



链滴

CentOS 安装 Nginx

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原文链接: <https://ld246.com/article/1560840900330>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

安装编译工具和库文件

```
$ yum -y install make zlib zlib-devel gcc-c++ libtool openssl openssl-devel
```

安装 PCRE

PCRE 作用是让 Nginx 支持 Rewrite 功能。

1. 下载 PCRE 安装包


```
$ wget http://downloads.sourceforge.net/project/pcre/pcre/8.35/pcre-8.35.tar.gz
```

2. 解压安装包


```
$ tar zxvf pcre-8.35.tar.gz
```

3. 进入安装目录


```
$ cd pcre-8.35
```

4. 编译安装


```
$ make && make install``
```

5. 查看 PCRE 版本


```
`$ pcre-config --version`
```

安装 Nginx

1. 下载并解压 Nginx


```
``$ wget http://nginx.org/download/nginx-1.15.9.tar.gz
```

```
$ tar zxvf nginx-1.9.9.tar.gz``
```

2. 进入安装目录


```
`$ cd nginx-1.9.9`
```

3. 安装


```
``$ ./configure --prefix=/usr/local/webserver/nginx --with-http_stub_status_module --with-http_ssl_module --with-pcre=/usr/local/src/pcre-8.35
```

```
$ make
```

```
$ make install``
```

配置 Nginx

创建一个用户

```
$ /usr/sbin/groupadd www
```

```
$ /usr/sbin/useradd -g www www
```

配置其属性

```
$ vim /usr/local/webserver/nginx/conf/nginx.conf
```

```
user www www;
```

需创建一个用户

```
worker_processes 2; #设置值和CPU核心数一致
error_log /usr/local/webserver/nginx/logs/nginx_error.log crit; #日志位置和日志级别
pid /usr/local/webserver/nginx/nginx.pid;
#Specifies the value for maximum file descriptors that can be opened by this process.
worker_rlimit_nofile 65535;

events
{
    use epoll;
    worker_connections 65535;
}

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';

    server_names_hash_bucket_size 128;
    client_header_buffer_size 32k;
    large_client_header_buffers 4 32k;
    client_max_body_size 8m;

    sendfile on;
    tcp_nopush on;
    keepalive_timeout 60;
    tcp_nodelay on;
    fastcgi_connect_timeout 300;
    fastcgi_send_timeout 300;
    fastcgi_read_timeout 300;
    fastcgi_buffer_size 64k;
    fastcgi_buffers 4 64k;
    fastcgi_busy_buffers_size 128k;
    fastcgi_temp_file_write_size 128k;
```

GZIP 配置

```

gzip on;
gzip_min_length 1k;
gzip_buffers 4 16k;
gzip_http_version 1.0;
gzip_comp_level 2;
gzip_types text/plain application/javascript text/css application/xml application/x-javascript t
xt/javascript ;
gzip_vary on;

server {
listen 80;
server_name pipe.ccm.ink;#自己的域名
return 301 https://$host;
}

server {# 开启https
listen 443 ssl;
server_name pipe.ccm.ink;
charset utf-8;
ssl_certificate xxxx.pem;# 换为自己的证书
ssl_certificate_key xxxxx.key;# 换为自己的证书
ssl_session_timeout 5m;
ssl_ciphers ECDHE-RSA-AES128-GCM-SHA256:ECDHE:ECDH:AES:HIGH:!NULL:!aNULL:!MD5:!A
H:!RC4;
ssl_protocols TLSv1 TLSv1.1 TLSv1.2;
ssl_prefer_server_ciphers on;
#access_log logs/host.access.log main;

location / {
    root /home/www/dist/;
    index index.html index.htm;
}

error_page 500 502 503 504 /50x.html;

location = /50x.html {
    root html;
}

}

}

```

检查配置文件正确性

```
$ /usr/local/webserver/nginx/sbin/nginx -t
```

常用命令

```
$ /usr/local/webserver/nginx/sbin/nginx # 启动
```

```
$ /usr/local/webserver/nginx/sbin/nginx -s reload # 重新载入配置文件
```

```
$ /usr/local/webserver/nginx/sbin/nginx -s reopen # 重启 Nginx
```

```
$ /usr/local/webserver/nginx/sbin/nginx -s stop # 停止 Nginx
```