

status_module模块介绍

Apache中status模块提供一个HTML页面，使得管理员可以通过Web浏览器查看服务统计信息、状态信息、以及帮助管理员排查服务器故障。

服务器状态模块使用

启用模块

```
1 LoadModule status_module modules/mod_status.so
2 LoadModule auth_basic_module
  modules/mod_auth_basic.so
```

配置

```
1 ExtendStatus On
2 <location "/server-status">
3     SetHandler server-status
4     Require user admin
5     AuthName "Need certification!"
6     AuthType Basic
7     AuthUserFile "/etc/httpd/conf/.htpasswd"
8 </location>
```

配置指令解释

`ExtendStatus On` ---> Apache2.3版本之后，当加载status_module模块后，默认设置状态是On。ExtendStatus表示显示更加详细的额外信息。

`SetHandler server-status` ---> “处理器”是当文件被调用时，Apache 要执行的动作的内部表示形式。server-status表示 取得服务器状态报告。

`AuthName "Need certification!"`

`AuthType Basic` ---> 认证方式

```
AuthUserFile "/etc/httpd/conf/.htpasswd"
```

处于安全考虑，服务器状态信息不能开放给所有用户查看。此处基于用户认证的方式限制访问。

[基于用户的认证方式查看](#)

HTML页面显示信息

```
1  #显示信息
2  Apache Server Status for www.a.com (via
   192.168.1.150)
3  Server Version: Apache/2.4.6 (CentOS)
4  Server MPM: prefork
5  Server Built: Nov 14 2016 18:04:44
6
7  Current Time: Sunday, 02-Apr-2017 18:54:27 EDT
8  Restart Time: Sunday, 02-Apr-2017 18:24:01 EDT
9  Parent Server Config. Generation: 1
10 Parent Server MPM Generation: 0
11 Server uptime: 30 minutes 26 seconds
12 Server load: 0.00 0.01 0.05
13 Total accesses: 14 - Total Traffic: 53 kB
14 CPU Usage: u0 s0 cu0 cs0
15 .00767 requests/sec - 29 B/second - 3876 B/request
16 1 requests currently being processed, 9 idle workers
17 _____. _W_____
   .....
18 .....
   .....
19 .....
   .....
20 .....
   .....
21 Scoreboard Key:
22 "_" waiting for Connection, "S" Starting up, "R"
   Reading Request,
23 "W" Sending Reply, "K" Keepalive (read), "D" DNS
   Lookup,
```

```

24 "C" closing connection, "L" Logging, "G" Gracefully
    finishing,
25 "I" Idle cleanup of worker, "." open slot with no
    current process
26 Srv PID Acc M   CPU SS   Req Conn   Child   slot
    Client VHost   Request
27 0-0 2317   0/7/7   _   0.00   555 0   0.0 0.02
    0.02   192.168.1.100   xuekaixin:80   NULL
28 1-0 2318   0/1/1   _   0.00   508 1   0.0 0.00
    0.00   192.168.1.100   xuekaixin:80   NULL
29 2-0 2319   0/1/1   _   0.00   26 0   0.0 0.00
    0.00   192.168.1.100   xuekaixin:80   NULL
30 4-0 -   0/0/5   .   0.00   1755   0   0.0 0.00
    0.03   ::1 xuekaixin:80   OPTIONS * HTTP/1.0
31 6-0 2324   0/0/0   w   0.00   0 0   0.0 0.00
    0.00   192.168.1.100   xuekaixin:80   GET /server-
    status HTTP/1.1
32
33
34 Srv Child Server number - generation
35 PID OS process ID
36 Acc Number of accesses this connection / this child
    / this slot
37 M   Mode of operation
38 CPU CPU usage, number of seconds
39 SS   Seconds since beginning of most recent request
40 Req Milliseconds required to process most recent
    request
41 Conn   kilobytes transferred this connection
42 Child   Megabytes transferred this child
43 Slot   Total megabytes transferred this slot

```

自动更新

N指定自动更新间隔秒数。

```
1 http://192.168.1.150/server-status?refresh=N
```

