Nginx和高并发

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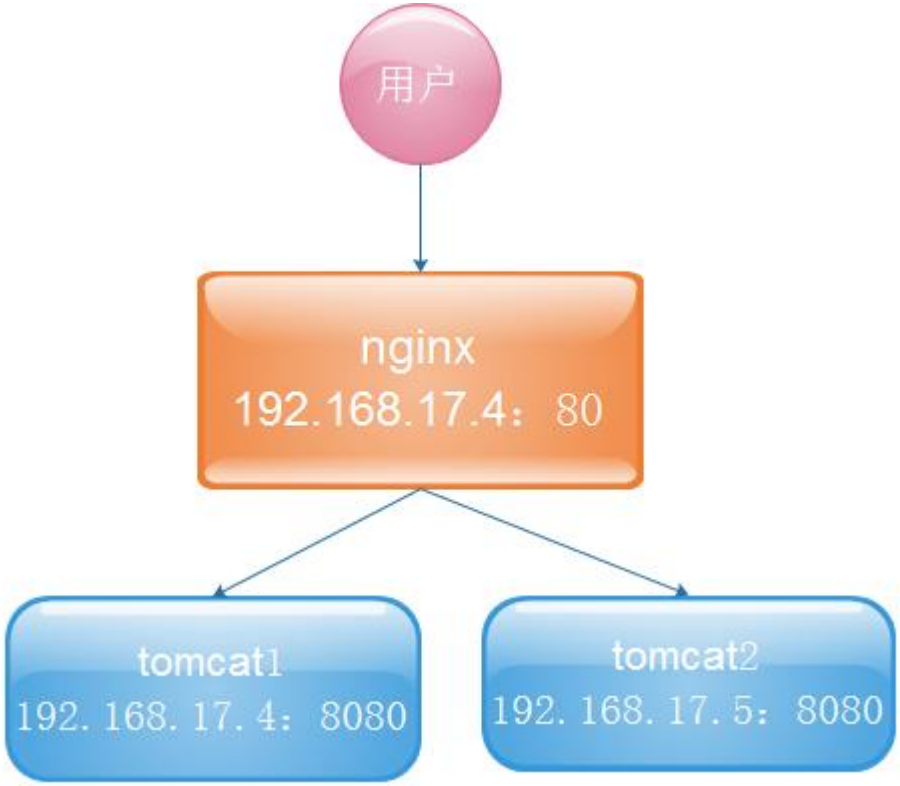
Nginx反向代理

- 经典的反向代理结构



Nginx反向代理

- 虚拟主机
- 一个server{} 就是一个虚拟主机
- 基于域名的

Nginx反向代理

- 反向代理：
- proxy_pass

Nginx反向代理

- 反向代理配置nginx.conf：
  - upstream 名字 {
  - server IP:PORT;
  - server IP:PORT;
  - }

  - server {
  - location / {
  - proxy_pass http://名字;
  -
  - }

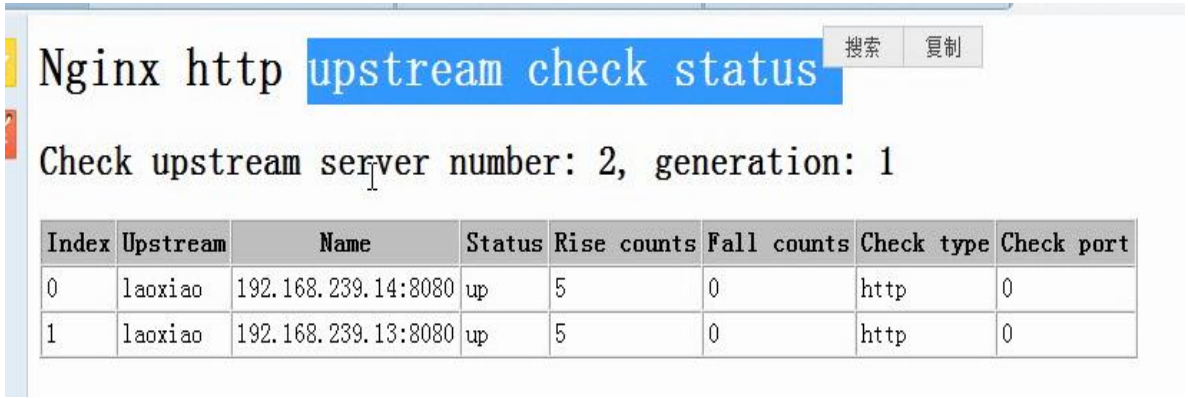
  - }

Nginx反向代理

- tengine新增健康检查模块
- 配置一个status的location
- location /status {
- check_status;
-
- }
- 在upstream配置如下
- check interval=3000 rise=2 fall=5 timeout=1000 type=http;
- check_http_send "HEAD / HTTP/1.0\r\n\r\n";
- check_http_expect_alive http_2xx http_3xx;
-

Tengine额外功能

- 对后端服务器健康检查



Index	Upstream	Name	Status	Rise counts	Fall counts	Check type	Check port
0	laoxiao	192.168.239.14:8080	up	5	0	http	0
1	laoxiao	192.168.239.13:8080	up	5	0	http	0

Tengine额外功能

- 对后端服务器健康检查的配置

```
http {
    upstream cluster1 {
        # simple round-robin
        server 192.168.0.1:80;
        server 192.168.0.2:80;

        check interval=3000 rise=2 fall=5 timeout=1000 type=http;
        check_http_send "HEAD / HTTP/1.0\r\n\r\n";
        check_http_expect_alive http_2xx http_3xx;
    }
```

```
 location /status {
     check_status;

     access_log   off;
     allow SOME.IP.ADD.RESS;
     deny all;
 }
```

Tengine额外功能

- 对后端服务器健康检查的配置
  - upstream cluster2
  - {
  - # simple round-robin
  - server 192.168.0.3:80;
  - server 192.168.0.4:80;
  - check interval=3000 rise=2 fall=5 timeout=1000 type=http;
    check_keepalive_requests 100;
  - check_http_send "HEAD / HTTP/1.1\r\nConnection: keep-alive\r\n\r\n";
    check_http_expect_alive http_2xx http_3xx;
  - }
  - server {
  - listen 80;
  - location /status {
  - check_status;
  - }
  - }