Edit

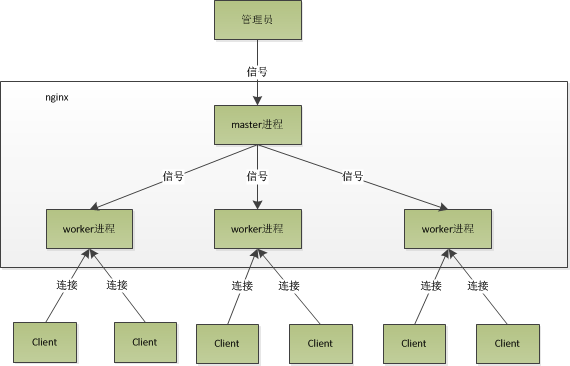
# Nginx 从入门到精通

linux nginx

* Nginx 从入门到精通
  + nginx 简单介绍
    - nginx的进程模型与事件模型
    - nginx处理请求原理
    - request
  + nginx安装与配置
    - nginx 负载均衡
  + nginx 负载均衡算法
    - upstream 负载均衡器
  + ip hash 会话保持
  + fair 动态算法
  + url\_hash ，web缓存节点
    - 自动安装nginx
  + nginx location配置详解
    - location 语法规则
  + ReWrite语法
    - flag 标志位
    - if 指令与全局变量
* nginx 优化
  + php优化

## nginx 简单介绍

### nginx的进程模型与事件模型



nginx后台进程一个master进程，多个worker进程。master进程主要用来管理worker进程，包含接收来自外界的信号，然后向各worker进程发信号，并监控worker的运行状态。worker的数量可以有多个，在master进程里面，先建立好listen的socket(listenfd)之后，然后再fork出多个work进程，一般work进程数据与机器CPU核数一致(防止work进程竟争CPU资源，带来不必要的上下文切换，绑定又会防止进程的切换带来的cache失效)。

如果reload，执行命令时我们启动一个新的nginx进程，新的nginx进程在解析到reload参数后，就知道我们的目的是控制nginx重新加载配置文件，它会向master进程发送信号，然后master重新加载配置文件，然后再启动新的worker进程，并向所有老的worker进程发送信号，告诉他们可以光荣退休了。新worker开始接收新请求，老的worker收到master的信号后不再接收新的请求，并且当进程中所有未处理完的请求处理完成后，再退出。

nginx采用了异步非阻塞的方式来处理请求，也就是说nginx可以现时处理成千上万个请求。

（apache 也有异步非阻塞，每个请求会独占一个工作线程，当并发数上到几千时，就同时有几千个线程在处理请求，对操作系统来说，是不小的挑战，线程带来的内存占用非常大,线程之间的上下文切换带来的cpu开销很大，性能就上不去。）

**阻塞与非阻塞**：

请求的完整过程为：请求过来，建立连接，接收数据，发送数据。具体到系统底层，就是读写事件。当读写事件没有准备好时，必然不可操作。阻塞就是事件没准备好，就等着，等事件准备好了，继续。

**阻塞** 会进入内核等待，cpu就会让出去给别人用，对单线程的worker来说，显然不合适，当网络事件越多时，大家都等待呢，cpu空闲下来没人用。cpu利用率上不去。

**非阻塞**，就是事件没准备好，马上返回eagain，事件没准备好，然后定期检查事件是否准备好。

**异步非阻塞处理机制**，具体到系统调用就是select/poll/epoll/kqueue这样的系统调用

拿epoll为例(以代表这一类函数)，当事件没准备好时，放到epoll里面，事件准备好了，我们就去读写，当读写返回EAGAIN时，我们将它再次加入到epoll里面。这样，只要有事件准备好了，我们就去处理它，只有当所有事件都没准备好时，才在epoll里面等着。这样，我们就可以并发处理大量的并发了，当然，这里的并发请求，是指未处理完的请求，线程只有一个，所以同时能处理的请求当然只有一个了，只是在请求间进行不断地切换而已，切换也是因为异步事件未准备好，而主动让出的。这里的切换是没有任何代价，你可以理解为循环处理多个准备好的事件，事实上就是这样的。与多线程相比，这种事件处理方式是有很大的优势的，不需要创建线程，每个请求占用的内存也很少，没有上下文切换，事件处理非常的轻量级。并发数再多也不会导致无谓的资源浪费（上下文切换）。更多的并发数，只是会占用更多的内存而已。 我之前有对连接数进行过测试，在24G内存的机器上，处理的并发请求数达到过200万。现在的网络服务器基本都采用这种方式，这也是nginx性能高效的主要原因。

web服务器的事件模型有三种类型：网络事件，信号，定时器

1. nginx的网络事件使用的是异步非阻塞处理机制，
2. 信号处理 使用epoll 模型
3. epoll\_wait等函数调用的时候可以设置一个超时时间，所以nginx借助这个超时时间来实现定时器。nginx定时器是放在红黑树里面。

### nginx处理请求原理

connection 在nginx中connection就是对tcp连接的封装，读事件，写事件。利用nginx封装的connection， 我们很方便的使用nginx来处理与连接相关的事情。比如连接，发送，接受数据。nginx的http请求的处理是建立在connection 之上的，所以nginx不仅可以作为一个web服务器,也可以作为邮件服务器。利用nginx的connection，可以与任何后端打交道

在nginx中，每个进程会有一个连接数的最大上限，这个上限与系统对fd的限制不一样。在操作系统中，通过ulimit -n，我们可以得到一个进程所能够打开的fd的最大数，即nofile，因为每个socket连接会占用掉一个fd，所以这也会限制我们进程的最大连接数，当然也会直接影响到我们程序所能支持的最大并发数，当fd用完后，再创建socket时，就会失败。nginx通过设置worker\_connectons来设置每个进程支持的最大连接数。如果该值大于nofile，那么实际的最大连接数是nofile，nginx会有警告。nginx在实现时，是通过一个连接池来管理的，每个worker进程都有一个独立的连接池，连接池的大小是worker\_connections。这里的连接池里面保存的其实不是真实的连接，它只是一个worker\_connections大小的一个ngx\_connection\_t结构的数组。并且，nginx会通过一个链表free\_connections来保存所有的空闲ngx\_connection\_t，每次获取一个连接时，就从空闲连接链表中获取一个，用完后，再放回空闲连接链表里面。

在这里，很多人会误解worker\_connections这个参数的意思，认为这个值就是nginx所能建立连接的最大值。其实不然，这个值是表示每个worker进程所能建立连接的最大值，所以，一个nginx能建立的最大连接数，应该是worker\_connections \* worker\_processes。当然，这里说的是最大连接数，对于HTTP请求本地资源来说，能够支持的最大并发数量是worker\_connections \* worker\_processes，而如果是HTTP作为反向代理来说，最大并发数量应该是worker\_connections \* worker\_processes/2。因为作为反向代理服务器，每个并发会建立与客户端的连接和与后端服务的连接，会占用两个连接。

1.ngx\_accept\_disabled = ngx\_cycle->connection\_n / 8

2. - ngx\_cycle->free\_connection\_n;

3.

4.if (ngx\_accept\_disabled > 0) {

5. ngx\_accept\_disabled--;

6.

7.} else {

8. if (ngx\_trylock\_accept\_mutex(cycle) == NGX\_ERROR) {

9. return;

10. }

11.

12. if (ngx\_accept\_mutex\_held) {

13. flags |= NGX\_POST\_EVENTS;

14.

15. } else {

16. if (timer == NGX\_TIMER\_INFINITE

17. || timer > ngx\_accept\_mutex\_delay)

18. {

19. timer = ngx\_accept\_mutex\_delay;

20. }

21. }

22.}

首先，nginx的处理得先打开accept\_mutex选项，此时，只有获得了accept\_mutex的进程才会去添加accept事件，也就是说，nginx会控制进程是否添加accept事件。nginx使用一个叫ngx\_accept\_disabled的变量来控制是否去竞争accept\_mutex锁。在第一段代码中，计算ngx\_accept\_disabled的值，这个值是nginx单进程的所有连接总数的八分之一，减去剩下的空闲连接数量，得到的这个ngx\_accept\_disabled有一个规律，当剩余连接数小于总连接数的八分之一时，其值才大于0，而且剩余的连接数越小，这个值越大。再看第二段代码，当ngx\_accept\_disabled大于0时，不会去尝试获取accept\_mutex锁，并且将ngx\_accept\_disabled减1，于是，每次执行到此处时，都会去减1，直到小于0。不去获取accept\_mutex锁，就是等于让出获取连接的机会，很显然可以看出，当空余连接越少时，ngx\_accept\_disable越大，于是让出的机会就越多，这样其它进程获取锁的机会也就越大。不去accept，自己的连接就控制下来了，其它进程的连接池就会得到利用，这样，nginx就控制了多进程间连接的平衡了。

### request

这节我们讲request，在nginx中我们指的是http请求，具体到nginx中的数据结构是ngx\_http\_request\_t。ngx\_http\_request\_t是对一个http请求的封装。 我们知道，一个http请求，包含请求行、请求头、请求体、响应行、响应头、响应体。

http请求是典型的请求-响应类型的的网络协议，而http是文件协议，所以我们在分析请求行与请求头，以及输出响应行与响应头，往往是一行一行的进行处理。如果我们自己来写一个http服务器，通常在一个连接建立好后，客户端会发送请求过来。然后我们读取一行数据，分析出请求行中包含的method、uri、http\_version信息。然后再一行一行处理请求头，并根据请求method与请求头的信息来决定是否有请求体以及请求体的长度，然后再去读取请求体。得到请求后，我们处理请求产生需要输出的数据，然后再生成响应行，响应头以及响应体。在将响应发送给客户端之后，一个完整的请求就处理完了。当然这是最简单的webserver的处理方式，其实nginx也是这样做的，只是有一些小小的区别，比如，当请求头读取完成后，就开始进行请求的处理了。nginx通过ngx\_http\_request\_t来保存解析请求与输出响应相关的数据。

web服务（邮件服务） 负载均衡（反向代理proxy)，缓存服务器（相当于squid，cnd主要用于SQUID)

## nginx安装与配置

[tengine](http://tengine.taobao.org/book/)

[nginx](http://nginx.org/)

在安装nginx之前需要安装两个包 pcre openssl 。Pcre全称（Perl Compatible Regular Experssions），中文perl兼容正则表达式，官方站点为<http://www.pcre.org/>，安装pcre库是为了使Nginx支持HTTP Rewrite模块。

yum -y install pcre-devel openssl-devel

useradd nginx -M -s /sbin/nologin

tar xf nginx-1.6.3.tar.gz

**cd** nginx-1.6.3

./configure --prefix=/application/nginx-1.6.3 --user=nginx --group=nginx --with-http\_ssl\_module --with-http\_stub\_status\_module

#stub\_status\_module, 获取状态码

make && make install

ln -s /application/nginx-1.6.3/ /application/nginx

然后可以查看版本

[sandow@web01 application]$ /application/nginx/sbin/nginx -v

nginx version: nginx/1.6.3

[sandow@web01 application]$ /application/nginx/sbin/nginx -V

nginx version: nginx/1.6.3

built by gcc 4.4.7 20120313 (Red Hat 4.4.7-16) (GCC)

TLS SNI support enabled

configure arguments: --prefix=/application/nginx-1.6.3 --user=www --group=www --with-http\_ssl\_module --with-http\_stub\_status\_module

[root@web01 ~]# /application/nginx/sbin/nginx -t

nginx: the configuration file /application/nginx-1.6.3/conf/nginx.conf syntax is ok

nginx: configuration file /application/nginx-1.6.3/conf/nginx.conf **test** is successful

[root@web01 ~]# /application/nginx/sbin/nginx

[root@web01 ~]# netstat -tunlp|grep 80

tcp 0 0 0.0.0.0:80 0.0.0.0:\* LISTEN 5817/nginx

nginx 参数有：

* v:显示版本并退出   
  然后退出- v:显示版本和配置选项
* t:测试配置和退出   
  q:抑制non-error消息在配置测试
* s信号:信号发送到主过程:停止,退出,重启,重新加载
* p前缀:设置前缀路径(默认值:/应用程序/ nginx-1.6.3 /)
* c文件名:设置配置文件(默认值:conf / nginx.conf)
* g指令:集合全球指令配置文件

查看文件目录

[root@web01 nginx]# tree

.

├── client\_body\_temp

├── conf

│ ├── fastcgi.conf

│ ├── fastcgi.conf.default

│ ├── fastcgi\_params

│ ├── fastcgi\_params.default

│ ├── koi-utf

│ ├── koi-win

│ ├── mime.types

│ ├── mime.types.default

│ ├── nginx.conf

│ ├── nginx.conf.default

│ ├── scgi\_params

│ ├── scgi\_params.default

│ ├── uwsgi\_params

│ ├── uwsgi\_params.default

│ └── win-utf

├── fastcgi\_temp

├── html

│ ├── 50x.html

│ └── index.html

├── logs

│ ├── access.log

│ ├── error.log

│ └── nginx.pid

├── proxy\_temp

├── sbin

│ └── nginx

├── scgi\_temp

└── uwsgi\_temp

日志轮录

DIR=/application/nginx/logs

TIME=`/bin/date +%F -d -1day`

**cd** $DIR

/bin/mv www\_access.log www.access${TIME}.log

/application/nginx/sbin/nginx -s reload

增加到定时任务

$ crontab -e

00 00 \* \* \* /bin/sh /server/script/cut-log.sh >/dev/null 2&>1

### nginx 负载均衡

nginx做负载均衡最大的难点就是session共享，下面会介绍几个nginx调度算法，基本上

[Nginx/LVS/HAProxy负载均衡软件比较](http://www.rootop.org/pages/2773.html)

[nginx负载配置](http://homeway.me/2014/12/05/nginx-reverse-proxy-to-load-balance/)

大网站 前端 LVS—> NGINX/haproxy –> web server —> db/storage

session 会话共享

ip\_hash 缺点，负载不均

session 记录登录状态信息的

集群session会话的问题，在后端用memcached, redis 做缓存共享，

nginx fastcgi访问php

1、用户发送http请求报文给nginx服务器

2、nginx会根据文件url和后缀来判断请求

3、如果请求的是静态内容,nginx会将结果直接返回给用户

4、如果请求的是动态内容,nginx会将请求交给fastcgi客户端,通过fastcgi\_pass将这个请求发送给php-fpm

5、php-fpm会将请求交给wrapper

6、wrapper收到请求会生成新的线程调用php动态程序解析服务器

7、如果用户请求的是博文、或者内容、PHP会请求MySQL查询结果

8、如果用户请求的是图片、附件、PHP会请求nfs存储查询结果

9、php会将查询到的结果交给Nginx

10、nginx会生成一个响应报文返还给用户

## nginx 负载均衡算法

　　最近闲着无事，玩了下nginx。但本人在实践的过程中也遇到了一些问题，如，大家都知道应用服务器的处理都是无状态的，而nginx做了请求分发，我们在当前web服务器做得提交操作，可能下一刻就跑到另外一台服务器上去了，那么这个会话如何保持？cookies,session 该如何传递？本人为了偷懒，就直接转载吧，下面为转载内容。

　　Nginx负载均衡：

<http://www.cnblogs.com/xiaogangqq123/archive/2011/03/04/1971002.html>

　　nginx不单可以作为强大的web服务器，也可以作为一个反向代理服务器，而且nginx还可以按照调度规则实现动态、静态页面的分离，可以按照轮询、ip哈希、URL哈希、权重等多种方式对后端服务器做负载均衡，同时还支持后端服务器的健康检查。

　　如果只有一台服务器时,这个服务器挂了,那么对于网站来说是个灾难.因此，这时候的负载均衡就会大显身手了,它会自动剔除挂掉的服务器.

　　下面简单的介绍下我使用Nginx做负载的体会

　　下载—安装Nginx这些不介绍了,前篇有介绍.

　　windows和Linux下配置Nginx负载的写法一样,故不分开介绍.

　　Nginx负载均衡一些基础知识:

nginx 的 upstream目前支持 4 种方式的分配

1)、轮询（默认）

每个请求按时间顺序逐一分配到不同的后端服务器，如果后端服务器down掉，能自动剔除。

2)、weight

指定轮询几率，weight和访问比率成正比，用于后端服务器性能不均的情况。

2)、ip\_hash

每个请求按访问ip的hash结果分配，这样每个访客固定访问一个后端服务器，可以解决session的问题。

3)、fair（第三方）

按后端服务器的响应时间来分配请求，响应时间短的优先分配。

4)、url\_hash（第三方）

　　配置：

在http节点里添加:

#定义负载均衡设备的 Ip及设备状态

upstream myServer {

server 127.0.0.1:9090 down;

server 127.0.0.1:8080 weight=2;

server 127.0.0.1:6060;

server 127.0.0.1:7070 backup;

}

#在需要使用负载的Server节点下添加

proxy\_pass [http:](http://myserver)//myServer;

upstream 每个设备的状态:

* down 表示单前的server暂时不参与负载
* weight 默认为1.weight越大，负载的权重就越大。
* max\_fails ：允许请求失败的次数默认为1.当超过最大次数时，返回proxy\_next\_upstream 模块定义的错误
* fail\_timeout:max\_fails 次失败后，暂停的时间。
* backup： 其它所有的非backup机器down或者忙的时候，请求backup机器。所以这台机器压力会最轻。

Nginx还支持多组的负载均衡,可以配置多个upstream 来服务于不同的Server.

配置负载均衡比较简单,但是最关键的一个问题是怎么实现多台服务器之间session的共享

下面有几种方法(以下内容来源于网络,第四种方法没有实践.)

1) 不使用session，换作cookie

能把session改成cookie，就能避开session的一些弊端，在从前看的一本J2EE的书上，也指明在集群系统中不能用session，否则惹出祸端来就不好办。如果系统不复杂，就优先考虑能否将session去掉，改动起来非常麻烦的话，再用下面的办法。

2) 应用服务器自行实现共享

asp.net可以用数据库或memcached来保存session，从而在asp.net本身建立了一个session集群，用这样的方式可以令 session保证稳定，即使某个节点有故障，session也不会丢失，适用于较为严格但请求量不高的场合。但是它的效率是不会很高的，不适用于对效率 要求高的场合。

以上两个办法都跟nginx没什么关系，下面来说说用nginx该如何处理：

3) ip\_hash

nginx中的ip\_hash技术能够将某个ip的请求定向到同一台后端，这样一来这个ip下的某个客户端和某个后端就能建立起稳固的session，ip\_hash是在upstream配置中定义的：

upstream backend {

server 127.0.0.1:8080 ;

server 127.0.0.1:9090 ;

ip\_hash;

}

ip\_hash是容易理解的，但是因为仅仅能用ip这个因子来分配后端，因此ip\_hash是有缺陷的，不能在一些情况下使用：

1. nginx不是最前端的服务器。ip\_hash要求nginx一定是最前端的服务器，否则nginx得不到正确ip，就不能根据ip作hash。譬如使用的是squid为最前端，那么nginx取ip时只能得到squid的服务器ip地址，用这个地址来作分流是肯定错乱的。
2. nginx的后端还有其它方式的负载均衡。假如nginx后端又有其它负载均衡，将请求又通过另外的方式分流了，那么某个客户端的请求肯定不能定位到同一台session应用服务器上。这么算起来，nginx后端只能直接指向应用服务器，或者再搭一个squid，然后指向应用服务器。最好的办法是用location作一次分流，将需要session的部分请求通过ip\_hash分流，剩下的走其它后端去。

4) upstream\_hash

为了解决ip\_hash的一些问题，可以使用upstream\_hash这个第三方模块，这个模块多数情况下是用作url\_hash的，但是并不妨碍将它用来做session共享：

假如前端是squid，他会将ip加入x\_forwarded\_for这个http\_header里，用upstream\_hash可以用这个头做因子，将请求定向到指定的后端：

可见这篇文档：<http://www.sudone.com/nginx/nginx_url_hash.html>

在文档中是使用$request\_uri做因子，稍微改一下：

hash $http\_x\_forwarded\_for;

这样就改成了利用x\_forwarded\_for这个头作因子，在nginx新版本中可支持读取cookie值，所以也可以改成：

hash $cookie\_jsessionid;

假如在php中配置的session为无cookie方式，配合nginx自己的一个userid\_module模块就可以用nginx自发一个cookie，可参见userid模块的英文文档：

<http://wiki.nginx.org/NginxHttpUserIdModule>

另可用姚伟斌编写的模块upstream\_jvm\_route：<http://code.google.com/p/nginx-upstream-jvm-route/>

配置文件详细说明：

<http://www.cnblogs.com/xiaogangqq123/archive/2011/03/02/1969006.html>

　　在此记录下Nginx服务器nginx.conf的配置文件说明, 部分注释收集与网络.

#运行用户

**user** www-data;

#启动进程,通常设置成和cpu的数量相等

**worker\_processes** 1;

#全局错误日志及PID文件

**error\_log** /var/log/nginx/error.log;

**pid** /var/run/nginx.pid;

#工作模式及连接数上限

**events** {

**use** epoll; #epoll是多路复用IO(I/O Multiplexing)中的一种方式,但是仅用于linux2.6以上内核,可以大大提高nginx的性能

**worker\_connections** 1024;#单个后台worker process进程的最大并发链接数

# multi\_accept on;

}

#设定http服务器，利用它的反向代理功能提供负载均衡支持

**http** {

#设定mime类型,类型由mime.type文件定义

**include** /etc/nginx/mime.types;

**default\_type** application/octet-stream;

#设定日志格式

**access\_log** /var/log/nginx/access.log;

#sendfile 指令指定 nginx 是否调用 sendfile 函数（zero copy 方式）来输出文件，对于普通应用，

#必须设为 on,如果用来进行下载等应用磁盘IO重负载应用，可设置为 off，以平衡磁盘与网络I/O处理速度，降低系统的uptime.

**sendfile** on;

#tcp\_nopush on;

#连接超时时间

#keepalive\_timeout 0;

**keepalive\_timeout** 65;

**tcp\_nodelay** on;

#开启gzip压缩

**gzip** on;

**gzip\_disable** "MSIE [1-6]\.(?!.\*SV1)";

#设定请求缓冲

**client\_header\_buffer\_size** 1k;

**large\_client\_header\_buffers** 4 4k;

**include** /etc/nginx/conf.d/\*.conf;

**include** /etc/nginx/sites-enabled/\*;

#设定负载均衡的服务器列表

**upstream** mysvr {

#weigth参数表示权值，权值越高被分配到的几率越大

#本机上的Squid开启3128端口

**server** 192.168.8.1:3128 weight=5;

**server** 192.168.8.2:80 weight=1;

**server** 192.168.8.3:80 weight=6;

}

**server** {

#侦听80端口

**listen** 80;

#定义使用www.xx.com访问

**server\_name** www.xx.com;

#设定本虚拟主机的访问日志

**access\_log** logs/www.xx.com.access.log main;

#默认请求

**location** / {

**root** /root; #定义服务器的默认网站根目录位置

**index** index.php index.html index.htm; #定义首页索引文件的名称

**fastcgi\_pass** www.xx.com;

**fastcgi\_param** SCRIPT\_FILENAME $document\_root/$fastcgi\_script\_name;

**include** /etc/nginx/fastcgi\_params;

}

# 定义错误提示页面

**error\_page** [500](tel:500%20502%20503%20504) 502 [503](tel:500%20502%20503%20504) [504](tel:500%20502%20503%20504) /50x.html;

**location** = /50x.html {

**root** /root;

}

#静态文件，nginx自己处理

**location** ~ ^/(images|javascript|js|css|flash|media|static)/ {

**root** /var/www/virtual/htdocs;

#过期30天，静态文件不怎么更新，过期可以设大一点，如果频繁更新，则可以设置得小一点。

**expires** 30d;

}

#PHP 脚本请求全部转发到 FastCGI处理. 使用FastCGI默认配置.

