

# Nginx

- [\[1\]](#)



nginx

```
server {
    listen 80 default_server;
    listen [::]:80 default_server;

    # HTTP to HTTPS
    rewrite ^(.*) https://$host$1 permanent;
}

server {
    # SSL
    listen 443 ssl default_server;
    listen [::]:443 ssl default_server;

    # SSL certificates
    ssl_certificate /etc/nginx/ssl/nginx.crt;
    ssl_certificate_key /etc/nginx/ssl/nginx.key;

    # ... }
}
```

proxy

```
location / {
    proxy_pass_header Server;
    proxy_redirect off;

    # Proxy settings
    proxy_set_header Host $Host;
    proxy_set_header Host $http_host;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Scheme $scheme;
    proxy_set_header X-Forwarded-Proto $scheme;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_set_header X-Forwarded-Host $server_name;
    proxy_pass https://survey.dreamteenet.com;

    # Try files
    try_files $uri $uri/ =404;
}
```

SSL

```

ssl_protocols TLSv1.2 TLSv1.3;
ssl_prefer_server_ciphers on;
ssl_ciphers EECDH+AESGCM:EDH+AESGCM:AES256+EECDH:AES256+EDH:RSA+AES128:RSA+AES256;
ssl_ecdh_curve secp384r1;
ssl_session_cache shared:SSL:10m;
ssl_session_tickets off;
ssl_stapling on;
ssl_stapling_verify on;
resolver 168.95.1.1 168.95.192.1 valid=300s;
resolver_timeout 5s;
add_header X-Frame-Options SAMEORIGIN;
add_header X-Content-Type-Options nosniff;
ssl_dhparam /etc/ssl/certs/dhparam2.pem;

```

## proxy\_redirect

```

location /one/ {
    proxy_pass      http://upstream:port/kevin/;
    proxy_redirect  default;
}

location /one/ {
    proxy_pass      http://upstream:port/kevin/;
    proxy_redirect  http://upstream:port/kevin/ /one/;
}

```

## 

```

http{} #
server{} #
location{} #

```

## nginx

```

server {
    ...
    client_max_body_size 10M;
    ...
}

```

## 限制2MBphp-fpm

```
client_max_body_size 0;
client_body_timeout 300s
```

### 变量

```
$host      主机名 Host 主机名 Host 主机名
$request_method  请求方法 GET/POST
$remote_addr  客户端 IP 地址
$args        请求参数
$content_length  请求内容长度 Content-length
$http_user_agent  客户端 agent
$http_cookie   客户端 cookie
$remote_addr   客户端 IP 地址
$remote_port   客户端端口
$server_protocol  请求协议 HTTP/1.0/HTTP/1.1
$server_addr    服务器地址
$server_name    服务器名称
$server_port    服务器端口
```

## location

```
location [=|~|~*|^~] /uri/ { ... }
location = /uri      = 完全匹配
location ^~ /uri     ^~ 匹配URL
location ~ pattern   ~ 正则匹配
location ~* pattern  ~* 正则匹配
location /uri        普通匹配
location /           普通匹配location switch default
```

Nginx url 匹配 /static/20%/aa ^~ /static/ /aa

location:

```
=
^~
正则匹配
正则匹配
/ 匹配
正则匹配
```

location /dir01 location /dir01/dir02 http://localhost/dir01/

#####

```
location = / {
    echo "A";
}
location = /login {
    echo "B";
}
location ^~ /static/ {
    echo "C";
}
location ^~ /static/files {
    echo "X";
}
location ~ \.(gif|jpg|png|js|css)$ {
    echo "D";
}
location ~* \.png$ {
    echo "E";
}
location /img {
    echo "Y";
}
location / {
    echo "F";
}
```

#####

```
##### /### http://localhost/ ### A
## http://localhost/login ### B##http://localhost/register ### F
## http://localhost/static/a.html ### C
## http://localhost/static/files/a.exe ### X### C ##### X ##### URL
## http://localhost/a.gif, http://localhost/b.jpg ### D # ## E ### D ##### E ##### http://localhos
## http://localhost/a.PNG ### ## E ##### D ### ## E #####
## http://localhost/img/a.gif ##### D,## Y ##### Y
## http://localhost/img/a.tiff ##### Y
```

## http://localhost/category/id/1111 ##### F ##### Nginx ##### FastCGI.php

##Nginx##Server##Location####

## nginx##

## ##

```
$remote_addr##$http_x_forwarded_for #####IP##
$remote_user #####
```

```

$request  [URI]HTTP
$status   [ ]
$body_bytes_sent [ ]
$bytes_sent [ ]
$connection [ ]
$connection_requests [ ]
$msec     [ ]
$pipe     [HTTP](pipelined)[pipe]"p"[ ]"."
$http_referer [ ]
$http_user_agent [ ]
$request_length [ ]
$request_time [ ]
$time_iso8601 ISO8601[ ]
$time_local [ ]

```

## nginx[ ]

Upstream [ ] server [ ] Upstream [ ]

```

upstream balanceServer {
    server 10.1.22.33:12345;
    server 10.1.22.34:12345;
    server 10.1.22.35:12345;
}

server {
    server_name fe.server.com;
    listen 80;
    location /api {
        proxy_pass http://balanceServer;
    }
}

```

## add\_header[ ]

```

# HTTP response headers borrowed from Nextcloud `htaccess`
add_header Referrer-Policy "no-referrer" always;
add_header X-Content-Type-Options "nosniff" always;
add_header X-Download-Options "noopen" always;
add_header X-Frame-Options "SAMEORIGIN" always;
add_header X-Permitted-Cross-Domain-Policies "none" always;
add_header X-Robots-Tag "noindex, nofollow"

```

```
always;  
add_header X-XSS-Protection "1; mode=block" always;
```

## x-robot-tag

Noindex:

Index:

Follow:

Nofollow:

Noimageindex:

None: noindex nofollow

Noarchive: SERP( )

Nocache: noarchive Internet Explorer Firefox

Nosnippet: SERP( ) Meta

Noodyp/noydir [OBSOLETE]: DMOZ SERP( ) DMOZ 2017

Unavailable\_after:

noindex

X-Robots-Tag: noindex

nofollow

X-Robots-Tag: nofollow

noarchive

X-Robots-Tag: noarchive

nosnippet

X-Robots-Tag: nosnippet

max-snippet:[number]

X-Robots-Tag: max-snippet:150

max-video-preview:[number]

X-Robots-Tag: max-video-preview:30

noindex, nofollow

X-Robots-Tag: noindex, nofollow

HTTP Nginx add\_header

nginx

location /path/to/page {

add\_header X-Robots-Tag "noindex, nofollow";

}

/path/to/page X-Robots-Tag: noindex, nofollow