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_warnon|off

http,server,location,if

Nginx Rewrite

1. html

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

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.

return412 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

```
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 ;
}
```

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