**location** ~ \.php$ {

**root** /root;

**fastcgi\_pass** 127.0.0.1:9000;

**fastcgi\_index** index.php;

**fastcgi\_param** SCRIPT\_FILENAME /home/www/www$fastcgi\_script\_name;

**include** fastcgi\_params;

}

#设定查看Nginx状态的地址

**location** /NginxStatus {

**stub\_status** on;

**access\_log** on;

**auth\_basic** "NginxStatus";

**auth\_basic\_user\_file** conf/htpasswd;

}

#禁止访问 .htxxx 文件

**location** ~ /\.ht {

**deny** all;

}

}

}

以上是一些基本的配置,使用Nginx最大的好处就是负载均衡.如果要使用负载均衡的话,可以修改配置http节点如下：

#设定http服务器，利用它的反向代理功能提供负载均衡支持

http {

#设定mime类型,类型由mime.type文件定义

include /etc/nginx/mime.types;

default\_type application/octet-stream;

#设定日志格式

access\_log /var/**log**/nginx/access.**log**;

#省略上文有的一些配置节点

#。。。。。。。。。。

#设定负载均衡的服务器列表

upstream mysvr {

#weigth参数表示权值，权值越高被分配到的几率越大

server 192.168.8.1x:3128 weight=5;#本机上的Squid开启3128端口

server 192.168.8.2x:80 weight=1;

server 192.168.8.3x:80 weight=6;

}

upstream mysvr2 {

#weigth参数表示权值，权值越高被分配到的几率越大

server 192.168.8.x:80 weight=1;

server 192.168.8.x:80 weight=6;

}

#第一个虚拟服务器

server {

#侦听192.168.8.x的80端口

listen 80;

server\_name 192.168.8.x;

#对aspx后缀的进行负载均衡请求

location ~ .\*\.aspx$ {

root /root; #定义服务器的默认网站根目录位置

index index.php index.html index.htm; #定义首页索引文件的名称

proxy\_pass [http:](http://mysvr)//mysvr ;#请求转向mysvr 定义的服务器列表

#以下是一些反向代理的配置可删除.

proxy\_redirect off;

#后端的Web服务器可以通过X-Forwarded-For获取用户真实IP

proxy\_set\_header Host $host;

proxy\_set\_header X-Real-IP $remote\_addr;

proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;

client\_max\_body\_size 10m; #允许客户端请求的最大单文件字节数

client\_body\_buffer\_size 128k; #缓冲区代理缓冲用户端请求的最大字节数，

proxy\_connect\_timeout 90; #nginx跟后端服务器连接超时时间(代理连接超时)

proxy\_send\_timeout 90; #后端服务器数据回传时间(代理发送超时)

proxy\_read\_timeout 90; #连接成功后，后端服务器响应时间(代理接收超时)

proxy\_buffer\_size 4k; #设置代理服务器（nginx）保存用户头信息的缓冲区大小

proxy\_buffers 4 32k; #proxy\_buffers缓冲区，网页平均在32k以下的话，这样设置

proxy\_busy\_buffers\_size 64k; #高负荷下缓冲大小（proxy\_buffers\*2）

proxy\_temp\_file\_write\_size 64k; #设定缓存文件夹大小，大于这个值，将从upstream服务器传

}

}

}

web服务器安装appache

yum install httpd -y

$ /etc/init.d/httpd start

$ lsof -i :80

$ vim nginx.conf

worker\_processed 1;

events {

worker\_connections 1024;

}

http{

include mime.types;

defaulte\_**type** application/octet-stream;

sendfile on;

keepalive\_timeout 65;

upstream web\_pools {

ip\_**hash**;

server web01:80 weight=5;

server web02:80 weight=5;

server web03:80 weight=5 backup;

}

server {

listen 80;

server\_name www.gsandow.com

location / {

root html;

index index.html index.htm;

proxy\_pass http://web\_pools;

}

}

}

默认为轮录的方法来算，由weight来控制访问次数

ip\_hash; 一个IP只允许到一个IP，保证会话保持

backup为热备，

### upstream 负载均衡器

[nginx upstream](http://nginx.org/en/docs/http/ngx_http_upstream_conf_module.html)

支持的代理方式有 prxoy\_pass fastcgi\_pass,

memcached\_pass

upstream 模块应放于nginx.conf配置的http{}标签内

upstream 模块默认算法是wrr （weighted round-robin)

* server 172.16.1.7
* weight 权重
* max\_fails=2 最大尝试失败次数，建议为2-4
* backup
* fail\_timeout=20s，失败超时时间 京东3S，蓝汛10S
* down

## ip hash 会话保持

是解决动态网页session共享问题，但有时候会请求分配不均，

PHP IN SESSIOn共享缓存组

## fair 动态算法

响应时间短的优先分配，按照后端服务器RS的响应时间来分配请求

## url\_hash ，web缓存节点

按照url的hash结果来分配请求，让每个url定向到同一个后端服务器，后端服务器为缓存服务器时效果显著，可以提高 后端缓存服务器的效率（主要用于web缓存）

若一台down，

淘宝300T，怎么解决存储和缓存问题

### 自动安装nginx

#!/bin/sh

. /etc/init.d/**functions**

Dir="/application"

SoftDir="/home/sandow/tools"

# 错误输出，安装成功便会有TRUE显示

**function** **Msg** () {

**if** [ $? -eq 0 ];**then**

action "$1" /bin/true

**else**

action "$1" /bin/false

**exit** 1

**fi**

}

#增加用户，适用于nginx的用户

**function** **User** () {

use=`grep "nginx" /etc/passwd|wc -l`

[ -d $SoftDir ] ||/bin/mkdir $SoftDir -p && \

**cd** $SoftDir && \

**if** [ $use -ne 1 ];**then**

/usr/sbin/useradd -u 888 nginx -s /sbin/nologin -M &>/dev/null

**fi**

Msg "mkdir&user"

}

**function** **installNginx** () {

yum -y install pcre-devel openssl-devel >/dev/null && \

**cd** $SoftDir && \

/usr/bin/wget [http://nginx.org/download/nginx-](http://nginx.org/download/nginx-1.6.3.tar.gz)1.6[.3.tar.gz](http://nginx.org/download/nginx-1.6.3.tar.gz) && \

/bin/tar zxf nginx-1.6.3.tar.gz && \

**cd** nginx-1.6.3 && \

./configure --prefix=/application/nginx-1.6.3 \

--user=nginx \

--group=nginx \

--with-http\_ssl\_module \

--with-http\_stub\_status\_module &>/dev/null ||

make >/dev/null && make install >/dev/null && \

Msg "make and install"

}

# 配置nginx并且启动nginx，站点目录在/data/www下

**function** **deployN** () {

ln -s $Dir/nginx-1.6.3/ $Dir/nginx &>/dev/null && \

cat >/application/nginx/conf/nginx.conf <<EOF

worker\_processes 1;

events {

worker\_connections 1024;

}

http {

include mime.types;

default\_**type** application/octet-stream;

sendfile on;

access\_**log** /app/logs/access.log;

error\_**log** /app/logs/error.log;

keepalive\_timeout 65;

server {

listen 80;

server\_name www.etiantian.org;

root /data/www/www;

index index.html index.htm;

}

server {

listen 80;

server\_name bbs.etiantian.org;

root /data/www/bbs;

index index.html index.htm;

}

server {

listen 80;

server\_name blog.etiantian.org;

root /data/www/blog;

location / {

index index.php index.html index.htm;

}

location ~ .\*\.(php|php5)?$ {

fastcgi\_pass 127.0.0.1:9000;

fastcgi\_index index.php;

include fastcgi.conf;

}

}

}

EOF

}

**function** **startN** (){

/bin/mkdir -p /app/logs && \

/bin/mkdir -p /data/www/www /data/www/blog /data/www/bbs && \

chown -R nginx.nginx /data

net=`netstat -lntup |grep 80|grep -v "grep" |wc -l`

[ "$net" -ne 0 ] && /usr/bin/killall `netstat -lntup |grep 80|awk -F '/' '{print $NF}'` &>/dev/null && $Dir/nginx/sbin/nginx || $Dir/nginx/sbin/nginx &>/dev/null

Msg "Nginx start"

}

**function** **main** () {

User

installNginx

deployN

startN

}

main

## nginx location配置详解

### location 语法规则

location [=|~|~\*|^~] /uri/ { … }

**location** **= / {**

**# 精确匹配 / ，主机名后面不能带任何字符串**

**[ configuration** A ]

}

**location** **/ {**

**# 因为所有的地址都以 / 开头，所以这条规则将匹配到所有请求**

**# 但是正则和最长字符串会优先匹配**

**[ configuration** B ]

}

**location** **/documents**/ {

# 匹配任何以 /documents/ 开头的地址，匹配符合以后，还要继续往下搜索

# 只有后面的正则表达式没有匹配到时，这一条才会采用这一条

[ configuration C ]

}

**location** **~ /documents**/Abc {

# 匹配任何以 /documents/ 开头的地址，匹配符合以后，还要继续往下搜索

# 只有后面的正则表达式没有匹配到时，这一条才会采用这一条

[ configuration CC ]

}

**location** **^~ /images**/ {

# 匹配任何以 /images/ 开头的地址，匹配符合以后，停止往下搜索正则，采用这一条。

[ configuration D ]

}

**location** **~\* \.(gif**|jpg|jpeg)$ {

# 匹配所有以 gif,jpg或jpeg 结尾的请求

# 然而，所有请求 /images/ 下的图片会被 config D 处理，因为 ^~ 到达不了这一条正则

[ configuration E ]

}

**location** **/images**/ {

# 字符匹配到 /images/，继续往下，会发现 ^~ 存在

[ configuration F ]

}

**location** **/images**/abc {

# 最长字符匹配到 /images/abc，继续往下，会发现 ^~ 存在

# F与G的放置顺序是没有关系的

[ configuration G ]

}

**location** **~ /images**/abc/ {

# 只有去掉 config D 才有效：先最长匹配 config G 开头的地址，继续往下搜索，匹配到这一条正则，采用

[ configuration H ]

}

**location** **~\* /js**/.\*/\.js

|  |  |
| --- | --- |
| **符号** | **意思** |
| = | 开头表示精确匹配 |
| ^~ | 开头表示url以某个常规字符串开头，理解为匹配url路径即可，nginx不对url做编码，因此请求为/static/20%/aa,可以被规则 ^$ /static/ /aa 匹配到 |
| ~ | 区分大小写的正则匹配 |
| ~\* | 不区分大小写的正则匹配 |
| !~ !~\* | 区分大小写不匹配及不区分大小写不匹配的正则 |
| / | 通用匹配，任何请求都会匹配到 |

多个location配置的情况下匹配顺序为首先匹配 = 其次匹配 ^~ 其次是按文件中的顺序的正则匹配，最后是交给 / 通用匹配。 当匹配成功的时候，停止匹配，按当前匹配规则处理请求。

**location** **= / {**

**#规则A**

}

**location** **= /login** {

#规则B

}

**location** **^~ /static**/ {

#规则C

}

**location** **~ \.(gif**|jpg|png|js|css)$ {

#规则D

}

**location** **~\* \.png**$ {

#规则E

}

**location** **!~ \.xhtml**$ {

#规则F

}

**location** **!~\* \.xhtml**$ {

#规则G

}

**location** **/ {**

**#规则H**

}

那么产生的效果如下：

访问根目录/， 比如<http://localhost/> 将匹配规则A

访问 <http://localhost/login> 将匹配规则B，<http://localhost/register> 则匹配规则H

访问 <http://localhost/static/a.html> 将匹配规则C

访问 <http://localhost/a.gif>, <http://localhost/b.jpg> 将匹配规则D和规则E，但是规则D顺序优先，规则E不起作用，而 <http://localhost/static/c.png> 则优先匹配到规则C

访问 <http://localhost/a.PNG> 则匹配规则E，而不会匹配规则D，因为规则E不区分大小写。

访问 <http://localhost/a.xhtml> 不会匹配规则F和规则G，<http://localhost/a.XHTML>不会匹配规则G，因为不区分大小写。规则F，规则G属于排除法，符合匹配规则但是不会匹配到，所以想想看实际应用中哪里会用到。

访问 <http://localhost/category/id/1111> 则最终匹配到规则H，因为以上规则都不匹配，这个时候应该是nginx转发请求给后端应用服务器，比如FastCGI（php），tomcat（jsp），nginx作为反向代理服务器存在。

所以实际使用中，个人觉得至少有三个匹配规则定义，如下：

直接匹配网站根，通过域名访问网站首页比较频繁，使用这个会加速处理，官网如是说。

这里是直接转发给后端应用服务器了，也可以是一个静态首页

第一个必选规则

location = / {

proxy\_pass <http://tomcat:8080/index>

}

第二个必选规则是处理静态文件请求，这是nginx作为http服务器的强项

有两种配置模式，目录匹配或后缀匹配,任选其一或搭配使用

location ^~ /static/ {

root /webroot/static/;

}

location ~\* .(gif|jpg|jpeg|png|css|js|ico)$ {

root /webroot/res/;

}

第三个规则就是通用规则，用来转发动态请求到后端应用服务器

非静态文件请求就默认是动态请求，自己根据实际把握

毕竟目前的一些框架的流行，带.php,.jsp后缀的情况很少了

location / {

proxy\_pass <http://tomcat:8080/>

}

## ReWrite语法

rewrite功能就是，使用nginx提供的全局变量或自己设置的变量，结合正则表达式和标志位实现url重写以及重定向。rewrite只能放在server{},location{},if{}中，并且只能对域名后边的除去传递的参数外的字符串起作用，例如 <http://seanlook.com/a/we/index.php?id=1&u=str> 只对/a/we/index.php重写。语法rewrite regex replacement [flag];

如果相对域名或参数字符串起作用，可以使用全局变量匹配，也可以使用proxy\_pass反向代理。

表明看rewrite和location功能有点像，都能实现跳转，主要区别在于rewrite是在同一域名内更改获取资源的路径，而location是对一类路径做控制访问或反向代理，可以proxy\_pass到其他机器。很多情况下rewrite也会写在location里，它们的执行顺序是：

执行server块的rewrite指令

执行location匹配

执行选定的location中的rewrite指令

如果其中某步URI被重写，则重新循环执行1-3，直到找到真实存在的文件；循环超过10次，则返回500 Internal Server Error错误。

### flag 标志位

last – 基本上都用这个Flag。

break – 中止Rewirte，不在继续匹配

redirect – 返回临时重定向的HTTP状态302

permanent – 返回永久重定向的HTTP状态301

因为301和302不能简单的只返回状态码，还必须有重定向的URL，这就是return指令无法返回301,302的原因了。这里 last 和 break 区别有点难以理解：

last一般写在server和if中，而break一般使用在location中

last不终止重写后的url匹配，即新的url会再从server走一遍匹配流程，而break终止重写后的匹配

break和last都能组织继续执行后面的rewrite指令

### if 指令与全局变量

语法为if(condition){…}，对给定的条件condition进行判断。如果为真，大括号内的rewrite指令将被执行，if条件(conditon)可以是如下任何内容：

当表达式只是一个变量时，如果值为空或任何以0开头的字符串都会当做false

直接比较变量和内容时，使用=或!=

~正则表达式匹配，~\*不区分大小写的匹配，!~区分大小写的不匹配

1、下面是可以用来判断的表达式：

-f和!-f用来判断是否存在文件

-d和!-d用来判断是否存在目录

-e和!-e用来判断是否存在文件或目录

-x和!-x用来判断文件是否可执行

2、下面是可以用作判断的全局变量

**if** ($http\_user\_agent ~ MSIE) {

rewrite ^(.\*)$ /msie/$1 break;

} //如果UA包含"MSIE"，rewrite请求到/msid/目录下

**if** ($http\_cookie ~\* "id=([^;]+)(?:;|$)") {

set $id $1;

} //如果cookie匹配正则，设置变量$id等于正则引用部分

**if** ($request\_method = POST) {

return 405;

} //如果提交方法为POST，则返回状态405（Method not allowed）。**return**不能返回301,302

**if** ($slow) {

limit\_rate 10k;

} //限速，$slow可以通过 set 指令设置

**if** (!-f $request\_filename){

break;

proxy\_pass [http://](http://127.0.0.1)127.0[.0.1](http://127.0.0.1);

} //如果请求的文件名不存在，则反向代理到localhost 。这里的break也是停止rewrite检查

**if** ($args ~ post=140){

rewrite ^ http://example.com/ permanent;

} //如果query string中包含"post=140"，永久重定向到example.com

location ~\* \.(gif|jpg|png|swf|flv)$ {

valid\_referers none blocked www.jefflei.com www.leizhenfang.com;

if ($invalid\_referer) {

return 404;

} //防盗链

}

例：[http://localhost:](http://localhost:88/test1/test2/test.php)88[/test1/test2/test.php](http://localhost:88/test1/test2/test.php)

$host：localhost

$server\_port：88

$request\_uri：http://localhost:88/test1/test2/test.php

$document\_uri：/test1/test2/test.php

$document\_root：D:\nginx/html

$request\_filename：D:\nginx/html/test1/test2/test.php

四、Redirect语法

**server** {

**listen** 80;

**server\_name** start.igrow.cn;

**index** index.html index.php;

**root** html;

**if** ($http\_host !~ “^star\.igrow\.cn$&quot {

**rewrite** ^(.\*) [http://star.igrow.cn](http://star.igrow.cn$1)$1 redirect;

}

}

五、防盗链

location ~\* \.(gif|jpg|swf)$ {

valid\_referers none blocked start.igrow.cn sta.igrow.cn;

**if** ($invalid\_referer) {

rewrite ^/ [http://](http://$host/logo.png)$host[/logo.png](http://$host/logo.png);

}

}

六、根据文件类型设置过期时间

location ~**\*** \.(js|css|jpg|jpeg|gif|png|swf)$ {

if (-f $request\_filename) {

expires 1h;

break;

}

}

七、禁止访问某个目录

location ~\* \.(txt|doc)${

root /data/www/wwwroot/linuxtone/test;

deny all;

}

一些可用的全局变量:

$args ： #这个变量等于请求行中的参数，同$query\_string

$content\_length ： 请求头中的Content-length字段。

$content\_type ： 请求头中的Content-**Type**字段。

$document\_root ： 当前请求在root指令中指定的值。

$host ： 请求主机头字段，否则为服务器名称。

$http\_user\_agent ： 客户端agent信息

$http\_cookie ： 客户端cookie信息

$limit\_rate ： 这个变量可以限制连接速率。

$request\_method ： 客户端请求的动作，通常为GET或**POST**。

$remote\_addr ： 客户端的IP地址。

$remote\_port ： 客户端的端口。

$remote\_user ： 已经经过Auth Basic Module验证的用户名。

$request\_filename ： 当前请求的文件路径，由root或alias指令与URI请求生成。

$scheme ： HTTP方法（如http，https）。

$server\_protocol ： 请求使用的协议，通常是HTTP/1.0或HTTP/1.1。

$server\_addr ： 服务器地址，在完成一次系统调用后可以确定这个值。

$server\_name ： 服务器名称。

$server\_port ： 请求到达服务器的端口号。

$request\_uri ： 包含请求参数的原始URI，不包含主机名，如：”/foo/bar.php?arg=baz”。

$uri ： 不带请求参数的当前URI，$uri不包含主机名，如”/foo/bar.html”。

$document\_uri ： 与$uri相同。

# nginx 优化

expires 客户端缓存

gzip 压缩

调整worker线程数，并发连接数，文件描述符，CPU亲和力

单个worker线程并发连接数

采用epoll模型(在events标签里面)事件处理

隐藏web名称和版本号

调整连接超时，高效传输模式

servername hash表大小

facgi buffer cache

proxy cach, buffer(nginx cache)

防止恶意域名解析

站点目录权限控制

tmpfs 优化临时缓存目录

通过MC做会话保持

控制上传文件，body、header大小，timeout

限制指定目录禁止请求(get, post)方法

限制IP访问

日志轮询，不记录某些日志，代理不要开访问日志

错误页面显示

资源防盗链 : 使用http 头部refer来防盗链

让nginx服务使用普通用户，

使用root用户master 进程有两个最大问题：

1. 管理权限必须是root,这就是使得最小化分配权限原则遇到难题
2. 使用root跑nginx服务，一旦网站出现漏洞，用户 就可以很容易地获得服务器的root权限

ngx\_http\_limit\_conn\_module

ngx\_http\_limit\_req\_module

Nginx配置文件主要分成四部分：main（全局设置）、server（主机设置）、upstream（上游服务器设置，主要为反向代理、负载均衡相关配置）和 location（URL匹配特定位置后的设置），每部分包含若干个指令。main部分设置的指令将影响其它所有部分的设置；server部分的指令主要用于指定虚拟主机域名、IP和端口；upstream的指令用于设置一系列的后端服务器，设置反向代理及后端服务器的负载均衡；location部分用于匹配网页位置（比如，根目录“/”,“/images”,等等）。他们之间的关系式：server继承main，location继承server；upstream既不会继承指令也不会被继承。它有自己的特殊指令，不需要在其他地方的应用。

proxy\_set\_header Host /var/folders/mq/4lvpwvdj5y353n3h1fv3lv3m0000gn/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p1401remote\_addr;

proxy\_connect\_timeout 60;

proxy\_send\_timeout 60;

proxy\_read\_timeout 60;

proxy\_buffer\_size 4k;

proxy\_buffers 4 32k;

proxy\_busy\_buffers\_size 64k;

proxy\_temp\_file\_write\_size 64k;

/var/folders/mq/4lvpwvdj5y353n3h1fv3lv3m0000gn/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p1401document\_root， 此变量等同于当前请求root命令指定的值。

$uri，此变量等同于当前变量的request的URI。

/var/folders/mq/4lvpwvdj5y353n3h1fv3lv3m0000gn/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p1400uri含义一样

/var/folders/mq/4lvpwvdj5y353n3h1fv3lv3m0000gn/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p1401limit\_rate，此变量用来设置限制连接的速率

/var/folders/mq/4lvpwvdj5y353n3h1fv3lv3m0000gn/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p1401remote\_port，此变量表示客户端端口

/var/folders/mq/4lvpwvdj5y353n3h1fv3lv3m0000gn/T/com.microsoft.Word/WebArchiveCopyPasteTempFiles/p1401request\_method，此变量等用于reques的method，通常是“GET”或“POST”

正则表达式匹配：

~表示区分大小写匹配

~\* 不区分大小写匹配

!~和!~\*分别表示区分大小写不匹配以及不区分大小写不匹配。

文件及目录匹配：

-f和!~f用来判断是否存在文件

-d和!~d用来判断是否存在目录

-e和!~e用来判断是否存在文件或目录

-x和!~x用来判断文件是否可执行

## php优化

当客户端请求一个PHP程序时，服务器的PHP引擎会解析该PHP程序，并将其编译为特定的操作码(operate code, opcode) 这是要执行的PHP代码的一种二进制表示形式，默认情况下，这个编译操作码文件由PHP引擎后丢弃，操作码缓存的原理就是将这个编译后的操作码保存下来，并放到共享内存里，以使在下一次调研PHP页面时重用它，避免相同代码的重复编译，节省了PHP引擎重复编译的时间，降低了服务器负载，同时减少了CPU的内存开销。

php 缓存加速器软件常见的各类有 xcache, eaccelerator, APC(Alternative php cache, zendOpacache).

