## 安装Nginx服务

参考：

<http://www.cnblogs.com/jacktang/p/3669115.html>

<http://www.cnblogs.com/daizhj/archive/2009/11/03/1595292.html>

<http://nginx.org/en/docs/http/ngx_http_proxy_module.html#proxy_pass>

说明：一般我们都需要先装pcre, zlib，前者为了重写rewrite，后者为了gzip压缩。

## 安装PCRE库

cd /usr/local/

tar -zxvf pcre-7.8.tar.gz

cd pcre-7.8

./configure

make

make install

## 安装zlib库

cd /usr/local/

tar -zxvf zlib-1.2.8.tar.gz cd zlib-1.2.8

./configure

make;make install

## 安装ssl

cd /usr/local/

wget <http://www.openssl.org/source/openssl-1.0.1c.tar.gz>

tar -zxvf openssl-1.0.1c.tar.gz

./config

make;make install

## 安装nginx

下面是把 Nginx 安装到 /usr/local/nginx 目录下的详细步骤：

tar -zxvf nginx-1.8.1.tar.gz

cd nginx-1.8.1

./configure --prefix=/usr/local/nginx -user=root -group=root --with-http\_stub\_status\_module \  
--with-http\_ssl\_module --with-http\_realip\_module

make

make install

/usr/local/nginx/sbin/nginx

检查是否启动成功：

netstat -ano|grep 80 有结果输出说明启动成功

 打开浏览器访问此机器的 IP，如果浏览器出现 Welcome to nginx! 则表示 Nginx 已经安装并运行。

### 配置Nginx

|  |
| --- |
| #user nobody;  user root root;  worker\_processes 4;  error\_log /opt/data/nginx/logs/error.log;  #error\_log logs/error.log notice;  #error\_log logs/error.log info;  #pid logs/nginx.pid;  events {  worker\_connections 102400;  multi\_accept on;  use epoll;  }  http {  include mime.types;  default\_type application/octet-stream;  log\_format main '$remote\_addr - $remote\_user [$time\_local] "$request" '  '$status $body\_bytes\_sent "$http\_referer" '  '"$http\_user\_agent" "$http\_x\_forwarded\_for"'  ' $request\_time $upstream\_response\_time';  #access\_log logs/access.log main;  sendfile on;  proxy\_ignore\_client\_abort on;  tcp\_nopush on;  tcp\_nodelay on;  client\_header\_timeout 10;  client\_body\_timeout 10;  reset\_timedout\_connection on;  send\_timeout 30;  keepalive\_timeout 165;  #计费服务集群  upstream feeServerClusterList {  #ip\_hash;  server 172.20.3.14:8080;  server 172.20.3.15:8080;  server 172.20.3.16:8080;  }  server {  listen 8080;  server\_name localhost;  access\_log /opt/data/nginx/logs/fee.host.access.log main buffer=8192;  location / {  root html;  index index.html index.htm;  proxy\_set\_header Host $host;  proxy\_set\_header X-Real-IP $remote\_addr;  proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;  proxy\_connect\_timeout 30;  proxy\_send\_timeout 30;  proxy\_read\_timeout 30;  proxy\_buffer\_size 4k;  proxy\_buffers 32 4k;  proxy\_busy\_buffers\_size 64k;  proxy\_pass http://feeServerClusterList;  }  }  #以下为终端服务集群  #终端服务集群  upstream terminalServerClusterList {  #ip\_hash;  server 172.20.3.28:8080;  server 172.20.3.29:8080;  server 172.20.3.30:8080;  server 172.20.3.31:8080;  server 172.20.3.53:8080;  server 172.20.3.54:8080;  server 172.20.3.55:8080;  server 172.20.3.56:8080;  }  upstream appShopServerClusterList {  #ip\_hash;  server 172.20.3.28:8081;  server 172.20.3.29:8081;  server 172.20.3.30:8081;  server 172.20.3.31:8081;  server 172.20.3.53:8081;  server 172.20.3.54:8081;  server 172.20.3.55:8081;  server 172.20.3.56:8081;  }  limit\_req\_zone $server\_name zone=screenzone:10m rate=100r/s;  server {  listen 8082;  server\_name localhost;  access\_log /opt/data/nginx/logs/terminal.access.log main buffer=8192;  #access\_log logs/terminal.access.log main;  location /terminal/hdc/screen/getTask {  root html;  index index.html index.htm;  proxy\_set\_header Host $host;  proxy\_set\_header X-Real-IP $remote\_addr;  proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;  proxy\_connect\_timeout 30;  proxy\_send\_timeout 30;  proxy\_read\_timeout 30;  proxy\_buffer\_size 4k;  proxy\_buffers 32 4k;  proxy\_busy\_buffers\_size 64k;  limit\_req zone=screenzone burst=100;  proxy\_pass http://terminalServerClusterList/terminal/hdc/screen/getTask;  }  location /terminal {  root html;  index index.html index.htm;  proxy\_set\_header Host $host;  proxy\_set\_header X-Real-IP $remote\_addr;  proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;  proxy\_connect\_timeout 30;  proxy\_send\_timeout 30;  proxy\_read\_timeout 30;  proxy\_buffer\_size 4k;  proxy\_buffers 32 4k;  proxy\_busy\_buffers\_size 64k;  proxy\_pass http://terminalServerClusterList/terminal;  }  location /appshop {  root html;  index index.html index.htm;  proxy\_set\_header Host $host;  proxy\_set\_header X-Real-IP $remote\_addr;  proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;  proxy\_connect\_timeout 30;  proxy\_send\_timeout 30;  proxy\_read\_timeout 30;  proxy\_buffer\_size 4k;  proxy\_buffers 32 4k;  proxy\_busy\_buffers\_size 64k;  proxy\_pass http://appShopServerClusterList/appshop;  }  }  upstream tmsClusterList {  #ip\_hash;  server 172.20.3.22:8081;  server 172.20.3.23:8081;  server 172.20.3.24:8081;  server 172.20.3.25:8081;  server 172.20.3.26:8081;  server 172.20.3.27:8081;  }  server {  listen 8088;  server\_name localhost;  access\_log /opt/data/nginx/logs/tms.access.log main buffer=8192;  #access\_log logs/terminal.access.log main;  location / {  root html;  index index.html index.htm;  proxy\_set\_header Host $host;  proxy\_set\_header X-Real-IP $remote\_addr;  proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;  proxy\_connect\_timeout 30;  proxy\_send\_timeout 30;  proxy\_read\_timeout 30;  proxy\_buffer\_size 4k;  proxy\_buffers 32 4k;  proxy\_busy\_buffers\_size 64k;  proxy\_pass http://tmsClusterList;  }  }  } |

### 重启

/usr/local/nginx/sbin/nginx –s reload

### 示例配置文件

