1. **阿里云购买服务器和域名及安全组配置**
2. **ICP和公网备案**
3. **使用cmder远程登陆服务器及密钥登录安全性配置**

adduser zyqr

passwd zyq

gpasswd -a zyq wheel

su -l yu

ssh-keygen

ls -la ~/.ssh

cd .ssh

cat ~/.ssh/id\_rsa.pub

vi authorized\_keys

chmod 600 ~/.ssh/authorized\_keys

sudo vi /etc/ssh/sshd\_config

PermitRootLogin yes

sudo systemctlreload sshd

ls ~/.ssh

cat ~/.ssh/authorized\_keys

1. **nginx安装配置及ssl证书获取**

sudo dnf install nodejs

npm config get registry

npm set registry <https://registry.npmmirror.com>

[npm使用国内淘宝镜像（最新地址）\_npm最新淘宝镜像-CSDN博客](https://blog.csdn.net/chaoPerson/article/details/136121885)

sudo dnf install nginx -y

sudo systemctl enable nginx

sudo systemctl start nginx

sudo systemctl stop nginx

sudo systemctl status nginx

cd /etc/nginx

vi /etc/nginx/nginx.conf

[免费申请 Let‘s Encrypt SSL 证书\_letsencrypt证书申请-CSDN博客](https://blog.csdn.net/qyhua/article/details/143793029)

sudo nginx -t

nginx -s reload

1. **github项目下载及本地查看调试项目**

npm install

npm run dev

<http://localhost:3000/>

1. **github创建仓库与本地连接及git基本命令**

cat ~/.ssh/id\_rsa.pub

git init

git status

git checkout -b

git checkout

git add .

git commit -m ''

git log

git log --oneline

git merge

git remote add origin [git@github.com:spongeYuqi/sponge.git](mailto:git@github.com:spongeYuqi/sponge.git)

git remote -v

git push origin yu

1. **项目修改基本操作及思路**

不懂就扔给AI，模版套用，填坑npm run dev 调试

替换一定重命名！！！保证刷新

学会利用一切工具辅助

图标网址

<https://react-icons.github.io/react-icons/>

<https://fontawesome.com/>

<https://lucide.dev/icons/>

<https://icons.getbootstrap.com/>

<https://heroicons.com/outline>

1. **github拉取项目至服务器并使用PM2启动及后期维护（最终章）**

/home/yuqi/document/version\_01下git clone(创建目录用mkdir)

git clone -b develop https://github.com/spongeYuqi/sponge.git .

npm install

npm install pm2 -g

npm run build

pm2 start npm --name "my-nextjs-app" -- start

pm2 list

pm2 startup

pm2 save

问题1:403 Forbidden

nginx没有权限访问项目文件

nginx加入yuqi组

sudo usermod -a -G yuqi nginx

sudo chmod g+x /home/yuqi

groups nginx

问题2：npm run build内存不够

# 创建一个2GB大小的交换文件 sudo fallocate -l 2G /swapfile

# 设置正确的权限 sudo chmod 600 /swapfile

# 设置交换文件并启用它 sudo mkswap /swapfile sudo swapon /swapfile

# 验证交换空间是否已启用 sudo swapon --show

# 为了确保重启后依然有效，编辑/etc/fstab文件并在末尾添加一行

echo '/swapfile none swap sw 0 0' | sudo tee -a /etc/fstab

# 使用增加的最大堆大小选项运行构建命令 NODE\_OPTIONS="--max-old-space-size=2048" （或者4096等）

npm run build

【后期维护】

本地：

git add .

git commit -m '提交名称'

git push origin 分支名

服务器：

git pull origin 分支名

NODE\_OPTIONS="--max-old-space-size=2048"

npm run build

pm2 restart my-nextjs-app

sudo systemctl restart nginx