一致性hash 原理，实践

nginx 状态脚本监控，页面显示，

预习php.ini, php-fpm.conf优化，mysql优化

nginx cache ssl waf

%23%20Nginx%20%u4ECE%u5165%u95E8%u5230%u7CBE%u901A%0A@%28linux%29%5Bnginx%5D%0A%0A%5BTOC%5D%0A%23%23%20nginx%20%u7B80%u5355%u4ECB%u7ECD%0A%23%23%23%20nginx%u7684%u8FDB%u7A0B%u6A21%u578B%u4E0E%u4E8B%u4EF6%u6A21%u578B%0A%0A%21%5BAlt%20text%5D%28./1458640505785.png%29%0A%0Anginx%u540E%u53F0%u8FDB%u7A0B%u4E00%u4E2Amaster%u8FDB%u7A0B%uFF0C%u591A%u4E2Aworker%u8FDB%u7A0B%u3002master%u8FDB%u7A0B%u4E3B%u8981%u7528%u6765%u7BA1%u7406worker%u8FDB%u7A0B%uFF0C%u5305%u542B%u63A5%u6536%u6765%u81EA%u5916%u754C%u7684%u4FE1%u53F7%uFF0C%u7136%u540E%u5411%u5404worker%u8FDB%u7A0B%u53D1%u4FE1%u53F7%uFF0C%u5E76%u76D1%u63A7worker%u7684%u8FD0%u884C%u72B6%u6001%u3002worker%u7684%u6570%u91CF%u53EF%u4EE5%u6709%u591A%u4E2A%uFF0C%u5728master%u8FDB%u7A0B%u91CC%u9762%uFF0C%u5148%u5EFA%u7ACB%u597Dlisten%u7684socket%28listenfd%29%u4E4B%u540E%uFF0C%u7136%u540E%u518Dfork%u51FA%u591A%u4E2Awork%u8FDB%u7A0B%uFF0C%u4E00%u822Cwork%u8FDB%u7A0B%u6570%u636E%u4E0E%u673A%u5668CPU%u6838%u6570%u4E00%u81F4%28%u9632%u6B62work%u8FDB%u7A0B%u7ADF%u4E89CPU%u8D44%u6E90%uFF0C%u5E26%u6765%u4E0D%u5FC5%u8981%u7684%u4E0A%u4E0B%u6587%u5207%u6362%uFF0C%u7ED1%u5B9A%u53C8%u4F1A%u9632%u6B62%u8FDB%u7A0B%u7684%u5207%u6362%u5E26%u6765%u7684cache%u5931%u6548%29%u3002%0A%0A%0A%u5982%u679Creload%uFF0C%u6267%u884C%u547D%u4EE4%u65F6%u6211%u4EEC%u542F%u52A8%u4E00%u4E2A%u65B0%u7684nginx%u8FDB%u7A0B%uFF0C%u65B0%u7684nginx%u8FDB%u7A0B%u5728%u89E3%u6790%u5230reload%u53C2%u6570%u540E%uFF0C%u5C31%u77E5%u9053%u6211%u4EEC%u7684%u76EE%u7684%u662F%u63A7%u5236nginx%u91CD%u65B0%u52A0%u8F7D%u914D%u7F6E%u6587%u4EF6%uFF0C%u5B83%u4F1A%u5411master%u8FDB%u7A0B%u53D1%u9001%u4FE1%u53F7%uFF0C%u7136%u540Emaster%u91CD%u65B0%u52A0%u8F7D%u914D%u7F6E%u6587%u4EF6%uFF0C%u7136%u540E%u518D%u542F%u52A8%u65B0%u7684worker%u8FDB%u7A0B%uFF0C%u5E76%u5411%u6240%u6709%u8001%u7684worker%u8FDB%u7A0B%u53D1%u9001%u4FE1%u53F7%uFF0C%u544A%u8BC9%u4ED6%u4EEC%u53EF%u4EE5%u5149%u8363%u9000%u4F11%u4E86%u3002%u65B0worker%u5F00%u59CB%u63A5%u6536%u65B0%u8BF7%u6C42%uFF0C%u8001%u7684worker%u6536%u5230master%u7684%u4FE1%u53F7%u540E%u4E0D%u518D%u63A5%u6536%u65B0%u7684%u8BF7%u6C42%uFF0C%u5E76%u4E14%u5F53%u8FDB%u7A0B%u4E2D%u6240%u6709%u672A%u5904%u7406%u5B8C%u7684%u8BF7%u6C42%u5904%u7406%u5B8C%u6210%u540E%uFF0C%u518D%u9000%u51FA%u3002%0A%0A%0Anginx%u91C7%u7528%u4E86%u5F02%u6B65%u975E%u963B%u585E%u7684%u65B9%u5F0F%u6765%u5904%u7406%u8BF7%u6C42%uFF0C%u4E5F%u5C31%u662F%u8BF4nginx%u53EF%u4EE5%u73B0%u65F6%u5904%u7406%u6210%u5343%u4E0A%u4E07%u4E2A%u8BF7%u6C42%u3002%0A%uFF08apache%20%u4E5F%u6709%u5F02%u6B65%u975E%u963B%u585E%uFF0C%u6BCF%u4E2A%u8BF7%u6C42%u4F1A%u72EC%u5360%u4E00%u4E2A%u5DE5%u4F5C%u7EBF%u7A0B%uFF0C%u5F53%u5E76%u53D1%u6570%u4E0A%u5230%u51E0%u5343%u65F6%uFF0C%u5C31%u540C%u65F6%u6709%u51E0%u5343%u4E2A%u7EBF%u7A0B%u5728%u5904%u7406%u8BF7%u6C42%uFF0C%u5BF9%u64CD%u4F5C%u7CFB%u7EDF%u6765%u8BF4%uFF0C%u662F%u4E0D%u5C0F%u7684%u6311%u6218%uFF0C%u7EBF%u7A0B%u5E26%u6765%u7684%u5185%u5B58%u5360%u7528%u975E%u5E38%u5927%2C%u7EBF%u7A0B%u4E4B%u95F4%u7684%u4E0A%u4E0B%u6587%u5207%u6362%u5E26%u6765%u7684cpu%u5F00%u9500%u5F88%u5927%uFF0C%u6027%u80FD%u5C31%u4E0A%u4E0D%u53BB%u3002%uFF09%0A%0A%3E%20\*\*%u963B%u585E%u4E0E%u975E%u963B%u585E\*\*%uFF1A%0A%3E%u8BF7%u6C42%u7684%u5B8C%u6574%u8FC7%u7A0B%u4E3A%uFF1A%u8BF7%u6C42%u8FC7%u6765%uFF0C%u5EFA%u7ACB%u8FDE%u63A5%uFF0C%u63A5%u6536%u6570%u636E%uFF0C%u53D1%u9001%u6570%u636E%u3002%u5177%u4F53%u5230%u7CFB%u7EDF%u5E95%u5C42%uFF0C%u5C31%u662F%u8BFB%u5199%u4E8B%u4EF6%u3002%u5F53%u8BFB%u5199%u4E8B%u4EF6%u6CA1%u6709%u51C6%u5907%u597D%u65F6%uFF0C%u5FC5%u7136%u4E0D%u53EF%u64CD%u4F5C%u3002%u963B%u585E%u5C31%u662F%u4E8B%u4EF6%u6CA1%u51C6%u5907%u597D%uFF0C%u5C31%u7B49%u7740%uFF0C%u7B49%u4E8B%u4EF6%u51C6%u5907%u597D%u4E86%uFF0C%u7EE7%u7EED%u3002%0A%3E\*\*%u963B%u585E\*\*%20%u4F1A%u8FDB%u5165%u5185%u6838%u7B49%u5F85%uFF0Ccpu%u5C31%u4F1A%u8BA9%u51FA%u53BB%u7ED9%u522B%u4EBA%u7528%uFF0C%u5BF9%u5355%u7EBF%u7A0B%u7684worker%u6765%u8BF4%uFF0C%u663E%u7136%u4E0D%u5408%u9002%uFF0C%u5F53%u7F51%u7EDC%u4E8B%u4EF6%u8D8A%u591A%u65F6%uFF0C%u5927%u5BB6%u90FD%u7B49%u5F85%u5462%uFF0Ccpu%u7A7A%u95F2%u4E0B%u6765%u6CA1%u4EBA%u7528%u3002cpu%u5229%u7528%u7387%u4E0A%u4E0D%u53BB%u3002%0A%3E\*\*%u975E%u963B%u585E\*\*%uFF0C%u5C31%u662F%u4E8B%u4EF6%u6CA1%u51C6%u5907%u597D%uFF0C%u9A6C%u4E0A%u8FD4%u56DEeagain%uFF0C%u4E8B%u4EF6%u6CA1%u51C6%u5907%u597D%uFF0C%u7136%u540E%u5B9A%u671F%u68C0%u67E5%u4E8B%u4EF6%u662F%u5426%u51C6%u5907%u597D%u3002%0A%0A%3E%20\*\*%u5F02%u6B65%u975E%u963B%u585E%u5904%u7406%u673A%u5236\*\*%uFF0C%u5177%u4F53%u5230%u7CFB%u7EDF%u8C03%u7528%u5C31%u662Fselect/poll/epoll/kqueue%u8FD9%u6837%u7684%u7CFB%u7EDF%u8C03%u7528%0A%u62FFepoll%u4E3A%u4F8B%28%u4EE5%u4EE3%u8868%u8FD9%u4E00%u7C7B%u51FD%u6570%29%uFF0C%u5F53%u4E8B%u4EF6%u6CA1%u51C6%u5907%u597D%u65F6%uFF0C%u653E%u5230epoll%u91CC%u9762%uFF0C%u4E8B%u4EF6%u51C6%u5907%u597D%u4E86%uFF0C%u6211%u4EEC%u5C31%u53BB%u8BFB%u5199%uFF0C%u5F53%u8BFB%u5199%u8FD4%u56DEEAGAIN%u65F6%uFF0C%u6211%u4EEC%u5C06%u5B83%u518D%u6B21%u52A0%u5165%u5230epoll%u91CC%u9762%u3002%u8FD9%u6837%uFF0C%u53EA%u8981%u6709%u4E8B%u4EF6%u51C6%u5907%u597D%u4E86%uFF0C%u6211%u4EEC%u5C31%u53BB%u5904%u7406%u5B83%uFF0C%u53EA%u6709%u5F53%u6240%u6709%u4E8B%u4EF6%u90FD%u6CA1%u51C6%u5907%u597D%u65F6%uFF0C%u624D%u5728epoll%u91CC%u9762%u7B49%u7740%u3002%u8FD9%u6837%uFF0C%u6211%u4EEC%u5C31%u53EF%u4EE5%u5E76%u53D1%u5904%u7406%u5927%u91CF%u7684%u5E76%u53D1%u4E86%uFF0C%u5F53%u7136%uFF0C%u8FD9%u91CC%u7684%u5E76%u53D1%u8BF7%u6C42%uFF0C%u662F%u6307%u672A%u5904%u7406%u5B8C%u7684%u8BF7%u6C42%uFF0C%u7EBF%u7A0B%u53EA%u6709%u4E00%u4E2A%uFF0C%u6240%u4EE5%u540C%u65F6%u80FD%u5904%u7406%u7684%u8BF7%u6C42%u5F53%u7136%u53EA%u6709%u4E00%u4E2A%u4E86%uFF0C%u53EA%u662F%u5728%u8BF7%u6C42%u95F4%u8FDB%u884C%u4E0D%u65AD%u5730%u5207%u6362%u800C%u5DF2%uFF0C%u5207%u6362%u4E5F%u662F%u56E0%u4E3A%u5F02%u6B65%u4E8B%u4EF6%u672A%u51C6%u5907%u597D%uFF0C%u800C%u4E3B%u52A8%u8BA9%u51FA%u7684%u3002%u8FD9%u91CC%u7684%u5207%u6362%u662F%u6CA1%u6709%u4EFB%u4F55%u4EE3%u4EF7%uFF0C%u4F60%u53EF%u4EE5%u7406%u89E3%u4E3A%u5FAA%u73AF%u5904%u7406%u591A%u4E2A%u51C6%u5907%u597D%u7684%u4E8B%u4EF6%uFF0C%u4E8B%u5B9E%u4E0A%u5C31%u662F%u8FD9%u6837%u7684%u3002%u4E0E%u591A%u7EBF%u7A0B%u76F8%u6BD4%uFF0C%u8FD9%u79CD%u4E8B%u4EF6%u5904%u7406%u65B9%u5F0F%u662F%u6709%u5F88%u5927%u7684%u4F18%u52BF%u7684%uFF0C%u4E0D%u9700%u8981%u521B%u5EFA%u7EBF%u7A0B%uFF0C%u6BCF%u4E2A%u8BF7%u6C42%u5360%u7528%u7684%u5185%u5B58%u4E5F%u5F88%u5C11%uFF0C%u6CA1%u6709%u4E0A%u4E0B%u6587%u5207%u6362%uFF0C%u4E8B%u4EF6%u5904%u7406%u975E%u5E38%u7684%u8F7B%u91CF%u7EA7%u3002%u5E76%u53D1%u6570%u518D%u591A%u4E5F%u4E0D%u4F1A%u5BFC%u81F4%u65E0%u8C13%u7684%u8D44%u6E90%u6D6A%u8D39%uFF08%u4E0A%u4E0B%u6587%u5207%u6362%uFF09%u3002%u66F4%u591A%u7684%u5E76%u53D1%u6570%uFF0C%u53EA%u662F%u4F1A%u5360%u7528%u66F4%u591A%u7684%u5185%u5B58%u800C%u5DF2%u3002%20%u6211%u4E4B%u524D%u6709%u5BF9%u8FDE%u63A5%u6570%u8FDB%u884C%u8FC7%u6D4B%u8BD5%uFF0C%u572824G%u5185%u5B58%u7684%u673A%u5668%u4E0A%uFF0C%u5904%u7406%u7684%u5E76%u53D1%u8BF7%u6C42%u6570%u8FBE%u5230%u8FC7200%u4E07%u3002%u73B0%u5728%u7684%u7F51%u7EDC%u670D%u52A1%u5668%u57FA%u672C%u90FD%u91C7%u7528%u8FD9%u79CD%u65B9%u5F0F%uFF0C%u8FD9%u4E5F%u662Fnginx%u6027%u80FD%u9AD8%u6548%u7684%u4E3B%u8981%u539F%u56E0%u3002%0A%0Aweb%u670D%u52A1%u5668%u7684%u4E8B%u4EF6%u6A21%u578B%u6709%u4E09%u79CD%u7C7B%u578B%uFF1A%u7F51%u7EDC%u4E8B%u4EF6%uFF0C%u4FE1%u53F7%uFF0C%u5B9A%u65F6%u5668%0A1.%20nginx%u7684%u7F51%u7EDC%u4E8B%u4EF6%u4F7F%u7528%u7684%u662F%u5F02%u6B65%u975E%u963B%u585E%u5904%u7406%u673A%u5236%uFF0C%0A2.%20%u4FE1%u53F7%u5904%u7406%20%u4F7F%u7528epoll%20%u6A21%u578B%0A3.%20epoll\_wait%u7B49%u51FD%u6570%u8C03%u7528%u7684%u65F6%u5019%u53EF%u4EE5%u8BBE%u7F6E%u4E00%u4E2A%u8D85%u65F6%u65F6%u95F4%uFF0C%u6240%u4EE5nginx%u501F%u52A9%u8FD9%u4E2A%u8D85%u65F6%u65F6%u95F4%u6765%u5B9E%u73B0%u5B9A%u65F6%u5668%u3002nginx%u5B9A%u65F6%u5668%u662F%u653E%u5728%u7EA2%u9ED1%u6811%u91CC%u9762%u3002%0A%0A%23%23%23%20nginx%u5904%u7406%u8BF7%u6C42%u539F%u7406%0A%0Aconnection%20%20%u5728nginx%u4E2Dconnection%u5C31%u662F%u5BF9tcp%u8FDE%u63A5%u7684%u5C01%u88C5%uFF0C%u8BFB%u4E8B%u4EF6%uFF0C%u5199%u4E8B%u4EF6%u3002%u5229%u7528nginx%u5C01%u88C5%u7684connection%uFF0C%20%u6211%u4EEC%u5F88%u65B9%u4FBF%u7684%u4F7F%u7528nginx%u6765%u5904%u7406%u4E0E%u8FDE%u63A5%u76F8%u5173%u7684%u4E8B%u60C5%u3002%u6BD4%u5982%u8FDE%u63A5%uFF0C%u53D1%u9001%uFF0C%u63A5%u53D7%u6570%u636E%u3002nginx%u7684http%u8BF7%u6C42%u7684%u5904%u7406%u662F%u5EFA%u7ACB%u5728connection%20%u4E4B%u4E0A%u7684%uFF0C%u6240%u4EE5nginx%u4E0D%u4EC5%u53EF%u4EE5%u4F5C%u4E3A%u4E00%u4E2Aweb%u670D%u52A1%u5668%2C%u4E5F%u53EF%u4EE5%u4F5C%u4E3A%u90AE%u4EF6%u670D%u52A1%u5668%u3002%u5229%u7528nginx%u7684connection%uFF0C%u53EF%u4EE5%u4E0E%u4EFB%u4F55%u540E%u7AEF%u6253%u4EA4%u9053%0A%0A%u5728nginx%u4E2D%uFF0C%u6BCF%u4E2A%u8FDB%u7A0B%u4F1A%u6709%u4E00%u4E2A%u8FDE%u63A5%u6570%u7684%u6700%u5927%u4E0A%u9650%uFF0C%u8FD9%u4E2A%u4E0A%u9650%u4E0E%u7CFB%u7EDF%u5BF9fd%u7684%u9650%u5236%u4E0D%u4E00%u6837%u3002%u5728%u64CD%u4F5C%u7CFB%u7EDF%u4E2D%uFF0C%u901A%u8FC7ulimit%20-n%uFF0C%u6211%u4EEC%u53EF%u4EE5%u5F97%u5230%u4E00%u4E2A%u8FDB%u7A0B%u6240%u80FD%u591F%u6253%u5F00%u7684fd%u7684%u6700%u5927%u6570%uFF0C%u5373nofile%uFF0C%u56E0%u4E3A%u6BCF%u4E2Asocket%u8FDE%u63A5%u4F1A%u5360%u7528%u6389%u4E00%u4E2Afd%uFF0C%u6240%u4EE5%u8FD9%u4E5F%u4F1A%u9650%u5236%u6211%u4EEC%u8FDB%u7A0B%u7684%u6700%u5927%u8FDE%u63A5%u6570%uFF0C%u5F53%u7136%u4E5F%u4F1A%u76F4%u63A5%u5F71%u54CD%u5230%u6211%u4EEC%u7A0B%u5E8F%u6240%u80FD%u652F%u6301%u7684%u6700%u5927%u5E76%u53D1%u6570%uFF0C%u5F53fd%u7528%u5B8C%u540E%uFF0C%u518D%u521B%u5EFAsocket%u65F6%uFF0C%u5C31%u4F1A%u5931%u8D25%u3002nginx%u901A%u8FC7%u8BBE%u7F6Eworker\_connectons%u6765%u8BBE%u7F6E%u6BCF%u4E2A%u8FDB%u7A0B%u652F%u6301%u7684%u6700%u5927%u8FDE%u63A5%u6570%u3002%u5982%u679C%u8BE5%u503C%u5927%u4E8Enofile%uFF0C%u90A3%u4E48%u5B9E%u9645%u7684%u6700%u5927%u8FDE%u63A5%u6570%u662Fnofile%uFF0Cnginx%u4F1A%u6709%u8B66%u544A%u3002nginx%u5728%u5B9E%u73B0%u65F6%uFF0C%u662F%u901A%u8FC7%u4E00%u4E2A%u8FDE%u63A5%u6C60%u6765%u7BA1%u7406%u7684%uFF0C%u6BCF%u4E2Aworker%u8FDB%u7A0B%u90FD%u6709%u4E00%u4E2A%u72EC%u7ACB%u7684%u8FDE%u63A5%u6C60%uFF0C%u8FDE%u63A5%u6C60%u7684%u5927%u5C0F%u662Fworker\_connections%u3002%u8FD9%u91CC%u7684%u8FDE%u63A5%u6C60%u91CC%u9762%u4FDD%u5B58%u7684%u5176%u5B9E%u4E0D%u662F%u771F%u5B9E%u7684%u8FDE%u63A5%uFF0C%u5B83%u53EA%u662F%u4E00%u4E2Aworker\_connections%u5927%u5C0F%u7684%u4E00%u4E2Angx\_connection\_t%u7ED3%u6784%u7684%u6570%u7EC4%u3002%u5E76%u4E14%uFF0Cnginx%u4F1A%u901A%u8FC7%u4E00%u4E2A%u94FE%u8868free\_connections%u6765%u4FDD%u5B58%u6240%u6709%u7684%u7A7A%u95F2ngx\_connection\_t%uFF0C%u6BCF%u6B21%u83B7%u53D6%u4E00%u4E2A%u8FDE%u63A5%u65F6%uFF0C%u5C31%u4ECE%u7A7A%u95F2%u8FDE%u63A5%u94FE%u8868%u4E2D%u83B7%u53D6%u4E00%u4E2A%uFF0C%u7528%u5B8C%u540E%uFF0C%u518D%u653E%u56DE%u7A7A%u95F2%u8FDE%u63A5%u94FE%u8868%u91CC%u9762%u3002%0A%0A%u5728%u8FD9%u91CC%uFF0C%u5F88%u591A%u4EBA%u4F1A%u8BEF%u89E3worker\_connections%u8FD9%u4E2A%u53C2%u6570%u7684%u610F%u601D%uFF0C%u8BA4%u4E3A%u8FD9%u4E2A%u503C%u5C31%u662Fnginx%u6240%u80FD%u5EFA%u7ACB%u8FDE%u63A5%u7684%u6700%u5927%u503C%u3002%u5176%u5B9E%u4E0D%u7136%uFF0C%u8FD9%u4E2A%u503C%u662F%u8868%u793A%u6BCF%u4E2Aworker%u8FDB%u7A0B%u6240%u80FD%u5EFA%u7ACB%u8FDE%u63A5%u7684%u6700%u5927%u503C%uFF0C%u6240%u4EE5%uFF0C%u4E00%u4E2Anginx%u80FD%u5EFA%u7ACB%u7684%u6700%u5927%u8FDE%u63A5%u6570%uFF0C%u5E94%u8BE5%u662Fworker\_connections%20\*%20worker\_processes%u3002%u5F53%u7136%uFF0C%u8FD9%u91CC%u8BF4%u7684%u662F%u6700%u5927%u8FDE%u63A5%u6570%uFF0C%u5BF9%u4E8EHTTP%u8BF7%u6C42%u672C%u5730%u8D44%u6E90%u6765%u8BF4%uFF0C%u80FD%u591F%u652F%u6301%u7684%u6700%u5927%u5E76%u53D1%u6570%u91CF%u662Fworker\_connections%20\*%20worker\_processes%uFF0C%u800C%u5982%u679C%u662FHTTP%u4F5C%u4E3A%u53CD%u5411%u4EE3%u7406%u6765%u8BF4%uFF0C%u6700%u5927%u5E76%u53D1%u6570%u91CF%u5E94%u8BE5%u662Fworker\_connections%20\*%20worker\_processes/2%u3002%u56E0%u4E3A%u4F5C%u4E3A%u53CD%u5411%u4EE3%u7406%u670D%u52A1%u5668%uFF0C%u6BCF%u4E2A%u5E76%u53D1%u4F1A%u5EFA%u7ACB%u4E0E%u5BA2%u6237%u7AEF%u7684%u8FDE%u63A5%u548C%u4E0E%u540E%u7AEF%u670D%u52A1%u7684%u8FDE%u63A5%uFF0C%u4F1A%u5360%u7528%u4E24%u4E2A%u8FDE%u63A5%u3002%0A%0A%60%60%60shell%0Angx\_accept\_disabled%20%3D%20ngx\_cycle-%3Econnection\_n%20/%208%0A%20%20%20%20-%20ngx\_cycle-%3Efree\_connection\_n%3B%0A%0Aif%20%28ngx\_accept\_disabled%20%3E%200%29%20%7B%0A%20%20%20%20ngx\_accept\_disabled--%3B%0A%0A%7D%20else%20%7B%0A%20%20%20%20if%20%28ngx\_trylock\_accept\_mutex%28cycle%29%20%3D%3D%20NGX\_ERROR%29%20%7B%0A%20%20%20%20%20%20%20%20return%3B%0A%20%20%20%20%7D%0A%0A%20%20%20%20if%20%28ngx\_accept\_mutex\_held%29%20%7B%0A%20%20%20%20%20%20%20%20flags%20%7C%3D%20NGX\_POST\_EVENTS%3B%0A%0A%20%20%20%20%7D%20else%20%7B%0A%20%20%20%20%20%20%20%20if%20%28timer%20%3D%3D%20NGX\_TIMER\_INFINITE%0A%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%7C%7C%20timer%20%3E%20ngx\_accept\_mutex\_delay%29%0A%20%20%20%20%20%20%20%20%7B%0A%20%20%20%20%20%20%20%20%20%20%20%20timer%20%3D%20ngx\_accept\_mutex\_delay%3B%0A%20%20%20%20%20%20%20%20%7D%0A%20%20%20%20%7D%0A%7D%0A%60%60%60%0A%0A%u9996%u5148%uFF0Cnginx%u7684%u5904%u7406%u5F97%u5148%u6253%u5F00accept\_mutex%u9009%u9879%uFF0C%u6B64%u65F6%uFF0C%u53EA%u6709%u83B7%u5F97%u4E86accept\_mutex%u7684%u8FDB%u7A0B%u624D%u4F1A%u53BB%u6DFB%u52A0accept%u4E8B%u4EF6%uFF0C%u4E5F%u5C31%u662F%u8BF4%uFF0Cnginx%u4F1A%u63A7%u5236%u8FDB%u7A0B%u662F%u5426%u6DFB%u52A0accept%u4E8B%u4EF6%u3002nginx%u4F7F%u7528%u4E00%u4E2A%u53EBngx\_accept\_disabled%u7684%u53D8%u91CF%u6765%u63A7%u5236%u662F%u5426%u53BB%u7ADE%u4E89accept\_mutex%u9501%u3002%u5728%u7B2C%u4E00%u6BB5%u4EE3%u7801%u4E2D%uFF0C%u8BA1%u7B97ngx\_accept\_disabled%u7684%u503C%uFF0C%u8FD9%u4E2A%u503C%u662Fnginx%u5355%u8FDB%u7A0B%u7684%u6240%u6709%u8FDE%u63A5%u603B%u6570%u7684%u516B%u5206%u4E4B%u4E00%uFF0C%u51CF%u53