**服务器列表：**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 序号 | 服务器名称 | 服务器IP | 服务器作用 | 开通端口 | 备注 |
| 1 | nginx | 192.168.18.156 | 搭建nginx | 80,443 |  |

说明：以上服务器端口，需开通。

nginx安装包：nginx-1.12.2.tar.gz 绿色免安装版

依赖包：gcc-c++、pcre、pcre-devel、zlib-devel、openssl-devel

**部署nginx步骤：**

1.使用root用户登录服务器

2.添加nginx用户及用户组

groupadd nginx

useradd -g nginx nginx

3.mkdir -p /home/software/nginx

4.把nginx-1.12.2.tar.gz上传到服务器/home/software/nginx

5.cd /home/software/nginx

6.tar zxvf nginx-1.12.2.tar.gz

7.cd nginx-1.12.2

8.编译安装nginx

./configure --prefix=/usr/local/nginx --conf-path=/etc/nginx/nginx.conf --user=nginx --group=nginx --error-log-path=/var/log/nginx/error.log --http-log-path=/var/log/nginx/access.log --pid-path=/var/run/nginx/nginx.pid --lock-path=/var/lock/nginx.lock --with-http\_ssl\_module --with-http\_stub\_status\_module --with-http\_gzip\_static\_module --http-client-body-temp-path=/var/tmp/nginx/client --http-proxy-temp-path=/var/tmp/nginx/proxy --http-fastcgi-temp-path=/var/tmp/nginx/fastcgi --http-uwsgi-temp-path=/var/tmp/nginx/uwsgi

make && make install

9.创建目录

mkdir -pv /var/tmp/nginx/{client,proxy,fastcgi,uwsgi}

**部署nginx的https步骤：**

1.使用root用户登陆服务器

2.cd /etc/nginx/ssl/

3.生成CA证书

openssl genrsa -des3 -out server.key 2048

输入两次密码

openssl rsa -in server.key -out server.key

openssl req -new -key server.key -out server.csr

其中Country Name填CN,Common Name填主机名也可以不填,如果不填浏览器会认为不安全.(例如你以后的url为<https://abcd/xxxx>….这里就可以填abcd),其他的都可以不填.

openssl req -new -x509 -key server.key -out ca.crt -days 3650

openssl x509 -req -days 3650 -in server.csr -CA ca.crt -CAkey server.key -CAcreateserial -out server.crt

4.配置nginx的https，内容见下：

server {

listen 443 ssl;

server\_name www.lushenle.com;

ssl\_certificate /etc/nginx/ssl/server.crt;

ssl\_certificate\_key /etc/nginx/ssl/server.key;

ssl\_session\_cache shared:SSL:1m;

ssl\_session\_timeout 5m;

ssl\_ciphers HIGH:!aNULL:!MD5;

ssl\_prefer\_server\_ciphers on;

location / {

root html;

index index.html index.htm;

}

}

5.重新加载nginx.conf

6.在浏览器访问<https://192.168.18.156>，正常进入nginx访问welcome界面。

**nginx的常用命令：**

1.启动nginx

/usr/local/nginx/sbin/nginx

./sbin/nginx -c /etc/nginx/nginx.conf

2.停止nginx

./sbin/nginx -s stop

./sbin/nginx -s quit

3.nginx重载配置

./sbin/nginx -s reload

service nginx reload