Nginx的安装

版本区别

常用版本分为四大阵营

- Nginx开源版

http://nginx.org/

- Nginx plus 商业版

https://www.nginx.com

- openresty

http://openresty.org/cn/

- Tengine

http://tengine.taobao.org/

编译安装

`./configure --prefix=/usr/local/nginx`

`make`

`make install`

如果出现警告或报错

提示

```
checking for OS
 + Linux 3.10.0-693.el7.x86_64 x86_64
checking for C compiler ... not found

./configure: error: C compiler cc is not found
```

安装gcc

`yum install -y gcc`

提示:

系统安装

1 虚拟机配置完成之后进入系统安装界面

```
./configure: error: the HTTP rewrite module requires the PCRE library.
You can either disable the module by using --without-http_rewrite_module
option, or install the PCRE library into the system, or build the PCRE library
statically from the source with nginx by using --with-pcre=<path> option.
```

安装perl库

```
yum install -y pcre pcre-devel
```

提示:

```
./configure: error: the HTTP gzip module requires the zlib library.
You can either disable the module by using --without-http_gzip_module
option, or install the zlib library into the system, or build the zlib library
statically from the source with nginx by using --with-zlib=<path> option.
```

安装zlib库

```
yum install -y zlib zlib-devel
```

接下来执行

```
make

make install
```

启动Nginx

进入安装好的目录`/usr/local/nginx/sbin`

```
./nginx 启动
./nginx -s stop 快速停止
./nginx -s quit 优雅关闭，在退出前完成已经接受的连接请求
./nginx -s reload 重新加载配置
```

关于防火墙

关闭防火墙

```
systemctl stop firewalld.service
```

禁止防火墙开机启动

```
systemctl disable firewalld.service
```

放行端口

```
firewall-cmd --zone=public --add-port=80/tcp --permanent
```

重启防火墙

```
firewall-cmd --reload
```

安装成系统服务

创建服务脚本

```
vi /usr/lib/systemd/system/nginx.service
```

服务脚本内容

```
[Unit]
Description=nginx -  web server
After=network.target remote-fs.target nss-lookup.target

[Service]
Type=forking
PIDFile=/usr/local/nginx/logs/nginx.pid
ExecStartPre=/usr/local/nginx/sbin/nginx -t -c /usr/local/nginx/conf/nginx.conf
ExecStart=/usr/local/nginx/sbin/nginx -c /usr/local/nginx/conf/nginx.conf
ExecReload=/usr/local/nginx/sbin/nginx -s reload
ExecStop=/usr/local/nginx/sbin/nginx -s stop
ExecQuit=/usr/local/nginx/sbin/nginx -s quit
PrivateTmp=true


[Install]
WantedBy=multi-user.target
```

重新加载系统服务

```
systemctl daemon-reload
```

启动服务

```
systemctl start nginx.service
```

开机启动

```
systemctl enable nginx.service
```