BB%u5269%u4E0B%u7684%u7A7A%u95F2%u8FDE%u63A5%u6570%u91CF%uFF0C%u5F97%u5230%u7684%u8FD9%u4E2Angx\_accept\_disabled%u6709%u4E00%u4E2A%u89C4%u5F8B%uFF0C%u5F53%u5269%u4F59%u8FDE%u63A5%u6570%u5C0F%u4E8E%u603B%u8FDE%u63A5%u6570%u7684%u516B%u5206%u4E4B%u4E00%u65F6%uFF0C%u5176%u503C%u624D%u5927%u4E8E0%uFF0C%u800C%u4E14%u5269%u4F59%u7684%u8FDE%u63A5%u6570%u8D8A%u5C0F%uFF0C%u8FD9%u4E2A%u503C%u8D8A%u5927%u3002%u518D%u770B%u7B2C%u4E8C%u6BB5%u4EE3%u7801%uFF0C%u5F53ngx\_accept\_disabled%u5927%u4E8E0%u65F6%uFF0C%u4E0D%u4F1A%u53BB%u5C1D%u8BD5%u83B7%u53D6accept\_mutex%u9501%uFF0C%u5E76%u4E14%u5C06ngx\_accept\_disabled%u51CF1%uFF0C%u4E8E%u662F%uFF0C%u6BCF%u6B21%u6267%u884C%u5230%u6B64%u5904%u65F6%uFF0C%u90FD%u4F1A%u53BB%u51CF1%uFF0C%u76F4%u5230%u5C0F%u4E8E0%u3002%u4E0D%u53BB%u83B7%u53D6accept\_mutex%u9501%uFF0C%u5C31%u662F%u7B49%u4E8E%u8BA9%u51FA%u83B7%u53D6%u8FDE%u63A5%u7684%u673A%u4F1A%uFF0C%u5F88%u663E%u7136%u53EF%u4EE5%u770B%u51FA%uFF0C%u5F53%u7A7A%u4F59%u8FDE%u63A5%u8D8A%u5C11%u65F6%uFF0Cngx\_accept\_disable%u8D8A%u5927%uFF0C%u4E8E%u662F%u8BA9%u51FA%u7684%u673A%u4F1A%u5C31%u8D8A%u591A%uFF0C%u8FD9%u6837%u5176%u5B83%u8FDB%u7A0B%u83B7%u53D6%u9501%u7684%u673A%u4F1A%u4E5F%u5C31%u8D8A%u5927%u3002%u4E0D%u53BBaccept%uFF0C%u81EA%u5DF1%u7684%u8FDE%u63A5%u5C31%u63A7%u5236%u4E0B%u6765%u4E86%uFF0C%u5176%u5B83%u8FDB%u7A0B%u7684%u8FDE%u63A5%u6C60%u5C31%u4F1A%u5F97%u5230%u5229%u7528%uFF0C%u8FD9%u6837%uFF0Cnginx%u5C31%u63A7%u5236%u4E86%u591A%u8FDB%u7A0B%u95F4%u8FDE%u63A5%u7684%u5E73%u8861%u4E86%u3002%0A%0A%23%23%23%20request%0A%u8FD9%u8282%u6211%u4EEC%u8BB2request%uFF0C%u5728nginx%u4E2D%u6211%u4EEC%u6307%u7684%u662Fhttp%u8BF7%u6C42%uFF0C%u5177%u4F53%u5230nginx%u4E2D%u7684%u6570%u636E%u7ED3%u6784%u662Fngx\_http\_request\_t%u3002ngx\_http\_request\_t%u662F%u5BF9%u4E00%u4E2Ahttp%u8BF7%u6C42%u7684%u5C01%u88C5%u3002%20%u6211%u4EEC%u77E5%u9053%uFF0C%u4E00%u4E2Ahttp%u8BF7%u6C42%uFF0C%u5305%u542B%u8BF7%u6C42%u884C%u3001%u8BF7%u6C42%u5934%u3001%u8BF7%u6C42%u4F53%u3001%u54CD%u5E94%u884C%u3001%u54CD%u5E94%u5934%u3001%u54CD%u5E94%u4F53%u3002%0A%0Ahttp%u8BF7%u6C42%u662F%u5178%u578B%u7684%u8BF7%u6C42-%u54CD%u5E94%u7C7B%u578B%u7684%u7684%u7F51%u7EDC%u534F%u8BAE%uFF0C%u800Chttp%u662F%u6587%u4EF6%u534F%u8BAE%uFF0C%u6240%u4EE5%u6211%u4EEC%u5728%u5206%u6790%u8BF7%u6C42%u884C%u4E0E%u8BF7%u6C42%u5934%uFF0C%u4EE5%u53CA%u8F93%u51FA%u54CD%u5E94%u884C%u4E0E%u54CD%u5E94%u5934%uFF0C%u5F80%u5F80%u662F%u4E00%u884C%u4E00%u884C%u7684%u8FDB%u884C%u5904%u7406%u3002%u5982%u679C%u6211%u4EEC%u81EA%u5DF1%u6765%u5199%u4E00%u4E2Ahttp%u670D%u52A1%u5668%uFF0C%u901A%u5E38%u5728%u4E00%u4E2A%u8FDE%u63A5%u5EFA%u7ACB%u597D%u540E%uFF0C%u5BA2%u6237%u7AEF%u4F1A%u53D1%u9001%u8BF7%u6C42%u8FC7%u6765%u3002%u7136%u540E%u6211%u4EEC%u8BFB%u53D6%u4E00%u884C%u6570%u636E%uFF0C%u5206%u6790%u51FA%u8BF7%u6C42%u884C%u4E2D%u5305%u542B%u7684method%u3001uri%u3001http\_version%u4FE1%u606F%u3002%u7136%u540E%u518D%u4E00%u884C%u4E00%u884C%u5904%u7406%u8BF7%u6C42%u5934%uFF0C%u5E76%u6839%u636E%u8BF7%u6C42method%u4E0E%u8BF7%u6C42%u5934%u7684%u4FE1%u606F%u6765%u51B3%u5B9A%u662F%u5426%u6709%u8BF7%u6C42%u4F53%u4EE5%u53CA%u8BF7%u6C42%u4F53%u7684%u957F%u5EA6%uFF0C%u7136%u540E%u518D%u53BB%u8BFB%u53D6%u8BF7%u6C42%u4F53%u3002%u5F97%u5230%u8BF7%u6C42%u540E%uFF0C%u6211%u4EEC%u5904%u7406%u8BF7%u6C42%u4EA7%u751F%u9700%u8981%u8F93%u51FA%u7684%u6570%u636E%uFF0C%u7136%u540E%u518D%u751F%u6210%u54CD%u5E94%u884C%uFF0C%u54CD%u5E94%u5934%u4EE5%u53CA%u54CD%u5E94%u4F53%u3002%u5728%u5C06%u54CD%u5E94%u53D1%u9001%u7ED9%u5BA2%u6237%u7AEF%u4E4B%u540E%uFF0C%u4E00%u4E2A%u5B8C%u6574%u7684%u8BF7%u6C42%u5C31%u5904%u7406%u5B8C%u4E86%u3002%u5F53%u7136%u8FD9%u662F%u6700%u7B80%u5355%u7684webserver%u7684%u5904%u7406%u65B9%u5F0F%uFF0C%u5176%u5B9Enginx%u4E5F%u662F%u8FD9%u6837%u505A%u7684%uFF0C%u53EA%u662F%u6709%u4E00%u4E9B%u5C0F%u5C0F%u7684%u533A%u522B%uFF0C%u6BD4%u5982%uFF0C%u5F53%u8BF7%u6C42%u5934%u8BFB%u53D6%u5B8C%u6210%u540E%uFF0C%u5C31%u5F00%u59CB%u8FDB%u884C%u8BF7%u6C42%u7684%u5904%u7406%u4E86%u3002nginx%u901A%u8FC7ngx\_http\_request\_t%u6765%u4FDD%u5B58%u89E3%u6790%u8BF7%u6C42%u4E0E%u8F93%u51FA%u54CD%u5E94%u76F8%u5173%u7684%u6570%u636E%u3002%0A%0A%0A%0A%20web%u670D%u52A1%uFF08%u90AE%u4EF6%u670D%u52A1%uFF09%20%u8D1F%u8F7D%u5747%u8861%uFF08%u53CD%u5411%u4EE3%u7406proxy%29%uFF0C%u7F13%u5B58%u670D%u52A1%u5668%uFF08%u76F8%u5F53%u4E8Esquid%uFF0Ccnd%u4E3B%u8981%u7528%u4E8ESQUID%29%0A%0A%0A%23%23%20nginx%u5B89%u88C5%u4E0E%u914D%u7F6E%0A%0A%5Btengine%5D%28http%3A//tengine.taobao.org/book/%29%0A%5Bnginx%5D%28http%3A//nginx.org/%29%0A%0A%u5728%u5B89%u88C5nginx%u4E4B%u524D%u9700%u8981%u5B89%u88C5%u4E24%u4E2A%u5305%20pcre%20openssl%20%u3002Pcre%u5168%u79F0%uFF08Perl%20Compatible%20Regular%20Experssions%uFF09%uFF0C%u4E2D%u6587perl%u517C%u5BB9%u6B63%u5219%u8868%u8FBE%u5F0F%uFF0C%u5B98%u65B9%u7AD9%u70B9%u4E3Ahttp%3A//www.pcre.org/%uFF0C%u5B89%u88C5pcre%u5E93%u662F%u4E3A%u4E86%u4F7FNginx%u652F%u6301HTTP%20Rewrite%u6A21%u5757%u3002%20%0A%0A%0A%0A%60%60%60bash%0Ayum%20-y%20install%20pcre-devel%20openssl-devel%0Auseradd%20nginx%20-M%20-s%20/sbin/nologin%0Atar%20xf%20nginx-1.6.3.tar.gz%20%0Acd%20nginx-1.6.3%0A./configure%20--prefix%3D/application/nginx-1.6.3%20--user%3Dnginx%20--group%3Dnginx%20--with-http\_ssl\_module%20--with-http\_stub\_status\_module%20%0A%23stub\_status\_module%2C%20%u83B7%u53D6%u72B6%u6001%u7801%0Amake%20%26%26%20make%20install%0Aln%20-s%20/application/nginx-1.6.3/%20/application/nginx%0A%60%60%60%0A%0A%u7136%u540E%u53EF%u4EE5%u67E5%u770B%u7248%u672C%0A%60%60%60bash%0A%0A%5Bsandow@web01%20application%5D%24%20/application/nginx/sbin/nginx%20-v%0Anginx%20version%3A%20nginx/1.6.3%0A%5Bsandow@web01%20application%5D%24%20/application/nginx/sbin/nginx%20-V%0Anginx%20version%3A%20nginx/1.6.3%0Abuilt%20by%20gcc%204.4.7%2020120313%20%28Red%20Hat%204.4.7-16%29%20%28GCC%29%20%0ATLS%20SNI%20support%20enabled%0Aconfigure%20arguments%3A%20--prefix%3D/application/nginx-1.6.3%20--user%3Dwww%20--group%3Dwww%20--with-http\_ssl\_module%20--with-http\_stub\_status\_module%0A%0A%5Broot@web01%20%7E%5D%23%20/application/nginx/sbin/nginx%20-t%0Anginx%3A%20the%20configuration%20file%20/application/nginx-1.6.3/conf/nginx.conf%20syntax%20is%20ok%0Anginx%3A%20configuration%20file%20/application/nginx-1.6.3/conf/nginx.conf%20test%20is%20successful%0A%5Broot@web01%20%7E%5D%23%20/application/nginx/sbin/nginx%0A%5Broot@web01%20%7E%5D%23%20netstat%20-tunlp%7Cgrep%2080%0Atcp%20%20%20%20%20%20%20%200%20%20%20%20%20%200%200.0.0.0%3A80%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%200.0.0.0%3A\*%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20LISTEN%20%20%20%20%20%205817/nginx%20%20%0A%60%60%60%0Anginx%20%u53C2%u6570%u6709%uFF1A%0A-%20v%3A%u663E%u793A%u7248%u672C%u5E76%u9000%u51FA%0A%u7136%u540E%u9000%u51FA-%20v%3A%u663E%u793A%u7248%u672C%u548C%u914D%u7F6E%u9009%u9879%0A-%20t%3A%u6D4B%u8BD5%u914D%u7F6E%u548C%u9000%u51FA%0Aq%3A%u6291%u5236non-error%u6D88%u606F%u5728%u914D%u7F6E%u6D4B%u8BD5%0A-%20s%u4FE1%u53F7%3A%u4FE1%u53F7%u53D1%u9001%u5230%u4E3B%u8FC7%u7A0B%3A%u505C%u6B62%2C%u9000%u51FA%2C%u91CD%u542F%2C%u91CD%u65B0%u52A0%u8F7D%0A-%20p%u524D%u7F00%3A%u8BBE%u7F6E%u524D%u7F00%u8DEF%u5F84%28%u9ED8%u8BA4%u503C%3A/%u5E94%u7528%u7A0B%u5E8F/%20nginx-1.6.3%20/%29%0A-%20c%u6587%u4EF6%u540D%3A%u8BBE%u7F6E%u914D%u7F6E%u6587%u4EF6%28%u9ED8%u8BA4%u503C%3Aconf%20/%20nginx.conf%29%0A-%20g%u6307%u4EE4%3A%u96C6%u5408%u5168%u7403%u6307%u4EE4%u914D%u7F6E%u6587%u4EF6%0A%0A%0A%u67E5%u770B%u6587%u4EF6%u76EE%u5F55%0A%60%60%60bash%0A%5Broot@web01%20nginx%5D%23%20tree%0A.%0A%u251C%u2500%u2500%20client\_body\_temp%0A%u251C%u2500%u2500%20conf%0A%u2502%20%20%20%u251C%u2500%u2500%20fastcgi.conf%0A%u2502%20%20%20%u251C%u2500%u2500%20fastcgi.conf.default%0A%u2502%20%20%20%u251C%u2500%u2500%20fastcgi\_params%0A%u2502%20%20%20%u251C%u2500%u2500%20fastcgi\_params.default%0A%u2502%20%20%20%u251C%u2500%u2500%20koi-utf%0A%u2502%20%20%20%u251C%u2500%u2500%20koi-win%0A%u2502%20%20%20%u251C%u2500%u2500%20mime.types%0A%u2502%20%20%20%u251C%u2500%u2500%20mime.types.default%0A%u2502%20%20%20%u251C%u2500%u2500%20nginx.conf%0A%u2502%20%20%20%u251C%u2500%u2500%20nginx.conf.default%0A%u2502%20%20%20%u251C%u2500%u2500%20scgi\_params%0A%u2502%20%20%20%u251C%u2500%u2500%20scgi\_params.default%0A%u2502%20%20%20%u251C%u2500%u2500%20uwsgi\_params%0A%u2502%20%20%20%u251C%u2500%u2500%20uwsgi\_params.default%0A%u2502%20%20%20%u2514%u2500%u2500%20win-utf%0A%u251C%u2500%u2500%20fastcgi\_temp%0A%u251C%u2500%u2500%20html%0A%u2502%20%20%20%u251C%u2500%u2500%2050x.html%0A%u2502%20%20%20%u2514%u2500%u2500%20index.html%0A%u251C%u2500%u2500%20logs%0A%u2502%20%20%20%u251C%u2500%u2500%20access.log%0A%u2502%20%20%20%u251C%u2500%u2500%20error.log%0A%u2502%20%20%20%u2514%u2500%u2500%20nginx.pid%0A%u251C%u2500%u2500%20proxy\_temp%0A%u251C%u2500%u2500%20sbin%0A%u2502%20%20%20%u2514%u2500%u2500%20nginx%0A%u251C%u2500%u2500%20scgi\_temp%0A%u2514%u2500%u2500%20uwsgi\_temp%0A%60%60%60%0A%0A%u65E5%u5FD7%u8F6E%u5F55%0A%0A%60%60%60bash%0ADIR%3D/application/nginx/logs%0ATIME%3D%60/bin/date%20+%25F%20-d%20-1day%60%0Acd%20%24DIR%0A/bin/mv%20www\_access.log%20www.access%24%7BTIME%7D.log%20%0A/application/nginx/sbin/nginx%20-s%20reload%0A%60%60%60%0A%u589E%u52A0%u5230%u5B9A%u65F6%u4EFB%u52A1%0A%60%60%60bash%0A%24%20crontab%20-e%0A00%2000%20\*%20\*%20\*%20/bin/sh%20/server/script/cut-log.sh%20%3E/dev/null%202%26%3E1%0A%60%60%60%0A%0A%23%23%23%20nginx%20%u8D1F%u8F7D%u5747%u8861%0Anginx%u505A%u8D1F%u8F7D%u5747%u8861%u6700%u5927%u7684%u96BE%u70B9%u5C31%u662Fsession%u5171%u4EAB%uFF0C%u4E0B%u9762%u4F1A%u4ECB%u7ECD%u51E0%u4E2Anginx%u8C03%u5EA6%u7B97%u6CD5%uFF0C%u57FA%u672C%u4E0A%0A%5BNginx/LVS/HAProxy%u8D1F%u8F7D%u5747%u8861%u8F6F%u4EF6%u6BD4%u8F83%5D%28http%3A//www.rootop.org/pages/2773.html%29%0A%5Bnginx%u8D1F%u8F7D%u914D%u7F6E%5D%28http%3A//homeway.me/2014/12/05/nginx-reverse-proxy-to-load-balance/%29%0A%u5927%u7F51%u7AD9%20%u524D%u7AEF%20LVS---%3E%20NGINX/haproxy%20--%3E%20web%20server%20---%3E%20db/storage%0A%0Asession%20%u4F1A%u8BDD%u5171%u4EAB%0A%0Aip\_hash%20%u7F3A%u70B9%uFF0C%u8D1F%u8F7D%u4E0D%u5747%0A%0Asession%20%u8BB0%u5F55%u767B%u5F55%u72B6%u6001%u4FE1%u606F%u7684%0A%u96C6%u7FA4session%u4F1A%u8BDD%u7684%u95EE%u9898%uFF0C%u5728%u540E%u7AEF%u7528memcached%2C%20redis%20%u505A%u7F13%u5B58%u5171%u4EAB%uFF0C%0Anginx%20fastcgi%u8BBF%u95EEphp%0A1%u3001%u7528%u6237%u53D1%u9001http%u8BF7%u6C42%u62A5%u6587%u7ED9nginx%u670D%u52A1%u5668%0A2%u3001nginx%u4F1A%u6839%u636E%u6587%u4EF6url%u548C%u540E%u7F00%u6765%u5224%u65AD%u8BF7%u6C42%0A3%u3001%u5982%u679C%u8BF7%u6C42%u7684%u662F%u9759%u6001%u5185%u5BB9%2Cnginx%u4F1A%u5C06%u7ED3%u679C%u76F4%u63A5%u8FD4%u56DE%u7ED9%u7528%u6237%0A4%u3001%u5982%u679C%u8BF7%u6C42%u7684%u662F%u52A8%u6001%u5185%u5BB9%2Cnginx%u4F1A%u5C06%u8BF7%u6C42%u4EA4%u7ED9fastcgi%u5BA2%u6237%u7AEF%2C%u901A%u8FC7fastcgi\_pass%u5C06%u8FD9%u4E2A%u8BF7%u6C42%u53D1%u9001%u7ED9php-fpm%20%0A5%u3001php-fpm%u4F1A%u5C06%u8BF7%u6C42%u4EA4%u7ED9wrapper%0A6%u3001wrapper%u6536%u5230%u8BF7%u6C42%u4F1A%u751F%u6210%u65B0%u7684%u7EBF%u7A0B%u8C03%u7528php%u52A8%u6001%u7A0B%u5E8F%u89E3%u6790%u670D%u52A1%u5668%0A7%u3001%u5982%u679C%u7528%u6237%u8BF7%u6C42%u7684%u662F%u535A%u6587%u3001%u6216%u8005%u5185%u5BB9%u3001PHP%u4F1A%u8BF7%u6C42MySQL%u67E5%u8BE2%u7ED3%u679C%0A8%u3001%u5982%u679C%u7528%u6237%u8BF7%u6C42%u7684%u662F%u56FE%u7247%u3001%u9644%u4EF6%u3001PHP%u4F1A%u8BF7%u6C42nfs%u5B58%u50A8%u67E5%u8BE2%u7ED3%u679C%0A9%u3001php%u4F1A%u5C06%u67E5%u8BE2%u5230%u7684%u7ED3%u679C%u4EA4%u7ED9Nginx%0A10%u3001nginx%u4F1A%u751F%u6210%u4E00%u4E2A%u54CD%u5E94%u62A5%u6587%u8FD4%u8FD8%u7ED9%u7528%u6237%0A%0A%23%23nginx%20%u8D1F%u8F7D%u5747%u8861%u7B97%u6CD5%0A%0A%u3000%u3000%u6700%u8FD1%u95F2%u7740%u65E0%u4E8B%uFF0C%u73A9%u4E86%u4E0Bnginx%u3002%u4F46%u672C%u4EBA%u5728%u5B9E%u8DF5%u7684%u8FC7%u7A0B%u4E2D%u4E5F%u9047%u5230%u4E86%u4E00%u4E9B%u95EE%u9898%uFF0C%u5982%uFF0C%u5927%u5BB6%u90FD%u77E5%u9053%u5E94%u7528%u670D%u52A1%u5668%u7684%u5904%u7406%u90FD%u662F%u65E0%u72B6%u6001%u7684%uFF0C%u800Cnginx%u505A%u4E86%u8BF7%u6C42%u5206%u53D1%uFF0C%u6211%u4EEC%u5728%u5F53%u524Dweb%u670D%u52A1%u5668%u505A%u5F97%u63D0%u4EA4%u64CD%u4F5C%uFF0C%u53EF%u80FD%u4E0B%u4E00%u523B%u5C31%u8DD1%u5230%u53E6%u5916%u4E00%u53F0%u670D%u52A1%u5668%u4E0A%u53BB%u4E86%uFF0C%u90A3%u4E48%u8FD9%u4E2A%u4F1A%u8BDD%u5982%u4F55%u4FDD%u6301%uFF1Fcookies%2Csession%20%u8BE5%u5982%u4F55%u4F20%u9012%uFF1F%u672C%u4EBA%u4E3A%u4E86%u5077%u61D2%uFF0C%u5C31%u76F4%u63A5%u8F6C%u8F7D%u5427%uFF0C%u4E0B%u9762%u4E3A%u8F6C%u8F7D%u5185%u5BB9%u3002%0A%u3000%u3000Nginx%u8D1F%u8F7D%u5747%u8861%uFF1A%0A%20%20%20%20%20http%3A//www.cnblogs.com/xiaogangqq123/archive/2011/03/04/1971002.html%0A%0A%u3000%u3000nginx%u4E0D%u5355%u53EF%u4EE5%u4F5C%u4E3A%u5F3A%u5927%u7684web%u670D%u52A1%u5668%uFF0C%u4E5F%u53EF%u4EE5%u4F5C%u4E3A%u4E00%u4E2A%u53CD%u5411%u4EE3%u7406%u670D%u52A1%u5668%uFF0C%u800C%u4E14nginx%u8FD8%u53EF%u4EE5%u6309%u7167%u8C03%u5EA6%u89C4%u5219%u5B9E%u73B0%u52A8%u6001%u3001%u9759%u6001%u9875%u9762%u7684%u5206%u79BB%uFF0C%u53EF%u4EE5%u6309%u7167%u8F6E%u8BE2%u3001ip%u54C8%u5E0C%u3001URL%u54C8%u5E0C%u3001%u6743%u91CD%u7B49%u591A%u79CD%u65B9%u5F0F%u5BF9%u540E%u7AEF%u670D%u52A1%u5668%u505A%u8D1F%u8F7D%u5747%u8861%uFF0C%u540C%u65F6%u8FD8%u652F%u6301%u540E%u7AEF%u670D%u52A1%u5668%u7684%u5065%u5EB7%u68C0%u67E5%u3002%0A%0A%u3000%u3000%u5982%u679C%u53EA%u6709%u4E00%u53F0%u670D%u52A1%u5668%u65F6%2C%u8FD9%u4E2A%u670D%u52A1%u5668%u6302%u4E86%2C%u90A3%u4E48%u5BF9%u4E8E%u7F51%u7AD9%u6765%u8BF4%u662F%u4E2A%u707E%u96BE.%u56E0%u6B64%uFF0C%u8FD9%u65F6%u5019%u7684%u8D1F%u8F7D%u5747%u8861%u5C31%u4F1A%u5927%u663E%u8EAB%u624B%u4E86%2C%u5B83%u4F1A%u81EA%u52A8%u5254%u9664%u6302%u6389%u7684%u670D%u52A1%u5668.%0A%0A%u3000%u3000%u4E0B%u9762%u7B80%u5355%u7684%u4ECB%u7ECD%u4E0B%u6211%u4F7F%u7528Nginx%u505A%u8D1F%u8F7D%u7684%u4F53%u4F1A%0A%0A%u3000%u3000%u4E0B%u8F7D---%u5B89%u88C5Nginx%u8FD9%u4E9B%u4E0D%u4ECB%u7ECD%u4E86%2C%u524D%u7BC7%u6709%u4ECB%u7ECD.