

# Nginx

“ Nginx

1. ~
2. ~\*
3. ! !\*

1. -f !-f
2. -d !-d
3. -e !-e
4. -x !-x

rewrite

flag

flag

1. last apache [L] rewrite
2. break
3. redirect 302 URL
4. permanent 301 URL

last break URI

alias

last ; proxy\_pass

break Last

rew

## NginxRewrite

### 1.break

server,location,if;

rewrite

### 2.if

server,location

If

&& ||

```

location /CMS/ {## CMS location
    if ($request_uri ~ "CMS/was") { ## CMS/was ( )
        proxy_pass http://10.1.1.247;
        break; ##break
    }
    if ($request_uri ~ "CMS/Evaluate.action") { ##
        proxy_pass http://10.1.1.247;
        break;
    }
    rewrite ^ http://www.baidu.com/;##CMS
}

```

## 3.return

returncode ;

server,location,if;

```

location ~ .*\. (sh|bash)?$ {
    return 403;
}

```

## 4.rewrite

rewriteregex replacement flag

server,location,if

URI

if

```

if( $host ~* www\.(.*) ) {
    set $host_without_www $1;
    rewrite ^(.*)$ http://$host_without_www$1permanent;
}

```

## 5.Set

setvariable value ; :none; server,location,if;

```
set$varname "hello world";
```

## 6.Uninitialized\_variable\_warn

uninitialized\_variable\_warn|off

http,server,location,if

## Nginx Rewrite

### 1. **html**

```
if( !-e $request_filename )
{
    rewrite ^/(.*)$ index.html$last;
}
```

### 2. **/123456/xxxx ==> /xxxx?id=123456**

```
rewrite ^/(\d+)/(.+)/ /$2?id=$1 last;
```

### 3. **IE /ie**

```
if( $http_user_agent ~ MSIE)
{
    rewrite ^(.*)$ /ie/$1 break;
}
```

### 4.

```
location ~ ^/(cron|templates)/
{
    deny all;
    break;
}
```

## 5. /data

```
location ~ ^/data
{
    deny all;
}
```

## 6. .sh,.flv,.mp3

```
location ~ .*\. (sh|flv|mp3)$
{
    return 403;
}
```

## 7.

```
location ~ .*\. (gif|jpg|jpeg|png|bmp|swf)$
{
    expires 30d;
}
location ~ .*\. (js|css)$
{
    expires 1h;
}
```

## 8. favicon.ico robots.txt ;

favicon.ico 99 ,robots.txt 7 404

```
location ~(favicon.ico) {
    log_not_found off;
    expires 99d;
    break;
}
location ~(robots.txt) {
    log_not_found off;
    expires 7d;
}
```

```
break;
}
```

## 9. ; 600

```
location ^~ /html/scripts/loadhead_1.js {
    access_log off;
    root /opt/lampp/htdocs/web;
    expires 600;
    break;
}
```

## 10.

```
return 412 http 403
```

```
rewrite ^/ http: //img.linuxidc.net/leech.gif;//
access_log off; //
expires 3d // 3

location ~*^\.+\.(jpg|jpeg|gif|png|swf|rar|zip|css|js)$ {
    valid_referers none blocked *.linuxidc.com*.linuxidc.net localhost 208.97.167.194;
    if ($invalid_referer) {
        rewrite ^/ http: //img.linuxidc.net/leech.gif;
        return 412;
        break;
    }
    access_log off;
    root /opt/lampp/htdocs/web;
    expires 3d;
    break;
}
```

## 11. ip

```
root /opt/htdocs/www;
allow 208.97.167.194;
allow 222.33.1.2;
```

```
allow 231.152.49.4;
deny all;
auth_basic "C1G_ADMIN";
auth_basic_user_file htpasswd;
```

## 12. seo

```
/job-123-456-789.html /job/123/456/789.html

rewrite^/job-([0-9+)-([0-9+)-([0-9+)]\.html$ /job/$1/$2/jobshow_$3.html last;
```

## 14. 2

```
/shanghaijob/ /area/shanghai/
last permanent /location/shanghai/
rewrite ^/([0-9a-z]+)job/(.*)$ /area/$1/$2last;
/shanghai
rewrite ^/([0-9a-z]+)job$ /area/$1/ last;
rewrite ^/([0-9a-z]+)job/(.*)$ /area/$1/$2last;
/shanghai
./list_1.html /area/shanghia/list_1.html /list_1.html,

(-d $request_filename) rewrite
if (-d $request_filename){
rewrite ^/(.*)([^/])$ http://$host/$1$2/permanent;
}

rewrite ^/([0-9a-z]+)job$ /$1job/permanent;
rewrite ^/([0-9a-z]+)job/(.*)$ /area/$1/$2last;
```

## 15.

```
server{
listen 80;
server_name jump.linuxidc.com;
index index.html index.htm index.php;
root /opt/lampp/htdocs/www;
rewrite ^/ http://www.linuxidc.com/;
```

```
access_log off;
}
```

## 16.

```
server_name www.linuxidc.com www.linuxidc.net;
index index.html index.htm index.php;
root /opt/lampp/htdocs;
if ($host ~ "linuxidc\.net") {
    rewrite ^(.*) http://www.linuxidc.com$1permanent;
}
```

# nginx

```
arg_PARAMETER # GET PARAMETER
args # (GET ) foo=123&bar=blahblah;
binary_remote_addr #
body_bytes_sent # body
content_length # Content-length
content_type # Content-Type
cookie_COOKIE #cookie COOKIE
document_root # root
document_uri # uri
host #
hostname #Set to themachine's hostname as returned by gethostname
http_HEADER
is_args # args "?" ""
http_user_agent # agent
http_cookie # cookie
limit_rate #
query_string # args
request_body_file #
request_method # GET POST
remote_addr # IP
remote_port #
remote_user # Auth Basic Module
request_completion # OK. (Empty)
request_method #GET POST
```

```
request_filename #          root alias  URI
request_uri      #          URI          "/foo/bar.php?arg=baz"
scheme           #HTTP     http https
server_protocol #          HTTP/1.0 HTTP/1.1
server_addr      #
server_name      #
server_port      #
```

# Apache Nginx

```
Apache RewriteCond Nginx if
Apache RewriteRule Nginx rewrite
Apache [R] Nginx redirect
Apache [P] Nginx last
Apache [R,L] Nginx redirect
Apache [P,L] Nginx last
Apache [PT,L] Nginx last
```

[www.linuxidc.net](http://www.linuxidc.net)

```
Apache:
RewriteCond %{HTTP_HOST} !^(.)*\.aaa\.com$ [NC]
RewriteCond %{HTTP_HOST} !^localhost$
RewriteCond %{HTTP_HOST} !^192\.168\.0\. (.)*$
RewriteRule ^/(.*)$ http://www.linuxidc.net [R,L]
```

Nginx :

```
if( $host ~* ^(.)*\.aaa\.com$ )
{
    set $allowHost '1';
}
if( $host ~* ^localhost )
{
    set $allowHost '1';
}
if( $host ~* ^192\.168\.1\. (.)*$ )
{
    set $allowHost '1';
}
```

```
if( $allowHost !~ '1' )  
{  
    rewrite ^/(.*)$ http://www.linuxidc.netredirect ;  
}
```

---

Revision #2

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