

ubuntu/debian 上安装 nginx

1. 安装

```
bash <(curl -Lso- https://files.kkktu.com/nginx/install.sh)
```

2. 配置

install.sh

```
#!/bin/bash
echo -n "entry nginx version: (default:1.25.3)"

read nginx_version

# 检查更新
sudo apt-get update -y

sudo apt-get install build-essential libpcre3 libpcre3-dev zlib1g-dev libssl-dev -y

# 安装 nginx
if [ -z $nginx_version ]; then
    nginx_version="1.25.3"
fi

curl -o /tmp/nginx-$nginx_version.tar.gz https://nginx.org/download/nginx-$nginx_version.tar.gz

echo "download completed"

tar zxvf /tmp/nginx-$nginx_version.tar.gz -C /tmp

cd /tmp/nginx-$nginx_version
```

```
# [] [] [] []
```

```
./configure --prefix=/usr/local/lib/nginx --with-http_ssl_module
```

```
make
```

```
sudo make install
```

```
sudo rm /usr/bin/nginx
```

```
sudo ln -s /usr/local/lib/nginx/sbin/nginx /usr/bin/nginx
```

```
sudo rm -rf /tmp/nginx-$nginx_version
```

```
sudo rm -rf /tmp/nginx-$nginx_version.tar.gz
```

```
# [] [] []
```

```
useradd www
```

```
# [] [] [] [] [] []
```

```
sudo mkdir -p /home/www/nginx/conf.d
```

```
sudo chmod 777 /home/www/nginx/conf.d
```

```
# [] [] []
```

```
curl -o /tmp/nginx.conf https://files.kkktu.com/nginx/nginx.conf
```

```
curl -o /tmp/example.conf https://files.kkktu.com/nginx/example.conf
```

```
sudo mv /tmp/nginx.conf /usr/local/lib/nginx/conf
```

```
mv /tmp/example.conf /home/www/nginx/conf.d
```

```
#nginx [] []
```

```
curl -o /tmp/nginx.service https://files.kkktu.com/nginx/nginx.service
```

```
sudo mv /tmp/nginx.service /lib/systemd/system/nginx.service
```

```
sudo mkdir -p /var/log/nginx
```

```
sudo systemctl enable nginx
```

```
sudo systemctl start nginx
```

```
/usr/local/lib/nginx/conf/nginx.conf
```

```
user www;
```

```
worker_processes auto;
```

```

error_log /var/log/nginx/error.log;
#error_log logs/error.log notice;
#error_log logs/error.log info;

pid /run/nginx.pid;

events {
    worker_connections 1024;
}

http {
    include mime.types;
    default_type application/octet-stream;

    #log_format main '$remote_addr - $remote_user [$time_local] "$request" '
    #                '$status $body_bytes_sent "$http_referer" '
    #                '"$http_user_agent" "$http_x_forwarded_for"';

    #access_log logs/access.log main;

    sendfile on;
    #tcp_nopush on;

    #keepalive_timeout 0;
    keepalive_timeout 65;

    gzip on;

    include /home/www/nginx/conf.d/*.conf;
}

```

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

```

# Stop dance for nginx
# =====
#
# ExecStop sends SIGSTOP (graceful stop) to the nginx process.

```

```
# If, after 5s (--retry QUIT/5) nginx is still running, systemd takes control
# and sends SIGTERM (fast shutdown) to the main process.
# After another 5s (TimeoutStopSec=5), and if nginx is alive, systemd sends
# SIGKILL to all the remaining processes in the process group (KillMode=mixed).
#
# nginx signals reference doc:
# http://nginx.org/en/docs/control.html
#
[Unit]
Description=A high performance web server and a reverse proxy server
Documentation=man:nginx(8)
After=network.target nss-lookup.target

[Service]
Type=forking
PIDFile=/run/nginx.pid
ExecStartPre=/usr/bin/nginx -t -q -g 'daemon on; master_process on;'
ExecStart=/usr/bin/nginx -g 'daemon on; master_process on;'
ExecReload=/usr/bin/nginx -g 'daemon on; master_process on;' -s reload
ExecStop=-/sbin/start-stop-daemon --quiet --stop --retry QUIT/5 --pidfile /run/nginx.pid
TimeoutStopSec=5
KillMode=mixed

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

3. nginx

```
sudo systemctl enable nginx # nginx
sudo systemctl restart nginx # nginx
sudo systemctl reload nginx # nginx
sudo systemctl restart nginx # nginx
sudo systemctl status nginx # nginx
```

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