%0A%0A%u3000%u3000windows%u548CLinux%u4E0B%u914D%u7F6ENginx%u8D1F%u8F7D%u7684%u5199%u6CD5%u4E00%u6837%2C%u6545%u4E0D%u5206%u5F00%u4ECB%u7ECD.%0A%0A%u3000%u3000Nginx%u8D1F%u8F7D%u5747%u8861%u4E00%u4E9B%u57FA%u7840%u77E5%u8BC6%3A%0A%0Anginx%20%u7684%20upstream%u76EE%u524D%u652F%u6301%204%20%u79CD%u65B9%u5F0F%u7684%u5206%u914D%20%0A1%29%u3001%u8F6E%u8BE2%uFF08%u9ED8%u8BA4%uFF09%20%0A%20%20%20%20%20%20%u6BCF%u4E2A%u8BF7%u6C42%u6309%u65F6%u95F4%u987A%u5E8F%u9010%u4E00%u5206%u914D%u5230%u4E0D%u540C%u7684%u540E%u7AEF%u670D%u52A1%u5668%uFF0C%u5982%u679C%u540E%u7AEF%u670D%u52A1%u5668down%u6389%uFF0C%u80FD%u81EA%u52A8%u5254%u9664%u3002%20%0A2%29%u3001weight%20%0A%20%20%20%20%20%20%u6307%u5B9A%u8F6E%u8BE2%u51E0%u7387%uFF0Cweight%u548C%u8BBF%u95EE%u6BD4%u7387%u6210%u6B63%u6BD4%uFF0C%u7528%u4E8E%u540E%u7AEF%u670D%u52A1%u5668%u6027%u80FD%u4E0D%u5747%u7684%u60C5%u51B5%u3002%20%0A2%29%u3001ip\_hash%20%0A%20%20%20%20%20%20%u6BCF%u4E2A%u8BF7%u6C42%u6309%u8BBF%u95EEip%u7684hash%u7ED3%u679C%u5206%u914D%uFF0C%u8FD9%u6837%u6BCF%u4E2A%u8BBF%u5BA2%u56FA%u5B9A%u8BBF%u95EE%u4E00%u4E2A%u540E%u7AEF%u670D%u52A1%u5668%uFF0C%u53EF%u4EE5%u89E3%u51B3session%u7684%u95EE%u9898%u3002%20%20%0A3%29%u3001fair%uFF08%u7B2C%u4E09%u65B9%uFF09%20%0A%20%20%20%20%20%20%u6309%u540E%u7AEF%u670D%u52A1%u5668%u7684%u54CD%u5E94%u65F6%u95F4%u6765%u5206%u914D%u8BF7%u6C42%uFF0C%u54CD%u5E94%u65F6%u95F4%u77ED%u7684%u4F18%u5148%u5206%u914D%u3002%20%20%0A4%29%u3001url\_hash%uFF08%u7B2C%u4E09%u65B9%uFF09%0A%0A%u3000%u3000%u914D%u7F6E%uFF1A%0A%0A%u5728http%u8282%u70B9%u91CC%u6DFB%u52A0%3A%0A%60%60%60%0A%23%u5B9A%u4E49%u8D1F%u8F7D%u5747%u8861%u8BBE%u5907%u7684%20Ip%u53CA%u8BBE%u5907%u72B6%u6001%20%0Aupstream%20myServer%20%7B%20%20%20%0A%0A%20%20%20%20server%20127.0.0.1%3A9090%20down%3B%20%0A%20%20%20%20server%20127.0.0.1%3A8080%20weight%3D2%3B%20%0A%20%20%20%20server%20127.0.0.1%3A6060%3B%20%0A%20%20%20%20server%20127.0.0.1%3A7070%20backup%3B%20%0A%7D%0A%23%u5728%u9700%u8981%u4F7F%u7528%u8D1F%u8F7D%u7684Server%u8282%u70B9%u4E0B%u6DFB%u52A0%0A%0Aproxy\_pass%20http%3A//myServer%3B%0A%60%60%60%0A%0Aupstream%20%u6BCF%u4E2A%u8BBE%u5907%u7684%u72B6%u6001%3A%0A%0A-%20down%20%u8868%u793A%u5355%u524D%u7684server%u6682%u65F6%u4E0D%u53C2%u4E0E%u8D1F%u8F7D%20%0A-%20weight%20%20%u9ED8%u8BA4%u4E3A1.weight%u8D8A%u5927%uFF0C%u8D1F%u8F7D%u7684%u6743%u91CD%u5C31%u8D8A%u5927%u3002%20%0A-%20max\_fails%20%uFF1A%u5141%u8BB8%u8BF7%u6C42%u5931%u8D25%u7684%u6B21%u6570%u9ED8%u8BA4%u4E3A1.%u5F53%u8D85%u8FC7%u6700%u5927%u6B21%u6570%u65F6%uFF0C%u8FD4%u56DEproxy\_next\_upstream%20%u6A21%u5757%u5B9A%u4E49%u7684%u9519%u8BEF%20%0A-%20fail\_timeout%3Amax\_fails%20%u6B21%u5931%u8D25%u540E%uFF0C%u6682%u505C%u7684%u65F6%u95F4%u3002%20%0A-%20backup%uFF1A%20%u5176%u5B83%u6240%u6709%u7684%u975Ebackup%u673A%u5668down%u6216%u8005%u5FD9%u7684%u65F6%u5019%uFF0C%u8BF7%u6C42backup%u673A%u5668%u3002%u6240%u4EE5%u8FD9%u53F0%u673A%u5668%u538B%u529B%u4F1A%u6700%u8F7B%u3002%0A%0ANginx%u8FD8%u652F%u6301%u591A%u7EC4%u7684%u8D1F%u8F7D%u5747%u8861%2C%u53EF%u4EE5%u914D%u7F6E%u591A%u4E2Aupstream%20%20%u6765%u670D%u52A1%u4E8E%u4E0D%u540C%u7684Server.%0A%u914D%u7F6E%u8D1F%u8F7D%u5747%u8861%u6BD4%u8F83%u7B80%u5355%2C%u4F46%u662F%u6700%u5173%u952E%u7684%u4E00%u4E2A%u95EE%u9898%u662F%u600E%u4E48%u5B9E%u73B0%u591A%u53F0%u670D%u52A1%u5668%u4E4B%u95F4session%u7684%u5171%u4EAB%0A%u4E0B%u9762%u6709%u51E0%u79CD%u65B9%u6CD5%28%u4EE5%u4E0B%u5185%u5BB9%u6765%u6E90%u4E8E%u7F51%u7EDC%2C%u7B2C%u56DB%u79CD%u65B9%u6CD5%u6CA1%u6709%u5B9E%u8DF5.%29%0A%0A1%29%20%u4E0D%u4F7F%u7528session%uFF0C%u6362%u4F5Ccookie%0A%u80FD%u628Asession%u6539%u6210cookie%uFF0C%u5C31%u80FD%u907F%u5F00session%u7684%u4E00%u4E9B%u5F0A%u7AEF%uFF0C%u5728%u4ECE%u524D%u770B%u7684%u4E00%u672CJ2EE%u7684%u4E66%u4E0A%uFF0C%u4E5F%u6307%u660E%u5728%u96C6%u7FA4%u7CFB%u7EDF%u4E2D%u4E0D%u80FD%u7528session%uFF0C%u5426%u5219%u60F9%u51FA%u7978%u7AEF%u6765%u5C31%u4E0D%u597D%u529E%u3002%u5982%u679C%u7CFB%u7EDF%u4E0D%u590D%u6742%uFF0C%u5C31%u4F18%u5148%u8003%u8651%u80FD%u5426%u5C06session%u53BB%u6389%uFF0C%u6539%u52A8%u8D77%u6765%u975E%u5E38%u9EBB%u70E6%u7684%u8BDD%uFF0C%u518D%u7528%u4E0B%u9762%u7684%u529E%u6CD5%u3002%0A%0A2%29%20%u5E94%u7528%u670D%u52A1%u5668%u81EA%u884C%u5B9E%u73B0%u5171%u4EAB%0Aasp.net%u53EF%u4EE5%u7528%u6570%u636E%u5E93%u6216memcached%u6765%u4FDD%u5B58session%uFF0C%u4ECE%u800C%u5728asp.net%u672C%u8EAB%u5EFA%u7ACB%u4E86%u4E00%u4E2Asession%u96C6%u7FA4%uFF0C%u7528%u8FD9%u6837%u7684%u65B9%u5F0F%u53EF%u4EE5%u4EE4%20session%u4FDD%u8BC1%u7A33%u5B9A%uFF0C%u5373%u4F7F%u67D0%u4E2A%u8282%u70B9%u6709%u6545%u969C%uFF0Csession%u4E5F%u4E0D%u4F1A%u4E22%u5931%uFF0C%u9002%u7528%u4E8E%u8F83%u4E3A%u4E25%u683C%u4F46%u8BF7%u6C42%u91CF%u4E0D%u9AD8%u7684%u573A%u5408%u3002%u4F46%u662F%u5B83%u7684%u6548%u7387%u662F%u4E0D%u4F1A%u5F88%u9AD8%u7684%uFF0C%u4E0D%u9002%u7528%u4E8E%u5BF9%u6548%u7387%20%u8981%u6C42%u9AD8%u7684%u573A%u5408%u3002%0A%u4EE5%u4E0A%u4E24%u4E2A%u529E%u6CD5%u90FD%u8DDFnginx%u6CA1%u4EC0%u4E48%u5173%u7CFB%uFF0C%u4E0B%u9762%u6765%u8BF4%u8BF4%u7528nginx%u8BE5%u5982%u4F55%u5904%u7406%uFF1A%0A%0A3%29%20ip\_hash%0Anginx%u4E2D%u7684ip\_hash%u6280%u672F%u80FD%u591F%u5C06%u67D0%u4E2Aip%u7684%u8BF7%u6C42%u5B9A%u5411%u5230%u540C%u4E00%u53F0%u540E%u7AEF%uFF0C%u8FD9%u6837%u4E00%u6765%u8FD9%u4E2Aip%u4E0B%u7684%u67D0%u4E2A%u5BA2%u6237%u7AEF%u548C%u67D0%u4E2A%u540E%u7AEF%u5C31%u80FD%u5EFA%u7ACB%u8D77%u7A33%u56FA%u7684session%uFF0Cip\_hash%u662F%u5728upstream%u914D%u7F6E%u4E2D%u5B9A%u4E49%u7684%uFF1A%0A%60%60%60%0Aupstream%20backend%20%7B%0A%20%20server%20127.0.0.1%3A8080%20%3B%0A%20%20server%20127.0.0.1%3A9090%20%3B%0A%20%20%20ip\_hash%3B%0A%7D%0A%60%60%60%0Aip\_hash%u662F%u5BB9%u6613%u7406%u89E3%u7684%uFF0C%u4F46%u662F%u56E0%u4E3A%u4EC5%u4EC5%u80FD%u7528ip%u8FD9%u4E2A%u56E0%u5B50%u6765%u5206%u914D%u540E%u7AEF%uFF0C%u56E0%u6B64ip\_hash%u662F%u6709%u7F3A%u9677%u7684%uFF0C%u4E0D%u80FD%u5728%u4E00%u4E9B%u60C5%u51B5%u4E0B%u4F7F%u7528%uFF1A%0A1.%20nginx%u4E0D%u662F%u6700%u524D%u7AEF%u7684%u670D%u52A1%u5668%u3002ip\_hash%u8981%u6C42nginx%u4E00%u5B9A%u662F%u6700%u524D%u7AEF%u7684%u670D%u52A1%u5668%uFF0C%u5426%u5219nginx%u5F97%u4E0D%u5230%u6B63%u786Eip%uFF0C%u5C31%u4E0D%u80FD%u6839%u636Eip%u4F5Chash%u3002%u8B6C%u5982%u4F7F%u7528%u7684%u662Fsquid%u4E3A%u6700%u524D%u7AEF%uFF0C%u90A3%u4E48nginx%u53D6ip%u65F6%u53EA%u80FD%u5F97%u5230squid%u7684%u670D%u52A1%u5668ip%u5730%u5740%uFF0C%u7528%u8FD9%u4E2A%u5730%u5740%u6765%u4F5C%u5206%u6D41%u662F%u80AF%u5B9A%u9519%u4E71%u7684%u3002%0A2.%20nginx%u7684%u540E%u7AEF%u8FD8%u6709%u5176%u5B83%u65B9%u5F0F%u7684%u8D1F%u8F7D%u5747%u8861%u3002%u5047%u5982nginx%u540E%u7AEF%u53C8%u6709%u5176%u5B83%u8D1F%u8F7D%u5747%u8861%uFF0C%u5C06%u8BF7%u6C42%u53C8%u901A%u8FC7%u53E6%u5916%u7684%u65B9%u5F0F%u5206%u6D41%u4E86%uFF0C%u90A3%u4E48%u67D0%u4E2A%u5BA2%u6237%u7AEF%u7684%u8BF7%u6C42%u80AF%u5B9A%u4E0D%u80FD%u5B9A%u4F4D%u5230%u540C%u4E00%u53F0session%u5E94%u7528%u670D%u52A1%u5668%u4E0A%u3002%u8FD9%u4E48%u7B97%u8D77%u6765%uFF0Cnginx%u540E%u7AEF%u53EA%u80FD%u76F4%u63A5%u6307%u5411%u5E94%u7528%u670D%u52A1%u5668%uFF0C%u6216%u8005%u518D%u642D%u4E00%u4E2Asquid%uFF0C%u7136%u540E%u6307%u5411%u5E94%u7528%u670D%u52A1%u5668%u3002%u6700%u597D%u7684%u529E%u6CD5%u662F%u7528location%u4F5C%u4E00%u6B21%u5206%u6D41%uFF0C%u5C06%u9700%u8981session%u7684%u90E8%u5206%u8BF7%u6C42%u901A%u8FC7ip\_hash%u5206%u6D41%uFF0C%u5269%u4E0B%u7684%u8D70%u5176%u5B83%u540E%u7AEF%u53BB%u3002%0A%0A4%29%20upstream\_hash%0A%0A%u4E3A%u4E86%u89E3%u51B3ip\_hash%u7684%u4E00%u4E9B%u95EE%u9898%uFF0C%u53EF%u4EE5%u4F7F%u7528upstream\_hash%u8FD9%u4E2A%u7B2C%u4E09%u65B9%u6A21%u5757%uFF0C%u8FD9%u4E2A%u6A21%u5757%u591A%u6570%u60C5%u51B5%u4E0B%u662F%u7528%u4F5Curl\_hash%u7684%uFF0C%u4F46%u662F%u5E76%u4E0D%u59A8%u788D%u5C06%u5B83%u7528%u6765%u505Asession%u5171%u4EAB%uFF1A%0A%0A%u5047%u5982%u524D%u7AEF%u662Fsquid%uFF0C%u4ED6%u4F1A%u5C06ip%u52A0%u5165x\_forwarded\_for%u8FD9%u4E2Ahttp\_header%u91CC%uFF0C%u7528upstream\_hash%u53EF%u4EE5%u7528%u8FD9%u4E2A%u5934%u505A%u56E0%u5B50%uFF0C%u5C06%u8BF7%u6C42%u5B9A%u5411%u5230%u6307%u5B9A%u7684%u540E%u7AEF%uFF1A%0A%0A%u53EF%u89C1%u8FD9%u7BC7%u6587%u6863%uFF1Ahttp%3A//www.sudone.com/nginx/nginx\_url\_hash.html%0A%0A%u5728%u6587%u6863%u4E2D%u662F%u4F7F%u7528%24request\_uri%u505A%u56E0%u5B50%uFF0C%u7A0D%u5FAE%u6539%u4E00%u4E0B%uFF1A%0A%0Ahash%20%20%20%24http\_x\_forwarded\_for%3B%0A%0A%u8FD9%u6837%u5C31%u6539%u6210%u4E86%u5229%u7528x\_forwarded\_for%u8FD9%u4E2A%u5934%u4F5C%u56E0%u5B50%uFF0C%u5728nginx%u65B0%u7248%u672C%u4E2D%u53EF%u652F%u6301%u8BFB%u53D6cookie%u503C%uFF0C%u6240%u4EE5%u4E5F%u53EF%u4EE5%u6539%u6210%uFF1A%0A%0Ahash%20%20%20%24cookie\_jsessionid%3B%0A%0A%u5047%u5982%u5728php%u4E2D%u914D%u7F6E%u7684session%u4E3A%u65E0cookie%u65B9%u5F0F%uFF0C%u914D%u5408nginx%u81EA%u5DF1%u7684%u4E00%u4E2Auserid\_module%u6A21%u5757%u5C31%u53EF%u4EE5%u7528nginx%u81EA%u53D1%u4E00%u4E2Acookie%uFF0C%u53EF%u53C2%u89C1userid%u6A21%u5757%u7684%u82F1%u6587%u6587%u6863%uFF1A%0Ahttp%3A//wiki.nginx.org/NginxHttpUserIdModule%0A%u53E6%u53EF%u7528%u59DA%u4F1F%u658C%u7F16%u5199%u7684%u6A21%u5757upstream\_jvm\_route%uFF1Ahttp%3A//code.google.com/p/nginx-upstream-jvm-route/%0A%u914D%u7F6E%u6587%u4EF6%u8BE6%u7EC6%u8BF4%u660E%uFF1A%0A%u3000%u3000http%3A//www.cnblogs.com/xiaogangqq123/archive/2011/03/02/1969006.html%0A%0A%u3000%u3000%u5728%u6B64%u8BB0%u5F55%u4E0BNginx%u670D%u52A1%u5668nginx.conf%u7684%u914D%u7F6E%u6587%u4EF6%u8BF4%u660E%2C%20%u90E8%u5206%u6CE8%u91CA%u6536%u96C6%u4E0E%u7F51%u7EDC.%0A%60%60%60%0A%23%u8FD0%u884C%u7528%u6237%0Auser%20www-data%3B%20%20%20%20%0A%23%u542F%u52A8%u8FDB%u7A0B%2C%u901A%u5E38%u8BBE%u7F6E%u6210%u548Ccpu%u7684%u6570%u91CF%u76F8%u7B49%0Aworker\_processes%20%201%3B%0A%0A%23%u5168%u5C40%u9519%u8BEF%u65E5%u5FD7%u53CAPID%u6587%u4EF6%0Aerror\_log%20%20/var/log/nginx/error.log%3B%0Apid%20%20%20%20%20%20%20%20/var/run/nginx.pid%3B%0A%0A%23%u5DE5%u4F5C%u6A21%u5F0F%u53CA%u8FDE%u63A5%u6570%u4E0A%u9650%0Aevents%20%7B%0A%20%20%20%20use%20%20%20epoll%3B%20%20%20%20%20%20%20%20%20%20%20%20%20%23epoll%u662F%u591A%u8DEF%u590D%u7528IO%28I/O%20Multiplexing%29%u4E2D%u7684%u4E00%u79CD%u65B9%u5F0F%2C%u4F46%u662F%u4EC5%u7528%u4E8Elinux2.6%u4EE5%u4E0A%u5185%u6838%2C%u53EF%u4EE5%u5927%u5927%u63D0%u9AD8nginx%u7684%u6027%u80FD%0A%20%20%20%20worker\_connections%20%201024%3B%23%u5355%u4E2A%u540E%u53F0worker%20process%u8FDB%u7A0B%u7684%u6700%u5927%u5E76%u53D1%u94FE%u63A5%u6570%0A%20%20%20%20%23%20multi\_accept%20on%3B%20%0A%7D%0A%0A%23%u8BBE%u5B9Ahttp%u670D%u52A1%u5668%uFF0C%u5229%u7528%u5B83%u7684%u53CD%u5411%u4EE3%u7406%u529F%u80FD%u63D0%u4F9B%u8D1F%u8F7D%u5747%u8861%u652F%u6301%0Ahttp%20%7B%0A%20%20%20%20%20%23%u8BBE%u5B9Amime%u7C7B%u578B%2C%u7C7B%u578B%u7531mime.type%u6587%u4EF6%u5B9A%u4E49%0A%20%20%20%20include%20%20%20%20%20%20%20/etc/nginx/mime.types%3B%0A%20%20%20%20default\_type%20%20application/octet-stream%3B%0A%20%20%20%20%23%u8BBE%u5B9A%u65E5%u5FD7%u683C%u5F0F%0A%20%20%20%20access\_log%20%20%20%20/var/log/nginx/access.log%3B%0A%0A%20%20%20%20%23sendfile%20%u6307%u4EE4%u6307%u5B9A%20nginx%20%u662F%u5426%u8C03%u7528%20sendfile%20%u51FD%u6570%uFF08zero%20copy%20%u65B9%u5F0F%uFF09%u6765%u8F93%u51FA%u6587%u4EF6%uFF0C%u5BF9%u4E8E%u666E%u901A%u5E94%u7528%uFF0C%0A%20%20%20%20%23%u5FC5%u987B%u8BBE%u4E3A%20on%2C%u5982%u679C%u7528%u6765%u8FDB%u884C%u4E0B%u8F7D%u7B49%u5E94%u7528%u78C1%u76D8IO%u91CD%u8D1F%u8F7D%u5E94%u7528%uFF0C%u53EF%u8BBE%u7F6E%u4E3A%20off%uFF0C%u4EE5%u5E73%u8861%u78C1%u76D8%u4E0E%u7F51%u7EDCI/O%u5904%u7406%u901F%u5EA6%uFF0C%u964D%u4F4E%u7CFB%u7EDF%u7684uptime.%0A%20%20%20%20sendfile%20%20%20%20%20%20%20%20on%3B%0A%20%20%20%20%23tcp\_nopush%20%20%20%20%20on%3B%0A%0A%20%20%20%20%23%u8FDE%u63A5%u8D85%u65F6%u65F6%u95F4%0A%20%20%20%20%23keepalive\_timeout%20%200%3B%0A%20%20%20%20keepalive\_timeout%20%2065%3B%0A%20%20%20%20tcp\_nodelay%20%20%20%20%20%20%20%20on%3B%0A%20%20%20%20%0A%20%20%20%20%23%u5F00%u542Fgzip%u538B%u7F29%0A%20%20%20%20gzip%20%20on%3B%0A%20%20%20%20gzip\_disable%20%22MSIE%20%5B1-6%5D%5C.%28%3F%21.\*SV1%29%22%3B%0A%0A%20%20%20%20%23%u8BBE%u5B9A%u8BF7%u6C42%u7F13%u51B2%0A%20%20%20%20client\_header\_buffer\_size%20%20%20%201k%3B%0A%20%20%20%20large\_client\_header\_buffers%20%204%204k%3B%0A%0A%20%20%20%20include%20/etc/nginx/conf.d/\*.conf%3B%0A%20%20%20%20include%20/etc/nginx/sites-enabled/\*%3B%0A%0A%20%20%20%20%23%u8BBE%u5B9A%u8D1F%u8F7D%u5747%u8861%u7684%u670D%u52A1%u5668%u5217%u8868%0A%20%20%20%20%20upstream%20mysvr%20%7B%0A%20%20%20%20%23weigth%u53C2%u6570%u8868%u793A%u6743%u503C%uFF0C%u6743%u503C%u8D8A%u9AD8%u88AB%u5206%u914D%u5230%u7684%u51E0%u7387%u8D8A%u5927%0A%20%20%20%20%23%u672C%u673A%u4E0A%u7684Squid%u5F00%u542F3128%u7AEF%u53E3%0A%20%20%20%20server%20192.168.8.1%3A3128%20weight%3D5%3B%0A%20%20%20%20server%20192.168.8.2%3A80%20%20weight%3D1%3B%0A%20%20%20%20server%20192.168.8.3%3A80%20%20weight%3D6%3B%0A%20%20%20%20%7D%0A%0A%0A%20%20%20server%20%7B%0A%20%20%20%20%23%u4FA6%u542C80%u7AEF%u53E3%0A%20%20%20%20%20%20%20%20listen%20%20%20%20%20%20%2080%3B%0A%20%20%20%20%20%20%20%20%23%u5B9A%u4E49%u4F7F%u7528www.xx.com%u8BBF%u95EE%0A%20%20%20%20%20%20%20%20server\_name%20%20www.xx.com%3B%0A%0A%20%20%20%20%20%20%20%20%23%u8BBE%u5B9A%u672C%u865A%u62DF%u4E3B%u673A%u7684%u8BBF%u95EE%u65E5%u5FD7%0A%20%20%20%20%20%20%20%20access\_log%20%20logs/www.xx.com.access.log%20%20main%3B%0A%0A%20%20%20%20%23%u9ED8%u8BA4%u8BF7%u6C42%0A%20%20%20%20location%20/%20%7B%0A%20%20%20%20%20%20%20%20%20%20root%20%20%20/root%3B%20%20%20%20%20%20%23%u5B9A%u4E49%u670D%u52A1%u5668%u7684%u9ED8%u8BA4%u7F51%u7AD9%u6839%u76EE%u5F55%u4F4D%u7F6E%0A%20%20%20%20%20%20%20%20%20%20index%20index.php%20index.html%20index.htm%3B%20%20%20%23%u5B9A%u4E49%u9996%u9875%u7D22%u5F15%u6587%u4EF6%u7684%u540D%u79F0%0A%0A%20%20%20%20%20%20%20%20%20%20fastcgi\_pass%20%20www.xx.com%3B%0A%20%20%20%20%20%20%20%20%20fastcgi\_param%20%20SCRIPT\_FILENAME%20%20%24document\_root/%24fastcgi\_script\_name%3B%20%0A%20%20%20%20%20%20%20%20%20%20include%20/etc/nginx/fastcgi\_params%3B%0A%20%20%20%20%20%20%20%20%7D%0A%0A%20%20%20%20%23%20%u5B9A%u4E49%u9519%u8BEF%u63D0%u793A%u9875%u9762%0A%20%20%20%20error\_page%20%20%20500%20502%20503%20504%20/50x.html%3B%20%20%0A%20%20%20%20%20%20%20%20location%20%3D%20/50x.html%20%7B%0A%20%20%20%20%20%20%20%20root%20%20%20/root%3B%0A%20%20%20%20%7D%0A%0A%20%20%20%20%23%u9759%u6001%u6587%u4EF6%uFF0Cnginx%u81EA%u5DF1%u5904%u7406%0A%20%20%20%20location%20%7E%20%5E/%28images%7Cjavascript%7Cjs%7Ccss%7Cflash%7Cmedia%7Cstatic%29/%20%7B%0A%20%20%20%20%20%20%20%20root%20/var/www/virtual/htdocs%3B%0A%20%20%20%20%20%20%20%20%23%u8FC7%u671F30%u5929%uFF0C%u9759%u6001%u6587%u4EF6%u4E0D%u600E%u4E48%u66F4%u65B0%uFF0C%u8FC7%u671F%u53EF%u4EE5%u8BBE%u5927%u4E00%u70B9%uFF0C%u5982%u679C%u9891%u7E41%u66F4%u65B0%uFF0C%u5219%u53EF%u4EE5%u8BBE%u7F6E%u5F97%u5C0F%u4E00%u70B9%u3002%0A%20%20%20%20%20%20%20%20expires%2030d%3B%0A%20%20%20%20%7D%0A%20%20%20%20%23PHP%20%u811A%u672C%u8BF7%u6C42%u5168%u90E8%u8F6C%u53D1%u5230%20FastCGI%u5904%u7406.