi\_param SERVER\_PORT $server\_port;  
uwsgi\_param SERVER\_NAME $server\_name;

打开setting.py文件，在最下面配置静态文件和媒体文件路径：sudo vim mysite/settings.py

STATIC\_URL = '/static/'

STATIC\_ROOT = BASE\_DIR/'static'

MEDIA\_URL = '/media/'

MEDIA\_ROOT = BASE\_DIR/'media'

使用collectstatic指令完成静态文件的复制和映射：python manage.py collectstatic

创建media文件夹：mkdir media

数据库部分：

安装依赖：sudo apt install libmysqlclient-dev

安装mysqlclient：pip install mysqlclient -i <https://pypi.doubanio.com/simple/>

uwsgi自动启动：

创建systemd service file:

sudo vim /etc/systemd/system/server\_uwsgi.service

输入：

[Unit]

Description=uwsgi emperor for mysite website

After=network.target

[Service]

User=ubuntu

Restart=always

ExecStart=/home/ubuntu/demo/bin/uwsgi --ini /home/ubuntu/demo/mysite/mysite\_uwsgi.ini

[Install]

WantedBy=multi-user.target

执行：systemctl enable /etc/systemd/system/server\_uwsgi.service