%20%u4F7F%u7528FastCGI%u9ED8%u8BA4%u914D%u7F6E.%0A%20%20%20%20location%20%7E%20%5C.php%24%20%7B%0A%20%20%20%20%20%20%20%20root%20/root%3B%0A%20%20%20%20%20%20%20%20fastcgi\_pass%20127.0.0.1%3A9000%3B%0A%20%20%20%20%20%20%20%20fastcgi\_index%20index.php%3B%0A%20%20%20%20%20%20%20%20fastcgi\_param%20SCRIPT\_FILENAME%20/home/www/www%24fastcgi\_script\_name%3B%0A%20%20%20%20%20%20%20%20include%20fastcgi\_params%3B%0A%20%20%20%20%7D%0A%20%20%20%20%23%u8BBE%u5B9A%u67E5%u770BNginx%u72B6%u6001%u7684%u5730%u5740%0A%20%20%20%20location%20/NginxStatus%20%7B%0A%20%20%20%20%20%20%20%20stub\_status%20%20%20%20%20%20%20%20%20%20%20%20on%3B%0A%20%20%20%20%20%20%20%20access\_log%20%20%20%20%20%20%20%20%20%20%20%20%20%20on%3B%0A%20%20%20%20%20%20%20%20auth\_basic%20%20%20%20%20%20%20%20%20%20%20%20%20%20%22NginxStatus%22%3B%0A%20%20%20%20%20%20%20%20auth\_basic\_user\_file%20%20conf/htpasswd%3B%0A%20%20%20%20%7D%0A%20%20%20%20%23%u7981%u6B62%u8BBF%u95EE%20.htxxx%20%u6587%u4EF6%0A%20%20%20%20location%20%7E%20/%5C.ht%20%7B%0A%20%20%20%20%20%20%20%20deny%20all%3B%0A%20%20%20%20%7D%0A%20%20%20%20%20%0A%20%20%20%20%20%7D%0A%7D%0A%60%60%60%0A%u4EE5%u4E0A%u662F%u4E00%u4E9B%u57FA%u672C%u7684%u914D%u7F6E%2C%u4F7F%u7528Nginx%u6700%u5927%u7684%u597D%u5904%u5C31%u662F%u8D1F%u8F7D%u5747%u8861.%u5982%u679C%u8981%u4F7F%u7528%u8D1F%u8F7D%u5747%u8861%u7684%u8BDD%2C%u53EF%u4EE5%u4FEE%u6539%u914D%u7F6Ehttp%u8282%u70B9%u5982%u4E0B%uFF1A%0A%0A%60%60%60%0A%23%u8BBE%u5B9Ahttp%u670D%u52A1%u5668%uFF0C%u5229%u7528%u5B83%u7684%u53CD%u5411%u4EE3%u7406%u529F%u80FD%u63D0%u4F9B%u8D1F%u8F7D%u5747%u8861%u652F%u6301%0Ahttp%20%7B%0A%20%20%20%20%20%23%u8BBE%u5B9Amime%u7C7B%u578B%2C%u7C7B%u578B%u7531mime.type%u6587%u4EF6%u5B9A%u4E49%0A%20%20%20%20include%20%20%20%20%20%20%20/etc/nginx/mime.types%3B%0A%20%20%20%20default\_type%20%20application/octet-stream%3B%0A%20%20%20%20%23%u8BBE%u5B9A%u65E5%u5FD7%u683C%u5F0F%0A%20%20%20%20access\_log%20%20%20%20/var/log/nginx/access.log%3B%0A%0A%20%20%20%20%23%u7701%u7565%u4E0A%u6587%u6709%u7684%u4E00%u4E9B%u914D%u7F6E%u8282%u70B9%0A%0A%20%20%20%20%23%u3002%u3002%u3002%u3002%u3002%u3002%u3002%u3002%u3002%u3002%0A%0A%20%20%20%20%23%u8BBE%u5B9A%u8D1F%u8F7D%u5747%u8861%u7684%u670D%u52A1%u5668%u5217%u8868%0A%20%20%20%20%20upstream%20mysvr%20%7B%0A%20%20%20%20%23weigth%u53C2%u6570%u8868%u793A%u6743%u503C%uFF0C%u6743%u503C%u8D8A%u9AD8%u88AB%u5206%u914D%u5230%u7684%u51E0%u7387%u8D8A%u5927%0A%20%20%20%20server%20192.168.8.1x%3A3128%20weight%3D5%3B%23%u672C%u673A%u4E0A%u7684Squid%u5F00%u542F3128%u7AEF%u53E3%0A%20%20%20%20server%20192.168.8.2x%3A80%20%20weight%3D1%3B%0A%20%20%20%20server%20192.168.8.3x%3A80%20%20weight%3D6%3B%0A%20%20%20%20%7D%0A%0A%20%20%20upstream%20mysvr2%20%7B%0A%20%20%20%20%23weigth%u53C2%u6570%u8868%u793A%u6743%u503C%uFF0C%u6743%u503C%u8D8A%u9AD8%u88AB%u5206%u914D%u5230%u7684%u51E0%u7387%u8D8A%u5927%0A%0A%20%20%20%20server%20192.168.8.x%3A80%20%20weight%3D1%3B%0A%20%20%20%20server%20192.168.8.x%3A80%20%20weight%3D6%3B%0A%20%20%20%20%7D%0A%0A%20%20%20%23%u7B2C%u4E00%u4E2A%u865A%u62DF%u670D%u52A1%u5668%0A%20%20%20server%20%7B%0A%20%20%20%20%23%u4FA6%u542C192.168.8.x%u768480%u7AEF%u53E3%0A%20%20%20%20%20%20%20%20listen%20%20%20%20%20%20%2080%3B%0A%20%20%20%20%20%20%20%20server\_name%20%20192.168.8.x%3B%0A%0A%20%20%20%20%20%20%23%u5BF9aspx%u540E%u7F00%u7684%u8FDB%u884C%u8D1F%u8F7D%u5747%u8861%u8BF7%u6C42%0A%20%20%20%20location%20%7E%20.\*%5C.aspx%24%20%7B%0A%0A%20%20%20%20%20%20%20%20%20root%20%20%20/root%3B%20%20%20%20%20%20%23%u5B9A%u4E49%u670D%u52A1%u5668%u7684%u9ED8%u8BA4%u7F51%u7AD9%u6839%u76EE%u5F55%u4F4D%u7F6E%0A%20%20%20%20%20%20%20%20%20%20index%20index.php%20index.html%20index.htm%3B%20%20%20%23%u5B9A%u4E49%u9996%u9875%u7D22%u5F15%u6587%u4EF6%u7684%u540D%u79F0%0A%0A%20%20%20%20%20%20%20%20%20%20proxy\_pass%20%20http%3A//mysvr%20%3B%23%u8BF7%u6C42%u8F6C%u5411mysvr%20%u5B9A%u4E49%u7684%u670D%u52A1%u5668%u5217%u8868%0A%0A%20%20%20%20%20%20%20%20%20%20%23%u4EE5%u4E0B%u662F%u4E00%u4E9B%u53CD%u5411%u4EE3%u7406%u7684%u914D%u7F6E%u53EF%u5220%u9664.%0A%0A%20%20%20%20%20%20%20%20%20%20proxy\_redirect%20off%3B%0A%0A%20%20%20%20%20%20%20%20%20%20%23%u540E%u7AEF%u7684Web%u670D%u52A1%u5668%u53EF%u4EE5%u901A%u8FC7X-Forwarded-For%u83B7%u53D6%u7528%u6237%u771F%u5B9EIP%0A%20%20%20%20%20%20%20%20%20%20proxy\_set\_header%20Host%20%24host%3B%0A%20%20%20%20%20%20%20%20%20%20proxy\_set\_header%20X-Real-IP%20%24remote\_addr%3B%0A%20%20%20%20%20%20%20%20%20%20proxy\_set\_header%20X-Forwarded-For%20%24proxy\_add\_x\_forwarded\_for%3B%0A%20%20%20%20%20%20%20%20%20%20client\_max\_body\_size%2010m%3B%20%20%20%20%23%u5141%u8BB8%u5BA2%u6237%u7AEF%u8BF7%u6C42%u7684%u6700%u5927%u5355%u6587%u4EF6%u5B57%u8282%u6570%0A%20%20%20%20%20%20%20%20%20%20client\_body\_buffer\_size%20128k%3B%20%20%23%u7F13%u51B2%u533A%u4EE3%u7406%u7F13%u51B2%u7528%u6237%u7AEF%u8BF7%u6C42%u7684%u6700%u5927%u5B57%u8282%u6570%uFF0C%0A%20%20%20%20%20%20%20%20%20%20proxy\_connect\_timeout%2090%3B%20%20%23nginx%u8DDF%u540E%u7AEF%u670D%u52A1%u5668%u8FDE%u63A5%u8D85%u65F6%u65F6%u95F4%28%u4EE3%u7406%u8FDE%u63A5%u8D85%u65F6%29%0A%20%20%20%20%20%20%20%20%20%20proxy\_send\_timeout%2090%3B%20%20%20%20%20%20%20%20%23%u540E%u7AEF%u670D%u52A1%u5668%u6570%u636E%u56DE%u4F20%u65F6%u95F4%28%u4EE3%u7406%u53D1%u9001%u8D85%u65F6%29%0A%20%20%20%20%20%20%20%20%20%20proxy\_read\_timeout%2090%3B%20%20%20%20%20%20%20%20%20%23%u8FDE%u63A5%u6210%u529F%u540E%uFF0C%u540E%u7AEF%u670D%u52A1%u5668%u54CD%u5E94%u65F6%u95F4%28%u4EE3%u7406%u63A5%u6536%u8D85%u65F6%29%0A%20%20%20%20%20%20%20%20%20%20proxy\_buffer\_size%204k%3B%20%20%20%20%20%20%20%20%20%20%20%20%20%23%u8BBE%u7F6E%u4EE3%u7406%u670D%u52A1%u5668%uFF08nginx%uFF09%u4FDD%u5B58%u7528%u6237%u5934%u4FE1%u606F%u7684%u7F13%u51B2%u533A%u5927%u5C0F%0A%20%20%20%20%20%20%20%20%20%20proxy\_buffers%204%2032k%3B%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%23proxy\_buffers%u7F13%u51B2%u533A%uFF0C%u7F51%u9875%u5E73%u5747%u572832k%u4EE5%u4E0B%u7684%u8BDD%uFF0C%u8FD9%u6837%u8BBE%u7F6E%0A%20%20%20%20%20%20%20%20%20%20proxy\_busy\_buffers\_size%2064k%3B%20%20%20%20%23%u9AD8%u8D1F%u8377%u4E0B%u7F13%u51B2%u5927%u5C0F%uFF08proxy\_buffers\*2%uFF09%0A%20%20%20%20%20%20%20%20%20%20proxy\_temp\_file\_write\_size%2064k%3B%20%20%23%u8BBE%u5B9A%u7F13%u5B58%u6587%u4EF6%u5939%u5927%u5C0F%uFF0C%u5927%u4E8E%u8FD9%u4E2A%u503C%uFF0C%u5C06%u4ECEupstream%u670D%u52A1%u5668%u4F20%0A%0A%20%20%20%20%20%20%20%7D%0A%0A%20%20%20%20%20%7D%0A%7D%0A%0A%60%60%60%0Aweb%u670D%u52A1%u5668%u5B89%u88C5appache%0A%60%60%60bash%0Ayum%20install%20httpd%20-y%0A%24%20/etc/init.d/httpd%20start%0A%24%20lsof%20-i%20%3A80%0A%24%20vim%20nginx.conf%0Aworker\_processed%201%3B%0Aevents%20%7B%0A%09worker\_connections%201024%3B%0A%7D%0Ahttp%7B%0A%09include%20mime.types%3B%0A%09defaulte\_type%20application/octet-stream%3B%0A%09sendfile%20on%3B%0A%09keepalive\_timeout%2065%3B%0A%09upstream%20web\_pools%20%7B%0A%09%09ip\_hash%3B%0A%09%09server%20web01%3A80%20weight%3D5%3B%0A%09%09server%20web02%3A80%20weight%3D5%3B%0A%09%09server%20web03%3A80%20weight%3D5%20backup%3B%0A%09%7D%0A%09server%20%7B%0A%09%09listen%2080%3B%0A%09%09server\_name%20www.gsandow.com%0A%09%09location%20/%20%7B%0A%09%09%09root%20html%3B%0A%09%09%09index%20index.html%20index.htm%3B%0A%09%09%09proxy\_pass%20http%3A//web\_pools%3B%0A%09%09%09%7D%0A%09%7D%0A%7D%0A%0A%60%60%60%0A%u9ED8%u8BA4%u4E3A%u8F6E%u5F55%u7684%u65B9%u6CD5%u6765%u7B97%uFF0C%u7531weight%u6765%u63A7%u5236%u8BBF%u95EE%u6B21%u6570%0Aip\_hash%3B%20%u4E00%u4E2AIP%u53EA%u5141%u8BB8%u5230%u4E00%u4E2AIP%uFF0C%u4FDD%u8BC1%u4F1A%u8BDD%u4FDD%u6301%0Abackup%u4E3A%u70ED%u5907%uFF0C%0A%0A%23%23%23%20upstream%20%u8D1F%u8F7D%u5747%u8861%u5668%0A%5Bnginx%20upstream%5D%28http%3A//nginx.org/en/docs/http/ngx\_http\_upstream\_conf\_module.html%29%0A%u652F%u6301%u7684%u4EE3%u7406%u65B9%u5F0F%u6709%20prxoy\_pass%20fastcgi\_pass%2C%20%0A%20memcached\_pass%0A%0Aupstream%20%u6A21%u5757%u5E94%u653E%u4E8Enginx.conf%u914D%u7F6E%u7684http%7B%7D%u6807%u7B7E%u5185%0Aupstream%20%u6A21%u5757%u9ED8%u8BA4%u7B97%u6CD5%u662Fwrr%20%uFF08weighted%20round-robin%29%0A-%20server%20172.16.1.7%0A-%20weight%20%u6743%u91CD%0A-%20max\_fails%3D2%20%u6700%u5927%u5C1D%u8BD5%u5931%u8D25%u6B21%u6570%uFF0C%u5EFA%u8BAE%u4E3A2-4%0A-%20backup%0A-%20fail\_timeout%3D20s%uFF0C%u5931%u8D25%u8D85%u65F6%u65F6%u95F4%20%u4EAC%u4E1C3S%uFF0C%u84DD%u6C5B10S%0A-%20down%0A%0A%0A%23%23ip%20hash%20%u4F1A%u8BDD%u4FDD%u6301%0A%u662F%u89E3%u51B3%u52A8%u6001%u7F51%u9875session%u5171%u4EAB%u95EE%u9898%uFF0C%u4F46%u6709%u65F6%u5019%u4F1A%u8BF7%u6C42%u5206%u914D%u4E0D%u5747%uFF0C%0A%0APHP%20IN%20%20SESSIOn%u5171%u4EAB%u7F13%u5B58%u7EC4%0A%0A%23%23fair%20%u52A8%u6001%u7B97%u6CD5%0A%u54CD%u5E94%u65F6%u95F4%u77ED%u7684%u4F18%u5148%u5206%u914D%uFF0C%u6309%u7167%u540E%u7AEF%u670D%u52A1%u5668RS%u7684%u54CD%u5E94%u65F6%u95F4%u6765%u5206%u914D%u8BF7%u6C42%0A%0A%23%23%20url\_hash%20%uFF0Cweb%u7F13%u5B58%u8282%u70B9%0A%u6309%u7167url%u7684hash%u7ED3%u679C%u6765%u5206%u914D%u8BF7%u6C42%uFF0C%u8BA9%u6BCF%u4E2Aurl%u5B9A%u5411%u5230%u540C%u4E00%u4E2A%u540E%u7AEF%u670D%u52A1%u5668%uFF0C%u540E%u7AEF%u670D%u52A1%u5668%u4E3A%u7F13%u5B58%u670D%u52A1%u5668%u65F6%u6548%u679C%u663E%u8457%uFF0C%u53EF%u4EE5%u63D0%u9AD8%20%u540E%u7AEF%u7F13%u5B58%u670D%u52A1%u5668%u7684%u6548%u7387%uFF08%u4E3B%u8981%u7528%u4E8Eweb%u7F13%u5B58%uFF09%0A%u82E5%u4E00%u53F0down%uFF0C%20%0A%0A%u6DD8%u5B9D300T%uFF0C%u600E%u4E48%u89E3%u51B3%u5B58%u50A8%u548C%u7F13%u5B58%u95EE%u9898%0A%0A%0A%23%23%23%20%u81EA%u52A8%u5B89%u88C5nginx%0A%60%60%60bash%0A%23%21/bin/sh%0A.%20/etc/init.d/functions%0A%0ADir%3D%22/application%22%0ASoftDir%3D%22/home/sandow/tools%22%0A%23%20%u9519%u8BEF%u8F93%u51FA%uFF0C%u5B89%u88C5%u6210%u529F%u4FBF%u4F1A%u6709TRUE%u663E%u793A%0Afunction%20Msg%20%28%29%20%7B%0Aif%20%5B%20%24%3F%20-eq%200%20%5D%3Bthen%0A%20%20action%20%22%241%22%20/bin/true%0Aelse%0A%20%20action%20%22%241%22%20/bin/false%0A%20exit%201%0A%20fi%0A%7D%0A%23%u589E%u52A0%u7528%u6237%uFF0C%u9002%u7528%u4E8Enginx%u7684%u7528%u6237%0Afunction%20User%20%28%29%20%7B%0Ause%3D%60grep%20%22nginx%22%20/etc/passwd%7Cwc%20-l%60%0A%0A%5B%20-d%20%24SoftDir%20%5D%20%7C%7C/bin/mkdir%20%24SoftDir%20-p%20%26%26%20%5C%0Acd%20%24SoftDir%20%26%26%20%5C%0Aif%20%5B%20%24use%20-ne%201%20%5D%3Bthen%0A%09/usr/sbin/useradd%20-u%20888%20nginx%20-s%20/sbin/nologin%20-M%20%26%3E/dev/null%0Afi%0A%20Msg%20%22mkdir%26user%22%0A%7D%0A%0Afunction%20installNginx%20%28%29%20%7B%0Ayum%20-y%20install%20pcre-devel%20openssl-devel%20%3E/dev/null%20%26%26%20%5C%0Acd%20%24SoftDir%20%26%26%20%5C%0A/usr/bin/wget%20http%3A//nginx.org/download/nginx-1.6.3.tar.gz%20%26%26%20%5C%0A/bin/tar%20zxf%20nginx-1.6.3.tar.gz%20%26%26%20%5C%0Acd%20nginx-1.6.3%20%26%26%20%5C%0A./configure%20--prefix%3D/application/nginx-1.6.3%20%5C%0A--user%3Dnginx%20%5C%0A--group%3Dnginx%20%5C%0A--with-http\_ssl\_module%20%5C%0A--with-http\_stub\_status\_module%20%26%3E/dev/null%20%20%7C%7C%0Amake%20%3E/dev/null%20%26%26%20make%20install%20%3E/dev/null%20%26%26%20%5C%0A%20%20Msg%20%22make%20and%20install%22%0A%7D%0A%23%20%u914D%u7F6Enginx%u5E76%u4E14%u542F%u52A8nginx%uFF0C%u7AD9%u70B9%u76EE%u5F55%u5728/data/www%u4E0B%0Afunction%20deployN%20%28%29%20%7B%0Aln%20-s%20%24Dir/nginx-1.6.3/%20%24Dir/nginx%20%26%3E/dev/null%20%26%26%20%5C%0Acat%20%3E/application/nginx/conf/nginx.conf%20%3C%3CEOF%0Aworker\_processes%20%201%3B%20%20%0Aevents%20%7B%0A%20%20%20%20worker\_connections%20%201024%3B%0A%7D%0Ahttp%20%7B%0A%20%20%20%20include%20%20%20%20%20%20%20mime.types%3B%0A%20%20%20%20default\_type%20%20application/octet-stream%3B%0A%20%20%20%20sendfile%20%20%20%20%20%20%20%20on%3B%20%0A%20%20%20%20access\_log%20/app/logs/access.log%3B%0A%20%20%20%20error\_log%20/app/logs/error.log%3B%0A%20%20%20%20keepalive\_timeout%20%2065%3B%20%0A%20%20%20%20server%20%7B%0A%20%20%20%20%20%20%20%20listen%20%20%20%20%20%20%2080%3B%20%0A%20%20%20%20%20%20%20%20server\_name%20%20www.etiantian.org%3B%0A%20%20%20%20%20%20%20%20%20%20%20%20root%20%20%20/data/www/www%3B%0A%20%20%20%20%20%20%20%20%20%20%20%20index%20%20index.html%20index.htm%3B%0A%20%20%20%20%20%20%20%20%7D%20%20%20%0A%20%20%20%20server%20%7B%0A%20%20%20%20%20%20%20%20listen%20%20%20%20%20%20%2080%3B%20%0A%20%20%20%20%20%20%20%20server\_name%20%20bbs.etiantian.org%3B%0A%20%20%20%20%20%20%20%20%20%20%20%20root%20%20%20/data/www/bbs%3B%0A%20%20%20%20%20%20%20%20%20%20%20%20index%20%20index.html%20index.htm%3B%0A%20%20%20%20%20%20%20%20%7D%20%20%20%0A%20%20%20%20server%20%7B%0A%20%20%20%20%20%20%20%20listen%20%20%20%20%20%20%2080%3B%20%0A%20%20%20%20%20%20%20%20server\_name%20%20blog.etiantian.org%3B%0A%20%20%20%20%20%20%20%20root%20/data/www/blog%3B%0A%20%20%20%20%20%20%20%20location%20/%20%7B%20%0A%20%20%20%20%20%20%20%20%20%20%20%20index%20%20index.php%20index.html%20index.htm%3B%0A%20%20%20%20%20%20%20%20%7D%20%20%20%0A%20%20%20%20%20%20%20%20location%20%7E%20.\*%5C.%28php%7Cphp5%29%3F%24%20%7B%0A%20%20%20%20%20%20%20%20%20%20%20%20fastcgi\_pass%20%20127.0.0.1%3A9000%3B%0A%20%20%20%20%20%20%20%20%20%20%20%20fastcgi\_index%20index.php%3B%0A%20%20%20%20%20%20%20%20%20%20%20%20include%20fastcgi.conf%3B%0A%20%20%20%20%20%20%20%20%7D%20%20%20%0A%20%20%20%20%7D%20%20%20%0A%7D%0AEOF%0A%7D%0A%0Afunction%20startN%20%28%29%7B%0A/bin/mkdir%20-p%20/app/logs%20%26%26%20%5C%0A/bin/mkdir%20-p%20/data/www/www%20/data/www/blog%20/data/www/bbs%20%26%26%20%5C%0Achown%20-R%20nginx.nginx%20/data%0Anet%3D%60netstat%20-lntup%20%7Cgrep%2080%7Cgrep%20-v%20%22grep%22%20%7Cwc%20-l%60%0A%5B%20%22%24net%22%20-ne%200%20%5D%20%26%26%20/usr/bin/killall%20%60netstat%20-lntup%20%7Cgrep%2080%7Cawk%20-F%20%27/%27%20%27%7Bprint%20%24NF%7D%27%60%20%26%3E/dev/null%20%26%26%20%24Dir/nginx/sbin/nginx%20%7C%7C%20%24Dir/nginx/sbin/nginx%20%26%3E/dev/null%0A%20Msg%20%22Nginx%20start%22%0A%7D%0Afunction%20main%20%28%29%20%7B%0AUser%0AinstallNginx%0AdeployN%0AstartN%0A%7D%0Amain%0A%0A%60%60%60%0A%0A%0A%0A%23%23%20nginx%20location%u914D%u7F6E%u8BE6%u89E3%0A%0A%23%23%23%20location%20%u8BED%u6CD5%u89C4%u5219%0A%0A%60location%20%5B%3D%7C%7E%7C%7E\*%7C%5E%7E%5D%20/uri/%20%7B%20%u2026%20%7D%60%0A%0A%60%60%60%0Alocation%20%20%3D%20/%20%7B%0A%20%20%23%20%u7CBE%u786E%u5339%u914D%20/%20%uFF0C%u4E3B%u673A%u540D%u540E%u9762%u4E0D%u80FD%u5E26%u4EFB%u4F55%u5B57%u7B26%u4E32%0A%20%20%5B%20configuration%20A%20%5D%20%0A%7D%0Alocation%20%20/%20%7B%0A%20%20%23%20%u56E0%u4E3A%u6240%u6709%u7684%u5730%u5740%u90FD%u4EE5%20/%20%u5F00%u5934%uFF0C%u6240%u4EE5%u8FD9%u6761%u89C4%u5219%u5C06%u5339%u914D%u5230%u6240%u6709%u8BF7%u6C42%0A%20%20%23%20%u4F46%u662F%u6B63%u5219%u548C%u6700%u957F%u5B57%u7B26%u4E32%u4F1A%u4F18%u5148%u5339%u914D%0A%20%20%5B%20configuration%20B%20%5D%20%0A%7D%0Alocation%20/documents/%20%7B%0A%20%20%23%20%u5339%u914D%u4EFB%u4F55%u4EE5%20/documents/%20%u5F00%u5934%u7684%u5730%u5740%uFF0C%u5339%u914D%u7B26%u5408%u4EE5%u540E%uFF0C%u8FD8%u8981%u7EE7%u7EED%u5F80%u4E0B%u641C%u7D22%0A%20%20%23%20%u53EA%u6709%u540E%u9762%u7684%u6B63%u5219%u8868%u8FBE%u5F0F%u6CA1%u6709%u5339%u914D%u5230%u65F6%uFF0C%u8FD9%u4E00%u6761%u624D%u4F1A%u91C7%u7528%u8FD9%u4E00%u6761%0A%20%20%5B%20configuration%20C%20%5D%20%0A%7D%0Alocation%20%7E%20/documents/Abc%20%7B%0A%20%20%23%20%u5339%u914D%u4EFB%u4F55%u4EE5%20/documents/%20%u5F00%u5934%u7684%u5730%u5740%uFF0C%u5339%u914D%u7B26%u5408%u4EE5%u540E%uFF0C%u8FD8%u8981%u7EE7%u7EED%u5F80%u4E0B%u641C%u7D22%0A%20%20%23%20%u53EA%u6709%u540E%u9762%u7684%u6B63%u5219%u8868%u8FBE%u5F0F%u6CA1%u6709%u5339%u914D%u5230%u65F6%uFF0C%u8FD9%u4E00%u6761%u624D%u4F1A%u91C7%u7528%u8FD9%u4E00%u6761%0A%20%20%5B%20configuration%20CC%20%5D%20%0A%7D%0Alocation%20%5E%7E%20/images/%20%7B%0A%20%20%23%20%u5339%u914D%u4EFB%u4F55%u4EE5%20/images/%20%u5F00%u5934%u7684%u5730%u5740%uFF0C%u5339%u914D%u7B26%u5408%u4EE5%u540E%uFF0C%u505C%u6B62%u5F80%u4E0B%u641C%u7D22%u6B63%u5219%uFF0C%u91C7%u7528%u8FD9%u4E00%u6761%u3002%0A%20%20%5B%20configuration%20D%20%5D%20%0A%7D%0Alocation%20%7E\*%20%5C.%28gif%7Cjpg%7Cjpeg%29%24%20%7B%0A%20%20%23%20%u5339%u914D%u6240%u6709%u4EE5%20gif%2Cjpg%u6216jpeg%20%u7ED3%u5C3E%u7684%u8BF7%u6C42%0A%20%20%23%20%u7136%u800C%uFF0C%u6240%u6709%u8BF7%u6C42%20/images/%20%u4E0B%u7684%u56FE%u7247%u4F1A%u88AB%20config%20D%20%u5904%u7406%uFF0C%u56E0%u4E3A%20%5E%7E%20%u5230%u8FBE%u4E0D%u4E86%u8FD9%u4E00%u6761%u6B63%u5219%0A%20%20%5B%20configuration%20E%20%5D%20%0A%7D%0Alocation%20/images/%20%7B%0A%20%20%23%20%u5B57%u7B26%u5339%u914D%u5230%20/images/%uFF0C%u7EE7%u7EED%u5F80%u4E0B%uFF0C%u4F1A%u53D1%u73B0%20%5E%7E%20%u5B58%u5728%0A%20%20%5B%20configuration%20F%20%5D%20%0A%7D%0Alocation%20/images/abc%20%7B%0A%20%20%23%20%u6700%u957F%u5B57%u7B26%u5339%u914D%u5230%20/images/abc%uFF0C%u7EE7%u7EED%u5F80%u4E0B%uFF0C%u4F1A%u53D1%u73B0%20%5E%7E%20%u5B58%u5728%0A%20%20%23%20F%u4E0EG%u7684%u653E%u7F6E%u987A%u5E8F%u662F%u6CA1%u6709%u5173%u7CFB%u7684%0A%20%20%5B%20configuration%20G%20%5D%20%0A%7D%0Alocation%20%7E%20/images/abc/%20%7B%0A%20%20%23%20%u53EA%u6709%u53BB%u6389%20config%20D%20%u624D%u6709%u6548%uFF1A%u5148%u6700%u957F%u5339%u914D%20config%20G%20%u5F00%u5934%u7684%u5730%u5740%uFF0C%u7EE7%u7EED%u5F80%u4E0B%u641C%u7D22%uFF0C%u5339%u914D%u5230%u8FD9%u4E00%u6761%u6B63%u5219%uFF0C%u91C7%u7528%0A%20%20%20%20%5B%20configuration%20H%20%5D%20%0A%7D%0Alocation%20%7E\*%20/js/.\*/%5C.js%0A%60%60%60%0A%0A%0A%0A%7C%u7B26%u53F7%7C%u610F%u601D%7C%0A%7C%3A---%3A%7C%3A----%3A%7C%0A%7C%3D%7C%20%u5F00%u5934%u8868%u793A%u7CBE%u786E%u5339%u914D%7C%0A%7C%5E%7E%7C%u5F00%u5934%u8868%u793Aurl%u4EE5%u67D0%u4E2A%u5E38%u89C4%u5B57%u7B26%u4E32%u5F00%u5934%uFF0C%u7406%u89E3%u4E3A%u5339%u914Durl%u8DEF%u5F84%u5373%u53EF%uFF0Cnginx%u4E0D%u5BF9url%u505A%u7F16%u7801%uFF0C%u56E0%u6B64%u8BF7%u6C42%u4E3A/static/20%25/aa%2C%u53EF%u4EE5%u88AB%u89C4%u5219%20%5E%24%20/static/%20/aa%20%u5339%u914D%u5230%7C%0A%7C%7E%20%7C%20%u533A%u5206%u5927%u5C0F%u5199%u7684%u6B63%u5219%u5339%u914D%7C%0A%7C%7E\*%7C%u4E0D%u533A%u5206%u5927%u5C0F%u5199%u7684%u6B63%u5219%u5339%u914D%7C%0A%7C%21%7E%20%20%21%7E\*%7C%20%u533A%u5206%u5927%u5C0F%u5199%u4E0D%u5339%u914D%u53CA%u4E0D%u533A%u5206%u5927%u5C0F%u5199%u4E0D%u5339%u914D%u7684%u6B63%u5219%7C%0A%7C/%20%7C%20%u901A%u7528%u5339%u914D%uFF0C%u4EFB%u4F55%u8BF7%u6C42%u90FD%u4F1A%u5339%u914D%u5230%7C%0A%0A%u591A%u4E2Alocation%u914D%u7F6E%u7684%u60C5%u51B5%u4E0B%u5339%u914D%u987A%u5E8F%u4E3A%u9996%u5148%u5339%u914D%20%3D%20%u5176%u6B21%u5339%u914D%20%5E%7E%20%u5176%u6B21%u662F%u6309%u6587%u4EF6%u4E2D%u7684%u987A%u5E8F%u7684%u6B63%u5219%u5339%u914D%uFF0C%u6700%u540E%u662F%u4EA4%u7ED9%20/%20%u901A%u7528%u5339%u914D%u3002%20%u5F53%u5339%u914D%u6210%u529F%u7684%u65F6%u5019%uFF0C%u505C%u6B62%u5339%u914D%uFF0C%u6309%u5F53%u524D%u5339%u914D%u89C4%u5219%u5904%u7406%u8BF7%u6C42%u3002%0A%60%60%60%0Alocation%20%3D%20/%20%7B%0A%20%20%20%23%u89C4%u5219A%0A%7D%0Alocation%20%3D%20/login%20%7B%0A%20%20%20%23%u89C4%u5219B%0A%7D%0Alocation%20%5E%7E%20/static/%20%7B%0A%20%20%20%23%u89C4%u5219C%0A%7D%0Alocation%20%7E%20%5C.%28gif%7Cjpg%7Cpng%7Cjs%7Ccss%29%24%20%7B%0A%20%20%20%23%u89C4%u5219D%0A%7D%0Alocation%20%7E\*%20%5C.png%24%20%7B%0A%20%20%20%23%u89C4%u5219E%0A%7D%0Alocation%20%21%7E%20%5C.xhtml%24%20%7B%0A%20%20%20%23%u89C4%u5219F%0A%7D%0Alocation%20%21%7E\*%20%5C.xhtml%24%20%7B%0A%20%20%20%23%u89C4%u5219G%0A%7D%0Alocation%20/%20%7B%0A%20%20%20%23%u89C4%u5219H%0A%7D%0A%60%60%60%0A%u90A3%u4E48%u4EA7%u751F%u7684%u6548%u679C%u5982%u4E0B%uFF1A%0A%u8BBF%u95EE%u6839%u76EE%u5F55/%uFF0C%20%u6BD4%u5982http%3A//localhost/%20%u5C06%u5339%u914D%u89C4%u5219A%0A%u8BBF%u95EE%20http%3A//localhost/login%20%u5C06%u5339%u914D%u89C4%u5219B%uFF0Chttp%3A//localhost/register%20%u5219%u5339%u914D%u89C4%u5219H%0A%u8BBF%u95EE%20http%3A//localhost/static/a.html%20%u5C06%u5339%u914D%u89C4%u5219C%0A%u8BBF%u95EE%20http%3A//localhost/a.gif%2C%20http%3A//localhost/b.jpg%20%u5C06%u5339%u914D%u89C4%u5219D%u548C%u89C4%u5219E%uFF0C%u4F46%u662F%u89C4%u5219D%u987A%u5E8F%u4F18%u5148%uFF0C%u89C4%u5219E%u4E0D%u8D77%u4F5C%u7528%uFF0C%u800C%20http%3A//localhost/static/c.png%20%u5219%u4F18%u5148%u5339%u914D%u5230%u89C4%u5219C%0A%u8BBF%u95EE%20http%3A//localhost/a.PNG%20%u5219%u5339%u914D%u89C4%u5219E%uFF0C%u800C%u4E0D%u4F1A%u5339%u914D%u89C4%u5219D%uFF0C%u56E0%u4E3A%u89C4%u5219E%u4E0D%u533A%u5206%u5927%u5C0F%u5199%u3002%0A%u8BBF%u95EE%20http%3A//localhost/a.xhtml%20%u4E0D%u4F1A%u5339%u914D%u89C4%u5219F%u548C%u89C4%u5219G%uFF0Chttp%3A//localhost/a.XHTML%u4E0D%u4F1A%u5339%u914D%u89C4%u5219G%uFF0C%u56E0%u4E3A%u4E0D%u533A%u5206%u5927%u5C0F%u5199%u3002%u89C4%u5219F%uFF0C%u89C4%u5219G%u5C5E%u4E8E%u6392%u9664%u6CD5%uFF0C%u7B26%u5408%u5339%u914D%u89C4%u5219%u4F46%u662F%u4E0D%u4F1A%u5339%u914D%u5230%uFF0C%u6240%u4EE5%u60F3%u60F3%u770B%u5B9E%u9645%u5E94%u7528%u4E2D%u54EA%u91CC%u4F1A%u7528%u5230%u3002%0A%u8BBF%u95EE%20http%3A//localhost/category/id/1111%20%u5219%u6700%u7EC8%u5339%u914D%u5230%u89C4%u5219H%uFF0C%u56E0%u4E3A%u4EE5%u4E0A%u89C4%u5219%u90FD%u4E0D%u5339%u914D%uFF0C%u8FD9%u4E2A%u65F6%u5019%u5E94%u8BE5%u662Fnginx%u8F6C%u53D1%u8BF7%u6C42%u7ED9%u540E%u7AEF%u5E94%u7528%u670D%u52A1%u5668%uFF0C%u6BD4%u5982FastCGI%uFF08php%uFF09%uFF0Ctomcat%uFF08jsp%uFF09%uFF0Cnginx%u4F5C%u4E3A%u53CD%u5411%u4EE3%u7406%u670D%u52A1%u5668%u5B58%u5728%u3002%0A%0A%u6240%u4EE5%u5B9E%u9645%u4F7F%u7528%u4E2D%uFF0C%u4E2A%u4EBA%u89C9%u5F97%u81F3%u5C11%u6709%u4E09%u4E2A%u5339%u914D%u89C4%u5219%u5B9A%u4E49%uFF0C%u5982%u4E0B%uFF1A%0A%u76F4%u63A5%u5339%u914D%u7F51%u7AD9%u6839%uFF0C%u901A%u8FC7%u57DF%u540D%u8BBF%u95EE%u7F51%u7AD9%u9996%u9875%u6BD4%u8F83%u9891%u7E41%uFF0C%u4F7F%u7528%u8FD9%u4E2A%u4F1A%u52A0%u901F%u5904%u7406%uFF0C%u5B98%u7F51%u5982%u662F%u8BF4%u3002%0A%u8FD9%u91CC%u662F%u76F4%u63A5%u8F6C%u53D1%u7ED9%u540E%u7AEF%u5E94%u7528%u670D%u52A1%u5668%u4E86%uFF0C%u4E5F%u53EF%u4EE5%u662F%u4E00%u4E2A%u9759%u6001%u9996%u9875%0A%0A%u7B2C%u4E00%u4E2A%u5FC5%u9009%u89C4%u5219%0Alocation%20%3D%20/%20%7B%0A%20%20%20%20proxy\_pass%20http%3A//tomcat%3A8080/index%0A%7D%0A%20%u7B2C%u4E8C%u4E2A%u5FC5%u9009%u89C4%u5219%u662F%u5904%u7406%u9759%u6001%u6587%u4EF6%u8BF7%u6C42%uFF0C%u8FD9%u662Fnginx%u4F5C%u4E3Ahttp%u670D%u52A1%u5668%u7684%u5F3A%u9879%0A%20%u6709%u4E24%u79CD%u914D%u7F6E%u6A21%u5F0F%uFF0C%u76EE%u5F55%u5339%u914D%u6216%u540E%u7F00%u5339%u914D%2C%u4EFB%u9009%u5176%u4E00%u6216%u642D%u914D%u4F7F%u7528%0Alocation%20%5E%7E%20/static/%20%7B%0A%20%20%20%20root%20/webroot/static/%3B%0A%7D%0Alocation%20%7E\*%20%5C.%28gif%7Cjpg%7Cjpeg%7Cpng%7Ccss%7Cjs%7Cico%29%24%20%7B%0A%20%20%20%20root%20/webroot/res/%3B%0A%7D%0A%u7B2C%u4E09%u4E2A%u89C4%u5219%u5C31%u662F%u901A%u7528%u89C4%u5219%uFF0C%u7528%u6765%u8F6C%u53D1%u52A8%u6001%u8BF7%u6C42%u5230%u540E%u7AEF%u5E94%u7528%u670D%u52A1%u5668%0A%u975E%u9759%u6001%u6587%u4EF6%u8BF7%u6C42%u5C31%u9ED8%u8BA4%u662F%u52A8%u6001%u8BF7%u6C42%uFF0C%u81EA%u5DF1%u6839%u636E%u5B9E%u9645%u628A%u63E1%0A%u6BD5%u7ADF%u76EE%u524D%u7684%u4E00%u4E9B%u6846%u67B6%u7684%u6D41%u884C%uFF0C%u5E26.php%2C.jsp%u540E%u7F00%u7684%u60C5%u51B5%u5F88%u5C11%u4E86%0Alocation%20/%20%7B%0A%20%20%20%20proxy\_pass%20http%3A//tomcat%3A8080/%0A%7D%0A%0A%23%23%20ReWrite%u8BED%u6CD5%0Arewrite%u529F%u80FD%u5C31%u662F%uFF0C%u4F7F%u7528nginx%u63D0%u4F9B%u7684%u5168%u5C40%u53D8%u91CF%u6216%u81EA%u5DF1%u8BBE%u7F6E%u7684%u53D8%u91CF%uFF0C%u7ED3%u5408%u6B63%u5219%u8868%u8FBE%u5F0F%u548C%u6807%u5FD7%u4F4D%u5B9E%u73B0url%u91CD%u5199%u4EE5%u53CA%u91CD%u5B9A%u5411%u3002rewrite%u53EA%u80FD%u653E%u5728server%7B%7D%2Clocation%7B%7D%2Cif%7B%7D%u4E2D%uFF0C%u5E76%u4E14%u53EA%u80FD%u5BF9%u57DF%u540D%u540E%u8FB9%u7684%u9664%u53BB%u4F20%u9012%u7684%u53C2%u6570%u5916%u7684%u5B57%u7B26%u4E32%u8D77%u4F5C%u7528%uFF0C%u4F8B%u5982%20http%3A//seanlook.com/a/we/index.php%3Fid%3D1%26u%3Dstr%20%u53EA%u5BF9/a/we/index.php%u91CD%u5199%u3002%u8BED%u6CD5rewrite%20regex%20replacement%20%5Bflag%5D%3B%0A%0A%u5982%u679C%u76F8%u5BF9%u57DF%u540D%u6216%u53C2%u6570%u5B57%u7B26%u4E32%u8D77%u4F5C%u7528%uFF0C%u53EF%u4EE5%u4F7F%u7528%u5168%u5C40%u53D8%u91CF%u5339%u914D%uFF0C%u4E5F%u53EF%u4EE5%u4F7F%u7528proxy\_pass%u53CD%u5411%u4EE3%u7406%u3002%0A%u8868%u660E%u770Brewrite%u548Clocation%u529F%u80FD%u6709%u70B9%u50CF%uFF0C%u90FD%u80FD%u5B9E%u73B0%u8DF3%u8F6C%uFF0C%u4E3B%u8981%u533A%u522B%u5728%u4E8Erewrite%u662F%u5728%u540C%u4E00%u57DF%u540D%u5185%u66F4%u6539%u83B7%u53D6%u8D44%u6E90%u7684%u8DEF%u5F84%uFF0C%u800Clocation%u662F%u5BF9%u4E00%u7C7B%u8DEF%u5F84%u505A%u63A7%u5236%u8BBF%u95EE%u6216%u53CD%u5411%u4EE3%u7406%uFF0C%u53EF%u4EE5proxy\_pass%u5230%u5176%u4ED6%u673A%u5668%u3002%u5F88%u591A%u60C5%u51B5%u4E0Brewrite%u4E5F%u4F1A%u5199%u5728location%u91CC%uFF0C%u5B83%u4EEC%u7684%u6267%u884C%u987A%u5E8F%u662F%uFF1A%0A%u6267%u884Cserver%u5757%u7684rewrite%u6307%u4EE4%0A%u6267%u884Clocation%u5339%u914D%0A%u6267%u884C%u9009%u5B9A%u7684location%u4E2D%u7684rewrite%u6307%u4EE4%0A%u5982%u679C%u5176%u4E2D%u67D0%u6B65URI%u88AB%u91CD%u5199%uFF0C%u5219%u91CD%u65B0%u5FAA%u73AF%u6267%u884C1-3%uFF0C%u76F4%u5230%u627E%u5230%u771F%u5B9E%u5B58%u5728%u7684%u6587%u4EF6%uFF1B%u5FAA%u73AF%u8D85%u8FC710%u6B21%uFF0C%u5219%u8FD4%u56DE500%20Internal%20Server%20Error%u9519%u8BEF%u3002%0A%0A%23%23%23%20flag%20%u6807%u5FD7%u4F4D%0Alast%20%u2013%20%u57FA%u672C%u4E0A%u90FD%u7528%u8FD9%u4E2AFlag%u3002%0Abreak%20%u2013%20%u4E2D%u6B62Rewirte%uFF0C%u4E0D%u5728%u7EE7%u7EED%u5339%u914D%0Aredirect%20%u2013%20%u8FD4%u56DE%u4E34%u65F6%u91CD%u5B9A%u5411%u7684HTTP%u72B6%u6001302%0Apermanent%20%u2013%20%u8FD4%u56DE%u6C38%u4E45%u91CD%u5B9A%u5411%u7684HTTP%u72B6%u6001301%0A%0A%u56E0%u4E3A301%u548C302%u4E0D%u80FD%u7B80%u5355%u7684%u53EA%u8FD4%u56DE%u72B6%u6001%u7801%uFF0C%u8FD8%u5FC5%u987B%u6709%u91CD%u5B9A%u5411%u7684URL%uFF0C%u8FD9%u5C31%u662Freturn%u6307%u4EE4%u65E0%u6CD5%u8FD4%u56DE301%2C302%u7684%u539F%u56E0%u4E86%u3002%u8FD9%u91CC%20last%20%u548C%20break%20%u533A%u522B%u6709%u70B9%u96BE%u4EE5%u7406%u89E3%uFF1A%0Alast%u4E00%u822C%u5199%u5728server%u548Cif%u4E2D%uFF0C%u800Cbreak%u4E00%u822C%u4F7F%u7528%u5728location%u4E2D%0Alast%u4E0D%u7EC8%u6B62%u91CD%u5199%u540E%u7684url%u5339%u914D%uFF0C%u5373%u65B0%u7684url%u4F1A%u518D%u4ECEserver%u8D70%u4E00%u904D%u5339%u914D%u6D41%u7A0B%uFF0C%u800Cbreak%u7EC8%u6B62%u91CD%u5199%u540E%u7684%u5339%u914D%0Abreak%u548Clast%u90FD%u80FD%u7EC4%u7EC7%u7EE7%u7EED%u6267%u884C%u540E%u9762%u7684rewrite%u6307%u4EE4%0A%0A%23%23%23%20if%20%u6307%u4EE4%u4E0E%u5168%u5C40%u53D8%u91CF%0A%u8BED%u6CD5%u4E3Aif%28condition%29%7B...%7D%uFF0C%u5BF9%u7ED9%u5B9A%u7684%u6761%u4EF6condition%u8FDB%u884C%u5224%u65AD%u3002%u5982%u679C%u4E3A%u771F%uFF0C%u5927%u62EC%u53F7%u5185%u7684rewrite%u6307%u4EE4%u5C06%u88AB%u6267%u884C%uFF0Cif%u6761%u4EF6%28conditon%29%u53EF%u4EE5%u662F%u5982%u4E0B%u4EFB%u4F55%u5185%u5BB9%uFF1A%0A%0A%u5F53%u8868%u8FBE%u5F0F%u53EA%u662F%u4E00%u4E2A%u53D8%u91CF%u65F6%uFF0C%u5982%u679C%u503C%u4E3A%u7A7A%u6216%u4EFB%u4F55%u4EE50%u5F00%u5934%u7684%u5B57%u7B26%u4E32%u90FD%u4F1A%u5F53%u505Afalse%0A%u76F4%u63A5%u6BD4%u8F83%u53D8%u91CF%u548C%u5185%u5BB9%u65F6%uFF0C%u4F7F%u7528%3D%u6216%21%3D%0A%7E%u6B63%u5219%u8868%u8FBE%u5F0F%u5339%u914D%uFF0C%7E\*%u4E0D%u533A%u5206%u5927%u5C0F%u5199%u7684%u5339%u914D%uFF0C%21%7E%u533A%u5206%u5927%u5C0F%u5199%u7684%u4E0D%u5339%u914D%0A%0A1%u3001%u4E0B%u9762%u662F%u53EF%u4EE5%u7528%u6765%u5224%u65AD%u7684%u8868%u8FBE%u5F0F%uFF1A%0A-f%u548C%21-f%u7528%u6765%u5224%u65AD%u662F%u5426%u5B58%u5728%u6587%u4EF6%0A-d%u548C%21-d%u7528%u6765%u5224%u65AD%u662F%u5426%u5B58%u5728%u76EE%u5F55%0A-e%u548C%21-e%u7528%u6765%u5224%u65AD%u662F%u5426%u5B58%u5728%u6587%u4EF6%u6216%u76EE%u5F55%0A-x%u548C%21-x%u7528%u6765%u5224%u65AD%u6587%u4EF6%u662F%u5426%u53EF%u6267%u884C%0A2%u3001%u4E0B%u9762%u662F%u53EF%u4EE5%u7528%u4F5C%u5224%u65AD%u7684%u5168%u5C40%u53D8%u91CF%0A%60%60%60%0Aif%20%28%24http\_user\_agent%20%7E%20MSIE%29%20%7B%0A%20%20%20%20rewrite%20%5E%28.\*%29%24%20/msie/%241%20break%3B%0A%7D%20//%u5982%u679CUA%u5305%u542B%22MSIE%22%uFF0Crewrite%u8BF7%u6C42%u5230/msid/%u76EE%u5F55%u4E0B%0Aif%20%28%24http\_cookie%20%7E\*%20%22id%3D%28%5B%5E%3B%5D+%29%28%3F%3A%3B%7C%24%29%22%29%20%7B%0A%20%20%20%20set%20%24id%20%241%3B%0A%20%7D%20//%u5982%u679Ccookie%u5339%u914D%u6B63%u5219%uFF0C%u8BBE%u7F6E%u53D8%u91CF%24id%u7B49%u4E8E%u6B63%u5219%u5F15%u7528%u90E8%u5206%0Aif%20%28%24request\_method%20%3D%20POST%29%20%7B%0A%20%20%20%20return%20405%3B%0A%7D%20//%u5982%u679C%u63D0%u4EA4%u65B9%u6CD5%u4E3APOST%uFF0C%u5219%u8FD4%u56DE%u72B6%u6001405%uFF08Method%20not%20allowed%uFF09%u3002return%u4E0D%u80FD%u8FD4%u56DE301%2C302%0Aif%20%28%24slow%29%20%7B%0A%20%20%20%20limit\_rate%2010k%3B%0A%7D%20//%u9650%u901F%uFF0C%24slow%u53EF%u4EE5%u901A%u8FC7%20set%20%u6307%u4EE4%u8BBE%u7F6E%0Aif%20%28%21-f%20%24request\_filename%29%7B%0A%20%20%20%20break%3B%0A%20%20%20%20proxy\_pass%20%20http%3A//127.0.0.1%3B%20%0A%7D%20//%u5982%u679C%u8BF7%u6C42%u7684%u6587%u4EF6%u540D%u4E0D%u5B58%u5728%uFF0C%u5219%u53CD%u5411%u4EE3%u7406%u5230localhost%20%u3002%u8FD9%u91CC%u7684break%u4E5F%u662F%u505C%u6B62rewrite%u68C0%u67E5%0Aif%20%28%24args%20%7E%20post%3D140%29%7B%0A%20%20%20%20rewrite%20%5E%20http%3A//example.com/%20permanent%3B%0A%7D%20//%u5982%u679Cquery%20string%u4E2D%u5305%u542B%22post%3D140%22%uFF0C%u6C38%u4E45%u91CD%u5B9A%u5411%u5230example.com%0Alocation%20%7E\*%20%5C.%28gif%7Cjpg%7Cpng%7Cswf%7Cflv%29%24%20%7B%0A%20%20%20%20valid\_referers%20none%20blocked%20www.jefflei.com%20www.leizhenfang.com%3B%0A%20%20%20%20if%20%28%24invalid\_referer%29%20%7B%0A%20%20%20%20%20%20%20%20return%20404%3B%0A%20%20%20%20%7D%20//%u9632%u76D7%u94FE%0A%7D%0A%0A%u4F8B%uFF1Ahttp%3A//localhost%3A88/test1/test2/test.php%0A%24host%uFF1Alocalhost%0A%24server\_port%uFF1A88%0A%24request\_uri%uFF1Ahttp%3A//localhost%3A88/test1/test2/test.php%0A%24document\_uri%uFF1A/test1/test2/test.php%0A%24document\_root%uFF1AD%3A%5Cnginx/html%0A%24request\_filename%uFF1AD%3A%5Cnginx/html/test1/test2/test.php%0A%60%60%60%0A%u56DB%u3001Redirect%u8BED%u6CD5%0A%60%60%60%0Aserver%20%7B%0Alisten%2080%3B%0Aserver\_name%20start.igrow.cn%3B%0Aindex%20index.html%20index.php%3B%0Aroot%20html%3B%0Aif%20%28%24http\_host%20%21%7E%20%u201C%5Estar%5C.igrow%5C.cn%24%26quot%20%7B%0Arewrite%20%5E%28.\*%29%20http%3A//star.igrow.cn%241%20redirect%3B%0A%7D%0A%7D%0A%60%60%60%0A%u4E94%u3001%u9632%u76D7%u94FE%0A%60%60%60bash%0Alocation%20%7E\*%20%5C.%28gif%7Cjpg%7Cswf%29%24%20%7B%0Avalid\_referers%20none%20blocked%20start.igrow.cn%20sta.igrow.cn%3B%0Aif%20%28%24invalid\_referer%29%20%7B%0Arewrite%20%5E/%20http%3A//%24host/logo.png%3B%0A%7D%0A%7D%0A%60%60%60%0A%u516D%u3001%u6839%u636E%u6587%u4EF6%u7C7B%u578B%u8BBE%u7F6E%u8FC7%u671F%u65F6%u95F4%0A%60%60%60%0Alocation%20%7E\*%20%5C.%28js%7Ccss%7Cjpg%7Cjpeg%7Cgif%7Cpng%7Cswf%29%24%20%7B%0Aif%20%28-f%20%24request\_filename%29%20%7B%0Aexpires%201h%3B%0Abreak%3B%0A%7D%0A%7D%0A%60%60%60%0A%u4E03%u3001%u7981%u6B62%u8BBF%u95EE%u67D0%u4E2A%u76EE%u5F55%0A%60%60%60%0Alocation%20%7E\*%20%5C.%28txt%7Cdoc%29%24%7B%0Aroot%20/data/www/wwwroot/linuxtone/test%3B%0Adeny%20all%3B%0A%7D%0A%60%60%60%0A%u4E00%u4E9B%u53EF%u7528%u7684%u5168%u5C40%u53D8%u91CF%3A%0A%60%60%60%0A%24args%20%uFF1A%20%23%u8FD9%u4E2A%u53D8%u91CF%u7B49%u4E8E%u8BF7%u6C42%u884C%u4E2D%u7684%u53C2%u6570%uFF0C%u540C%24query\_string%0A%24content\_length%20%uFF1A%20%u8BF7%u6C42%u5934%u4E2D%u7684Content-length%u5B57%u6BB5%u3002%0A%24content\_type%20%uFF1A%20%u8BF7%u6C42%u5934%u4E2D%u7684Content-Type%u5B57%u6BB5%u3002%0A%24document\_root%20%uFF1A%20%u5F53%u524D%u8BF7%u6C42%u5728root%u6307%u4EE4%u4E2D%u6307%u5B9A%u7684%u503C%u3002%0A%24host%20%uFF1A%20%u8BF7%u6C42%u4E3B%u673A%u5934%u5B57%u6BB5%uFF0C%u5426%u5219%u4E3A%u670D%u52A1%u5668%u540D%u79F0%u3002%0A%24http\_user\_agent%20%uFF1A%20%u5BA2%u6237%u7AEFagent%u4FE1%u606F%0A%24http\_cookie%20%uFF1A%20%u5BA2%u6237%u7AEFcookie%u4FE1%u606F%0A%24limit\_rate%20%uFF1A%20%u8FD9%u4E2A%u53D8%u91CF%u53EF%u4EE5%u9650%u5236%u8FDE%u63A5%u901F%u7387%u3002%0A%24request\_method%20%uFF1A%20%u5BA2%u6237%u7AEF%u8BF7%u6C42%u7684%u52A8%u4F5C%uFF0C%u901A%u5E38%u4E3AGET%u6216POST%u3002%0A%24remote\_addr%20%uFF1A%20%u5BA2%u6237%u7AEF%u7684IP%u5730%u5740%u3002%0A%24remote\_port%20%uFF1A%20%u5BA2%u6237%u7AEF%u7684%u7AEF%u53E3%u3002%0A%24remote\_user%20%uFF1A%20%u5DF2%u7ECF%u7ECF%u8FC7Auth%20Basic%20Module%u9A8C%u8BC1%u7684%u7528%u6237%u540D%u3002%0A%24request\_filename%20%uFF1A%20%u5F53%u524D%u8BF7%u6C42%u7684%u6587%u4EF6%u8DEF%u5F84%uFF0C%u7531root%u6216alias%u6307%u4EE4%u4E0EURI%u8BF7%u6C42%u751F%u6210%u3002%0A%24scheme%20%uFF1A%20HTTP%u65B9%u6CD5%uFF08%u5982http%uFF0Chttps%uFF09%u3002%0A%24server\_protocol%20%uFF1A%20%u8BF7%u6C42%u4F7F%u7528%u7684%u534F%u8BAE%uFF0C%u901A%u5E38%u662FHTTP/1.0%u6216HTTP/1.1%u3002%0A%24server\_addr%20%uFF1A%20%u670D%u52A1%u5668%u5730%u5740%uFF0C%u5728%u5B8C%u6210%u4E00%u6B21%u7CFB%u7EDF%u8C03%u7528%u540E%u53EF%u4EE5%u786E%u5B9A%u8FD9%u4E2A%u503C%u3002%0A%24server\_name%20%uFF1A%20%u670D%u52A1%u5668%u540D%u79F0%u3002%0A%24server\_port%20%uFF1A%20%u8BF7%u6C42%u5230%u8FBE%u670D%u52A1%u5668%u7684%u7AEF%u53E3%u53F7%u3002%0A%24request\_uri%20%uFF1A%20%u5305%u542B%u8BF7%u6C42%u53C2%u6570%u7684%u539F%u59CBURI%uFF0C%u4E0D%u5305%u542B%u4E3B%u673A%u540D%uFF0C%u5982%uFF1A%u201D/foo/bar.php%3Farg%3Dbaz%u201D%u3002%0A%24uri%20%uFF1A%20%u4E0D%u5E26%u8BF7%u6C42%u53C2%u6570%u7684%u5F53%u524DURI%uFF0C%24uri%u4E0D%u5305%u542B%u4E3B%u673A%u540D%uFF0C%u5982%u201D/foo/bar.html%u201D%u3002%0A%24document\_uri%20%uFF1A%20%u4E0E%24uri%u76F8%u540C%u3002%0A%60%60%60%0A%0A%23%20nginx%20%u4F18%u5316%0A%0Aexpires%20%u5BA2%u6237%u7AEF%u7F13%u5B58%0A%0Agzip%20%u538B%u7F29%0A%0A%u8C03%u6574worker%u7EBF%u7A0B%u6570%uFF0C%u5E76%u53D1%u8FDE%u63A5%u6570%uFF0C%u6587%u4EF6%u63CF%u8FF0%u7B26%uFF0CCPU%u4EB2%u548C%u529B%0A%0A%u5355%u4E2Aworker%u7EBF%u7A0B%u5E76%u53D1%u8FDE%u63A5%u6570%0A%0A%u91C7%u7528epoll%u6A21%u578B%28%u5728events%u6807%u7B7E%u91CC%u9762%29%u4E8B%u4EF6%u5904%u7406%0A%0A%u9690%u85CFweb%u540D%u79F0%u548C%u7248%u672C%u53F7%0A%0A%u8C03%u6574%u8FDE%u63A5%u8D85%u65F6%uFF0C%u9AD8%u6548%u4F20%u8F93%u6A21%u5F0F%0A%0Aservername%20hash%u8868%u5927%u5C0F%0A%0Afacgi%20buffer%20cache%0A%0Aproxy%20cach%2C%20buffer%28nginx%20cache%29%0A%0A%u9632%u6B62%u6076%u610F%u57DF%u540D%u89E3%u6790%0A%0A%u7AD9%u70B9%u76EE%u5F55%u6743%u9650%u63A7%u5236%0A%0Atmpfs%20%u4F18%u5316%u4E34%u65F6%u7F13%u5B58%u76EE%u5F55%0A%0A%u901A%u8FC7MC%u505A%u4F1A%u8BDD%u4FDD%u6301%0A%0A%u63A7%u5236%u4E0A%u4F20%u6587%u4EF6%uFF0Cbody%u3001header%u5927%u5C0F%uFF0Ctimeout%0A%0A%u9650%u5236%u6307%u5B9A%u76EE%u5F55%u7981%u6B62%u8BF7%u6C42%28get%2C%20post%29%u65B9%u6CD5%0A%0A%u9650%u5236IP%u8BBF%u95EE%0A%0A%u65E5%u5FD7%u8F6E%u8BE2%uFF0C%u4E0D%u8BB0%u5F55%u67D0%u4E9B%u65E5%u5FD7%uFF0C%u4EE3%u7406%u4E0D%u8981%u5F00%u8BBF%u95EE%u65E5%u5FD7%0A%0A%u9519%u8BEF%u9875%u9762%u663E%u793A%0A%0A%u8D44%u6E90%u9632%u76D7%u94FE%20%3A%20%u4F7F%u7528http%20%u5934%u90E8refer%u6765%u9632%u76D7%u94FE%0A%0A%0A%u8BA9nginx%u670D%u52A1%u4F7F%u7528%u666E%u901A%u7528%u6237%uFF0C%0A%0A%u4F7F%u7528root%u7528%u6237master%20%u8FDB%u7A0B%u6709%u4E24%u4E2A%u6700%u5927%u95EE%u9898%uFF1A%0A1.%20%u7BA1%u7406%u6743%u9650%u5FC5%u987B%u662Froot%2C%u8FD9%u5C31%u662F%u4F7F%u5F97%u6700%u5C0F%u5316%u5206%u914D%u6743%u9650%u539F%u5219%u9047%u5230%u96BE%u9898%0A2.%20%u4F7F%u7528root%u8DD1nginx%u670D%u52A1%uFF0C%u4E00%u65E6%u7F51%u7AD9%u51FA%u73B0%u6F0F%u6D1E%uFF0C%u7528%u6237%20%u5C31%u53EF%u4EE5%u5F88%u5BB9%u6613%u5730%u83B7%u5F97%u670D%u52A1%u5668%u7684root%u6743%u9650%0A%0A%0Angx\_http\_limit\_conn\_module%0A%0Angx\_http\_limit\_req\_module%0ANginx%u914D%u7F6E%u6587%u4EF6%u4E3B%u8981%u5206%u6210%u56DB%u90E8%u5206%uFF1Amain%uFF08%u5168%u5C40%u8BBE%u7F6E%uFF09%u3001server%uFF08%u4E3B%u673A%u8BBE%u7F6E%uFF09%u3001upstream%uFF08%u4E0A%u6E38%u670D%u52A1%u5668%u8BBE%u7F6E%uFF0C%u4E3B%u8981%u4E3A%u53CD%u5411%u4EE3%u7406%u3001%u8D1F%u8F7D%u5747%u8861%u76F8%u5173%u914D%u7F6E%uFF09%u548C%20location%uFF08URL%u5339%u914D%u7279%u5B9A%u4F4D%u7F6E%u540E%u7684%u8BBE%u7F6E%uFF09%uFF0C%u6BCF%u90E8%u5206%u5305%u542B%u82E5%u5E72%u4E2A%u6307%u4EE4%u3002main%u90E8%u5206%u8BBE%u7F6E%u7684%u6307%u4EE4%u5C06%u5F71%u54CD%u5176%u5B83%u6240%u6709%u90E8%u5206%u7684%u8BBE%u7F6E%uFF1Bserver%u90E8%u5206%u7684%u6307%u4EE4%u4E3B%u8981%u7528%u4E8E%u6307%u5B9A%u865A%u62DF%u4E3B%u673A%u57DF%u540D%u3001IP%u548C%u7AEF%u53E3%uFF1Bupstream%u7684%u6307%u4EE4%u7528%u4E8E%u8BBE%u7F6E%u4E00%u7CFB%u5217%u7684%u540E%u7AEF%u670D%u52A1%u5668%uFF0C%u8BBE%u7F6E%u53CD%u5411%u4EE3%u7406%u53CA%u540E%u7AEF%u670D%u52A1%u5668%u7684%u8D1F%u8F7D%u5747%u8861%uFF1Blocation%u90E8%u5206%u7528%u4E8E%u5339%u914D%u7F51%u9875%u4F4D%u7F6E%uFF08%u6BD4%u5982%uFF0C%u6839%u76EE%u5F55%u201C/%u201D%2C%u201C/images%u201D%2C%u7B49%u7B49%uFF09%u3002%u4ED6%u4EEC%u4E4B%u95F4%u7684%u5173%u7CFB%u5F0F%uFF1Aserver%u7EE7%u627Fmain%uFF0Clocation%u7EE7%u627Fserver%uFF1Bupstream%u65E2%u4E0D%u4F1A%u7EE7%u627F%u6307%u4EE4%u4E5F%u4E0D%u4F1A%u88AB%u7EE7%u627F%u3002%u5B83%u6709%u81EA%u5DF1%u7684%u7279%u6B8A%u6307%u4EE4%uFF0C%u4E0D%u9700%u8981%u5728%u5176%u4ED6%u5730%u65B9%u7684%u5E94%u7528%u3002%0A%0Aproxy\_set\_header%20Host%20%20%24host%3B%0A%20%20%20%20%20%20%20%20proxy\_set\_header%20X-Forwarded-For%20%24remote\_addr%3B%0A%20%20%20%20%20%20%20%20proxy\_connect\_timeout%2060%3B%20%0A%20%20%20%20%20%20%20%20proxy\_send\_timeout%2060%3B%20%0A%20%20%20%20%20%20%20%20proxy\_read\_timeout%2060%3B%20%0A%20%20%20%20%20%20%20%20proxy\_buffer\_size%204k%3B%20%0A%20%20%20%20%20%20%20%20proxy\_buffers%204%2032k%3B%0A%20%20%20%20%20%20%20%20proxy\_busy\_buffers\_size%2064k%3B%20%0A%20%20%20%20%20%20%20%20proxy\_temp\_file\_write\_size%2064k%3B%0A%0A%0A%24args%uFF0C%u6B64%u53D8%u91CF%u4E0E%u8BF7%u6C42%u884C%u4E2D%u7684%u53C2%u6570%u76F8%u7B49%0A%24document\_root%uFF0C%20%u6B64%u53D8%u91CF%u7B49%u540C%u4E8E%u5F53%u524D%u8BF7%u6C42root%u547D%u4EE4%u6307%u5B9A%u7684%u503C%u3002%0A%24uri%uFF0C%u6B64%u53D8%u91CF%u7B49%u540C%u4E8E%u5F53%u524D%u53D8%u91CF%u7684request%u7684URI%u3002%0A%24document\_root%uFF0C%u6B64%u53D8%u91CF%u4E0E%24uri%u542B%u4E49%u4E00%u6837%0A%24host%uFF0C%u6B64%u53D8%u91CF%u4E0E%u8BF7%u6C42%u5934%u90E8%u7684%u4E2D%u201CHost%u201D%u884C%u6307%u5B9A%u7684%u503C%u4E00%u81F4%0A%24limit\_rate%uFF0C%u6B64%u53D8%u91CF%u7528%u6765%u8BBE%u7F6E%u9650%u5236%u8FDE%u63A5%u7684%u901F%u7387%0A%24remote\_addr%uFF0C%u6B64%u53D8%u91CF%u8868%u793A%u5BA2%u6237%u7AEFIP%u5730%u5740%0A%24remote\_port%uFF0C%u6B64%u53D8%u91CF%u8868%u793A%u5BA2%u6237%u7AEF%u7AEF%u53E3%0A%24remote\_user%uFF0C%u6B64%u53D8%u91CF%u7B49%u540C%u4E8E%u7528%u6237%u540D%uFF0C%u7531ngx\_http\_auth\_basic\_module%u8BA4%u8BC1%0A%24request\_method%uFF0C%u6B64%u53D8%u91CF%u7B49%u7528%u4E8Ereques%u7684method%uFF0C%u901A%u5E38%u662F%u201CGET%u201D%u6216%u201CPOST%u201D%0A%0A%u6B63%u5219%u8868%u8FBE%u5F0F%u5339%u914D%uFF1A%0A%09%7E%u8868%u793A%u533A%u5206%u5927%u5C0F%u5199%u5339%u914D%0A%09%7E\*%20%u4E0D%u533A%u5206%u5927%u5C0F%u5199%u5339%u914D%0A%09%21%7E%u548C%21%7E\*%u5206%u522B%u8868%u793A%u533A%u5206%u5927%u5C0F%u5199%u4E0D%u5339%u914D%u4EE5%u53CA%u4E0D%u533A%u5206%u5927%u5C0F%u5199%u4E0D%u5339%u914D%u3002%0A%u6587%u4EF6%u53CA%u76EE%u5F55%u5339%u914D%uFF1A%0A%09-f%u548C%21%7Ef%u7528%u6765%u5224%u65AD%u662F%u5426%u5B58%u5728%u6587%u4EF6%0A%09-d%u548C%21%7Ed%u7528%u6765%u5224%u65AD%u662F%u5426%u5B58%u5728%u76EE%u5F55%0A%09-e%u548C%21%7Ee%u7528%u6765%u5224%u65AD%u662F%u5426%u5B58%u5728%u6587%u4EF6%u6216%u76EE%u5F55%0A%09-x%u548C%21%7Ex%u7528%u6765%u5224%u65AD%u6587%u4EF6%u662F%u5426%u53EF%u6267%u884C%0A%23%23%20php%u4F18%u5316%0A%0A%u5F53%u5BA2%u6237%u7AEF%u8BF7%u6C42%u4E00%u4E2APHP%u7A0B%u5E8F%u65F6%uFF0C%u670D%u52A1%u5668%u7684PHP%u5F15%u64CE%u4F1A%u89E3%u6790%u8BE5PHP%u7A0B%u5E8F%uFF0C%u5E76%u5C06%u5176%u7F16%u8BD1%u4E3A%u7279%u5B9A%u7684%u64CD%u4F5C%u7801%28operate%20code%2C%20opcode%29%20%u8FD9%u662F%u8981%u6267%u884C%u7684PHP%u4EE3%u7801%u7684%u4E00%u79CD%u4E8C%u8FDB%u5236%u8868%u793A%u5F62%u5F0F%uFF0C%u9ED8%u8BA4%u60C5%u51B5%u4E0B%uFF0C%u8FD9%u4E2A%u7F16%u8BD1%u64CD%u4F5C%u7801%u6587%u4EF6%u7531PHP%u5F15%u64CE%u540E%u4E22%u5F03%uFF0C%u64CD%u4F5C%u7801%u7F13%u5B58%u7684%u539F%u7406%u5C31%u662F%u5C06%u8FD9%u4E2A%u7F16%u8BD1%u540E%u7684%u64CD%u4F5C%u7801%u4FDD%u5B58%u4E0B%u6765%uFF0C%u5E76%u653E%u5230%u5171%u4EAB%u5185%u5B58%u91CC%uFF0C%u4EE5%u4F7F%u5728%u4E0B%u4E00%u6B21%u8C03%u7814PHP%u9875%u9762%u65F6%u91CD%u7528%u5B83%uFF0C%u907F%u514D%u76F8%u540C%u4EE3%u7801%u7684%u91CD%u590D%u7F16%u8BD1%uFF0C%u8282%u7701%u4E86PHP%u5F15%u64CE%u91CD%u590D%u7F16%u8BD1%u7684%u65F6%u95F4%uFF0C%u964D%u4F4E%u4E86%u670D%u52A1%u5668%u8D1F%u8F7D%uFF0C%u540C%u65F6%u51CF%u5C11%u4E86CPU%u7684%u5185%u5B58%u5F00%u9500%u3002%0A%0A%0Aphp%20%u7F13%u5B58%u52A0%u901F%u5668%u8F6F%u4EF6%u5E38%u89C1%u7684%u5404%u7C7B%u6709%20%20xcache%2C%20eaccelerator%2C%20APC%28Alternative%20php%20cache%2C%20zendOpacache%29.%0A%0A%0A%u4E00%u81F4%u6027hash%20%u539F%u7406%uFF0C%u5B9E%u8DF5%0A%0Anginx%20%u72B6%u6001%u811A%u672C%u76D1%u63A7%uFF0C%u9875%u9762%u663E%u793A%uFF0C%0A%0A%u9884%u4E60php.ini%2C%20php-fpm.conf%u4F18%u5316%uFF0Cmysql%u4F18%u5316%0A%0Anginx%20cache%20ssl%20waf%0A%0A