memcached服务

环境 rhel6.7 关闭防火墙 SELinux

[root@localhost ~]# ls

anaconda-ks.cfg libevent-2.0.21-stable.tar.gz

install.log memcached-1.4.24.tar.gz

install.log.syslog

[root@localhost ~]# yum -y install gcc

[root@localhost ~]# tar -xf libevent-2.0.21-stable.tar.gz

[root@localhost ~]# cd libevent-2.0.21-stable

[root@localhost ~]#./configure

[root@localhost ~]#make && make install

[root@localhost libevent-2.0.21-stable]# echo "/usr/local/lib" > /etc/ld.so.conf.d/libevent.conf

[root@localhost libevent-2.0.21-stable]# ldconfig

[root@localhost libevent-2.0.21-stable]# ldconfig -v | grep libevent

libevent-2.0.so.5 -> libevent.so

libevent\_core-2.0.so.5 -> libevent\_core.so

libevent\_pthreads-2.0.so.5 -> libevent\_pthreads.so

libevent\_extra-2.0.so.5 -> libevent\_extra.so

[root@localhost libevent-2.0.21-stable]# cd ~

[root@localhost ~]# tar -xf memcached-1.4.24.tar.gz

[root@localhost ~]# cd memcached-1.4.24

[root@localhost memcached-1.4.24]# ./configure

**[root@localhost memcached-1.4.24]# make && make install**

[root@localhost memcached-1.4.24]# ls /usr/local/bin/memcached

/usr/local/bin/memcached

[root@localhost memcached-1.4.24]# /usr/local/bin/memcached -p 11211 -u root -m 100 -c 200 -vvv -n 10 -f 2 -d

[root@localhost memcached-1.4.24]# slab class 1: chunk size 64 perslab 16384

slab class 2: chunk size 128 perslab 8192

slab class 3: chunk size 256 perslab 4096

slab class 4: chunk size 512 perslab 2048

slab class 5: chunk size 1024 perslab 1024

slab class 6: chunk size 2048 perslab 512

slab class 7: chunk size 4096 perslab 256

slab class 8: chunk size 8192 perslab 128

slab class 9: chunk size 16384 perslab 64

slab class 10: chunk size 32768 perslab 32

slab class 11: chunk size 65536 perslab 16

slab class 12: chunk size 131072 perslab 8

slab class 13: chunk size 262144 perslab 4

slab class 14: chunk size 524288 perslab 2

slab class 15: chunk size 1048576 perslab 1

<26 server listening (auto-negotiate)

<27 server listening (auto-negotiate)

<28 send buffer was 124928, now 268435456

<30 server listening (udp)

<31 server listening (udp)

<32 send buffer was 124928, now 268435456

<35 server listening (udp)

<34 server listening (udp)

<29 server listening (udp)

<33 server listening (udp)

<28 server listening (udp)

<32 server listening (udp)

[root@localhost memcached-1.4.24]# netstat -anptu | grep :11211

tcp 0 0 0.0.0.0:11211 0.0.0.0:\* LISTEN 8938/memcached

tcp 0 0 :::11211 :::\* LISTEN 8938/memcached

udp 0 0 0.0.0.0:11211 0.0.0.0:\* 8938/memcached

udp 0 0 :::11211 :::\* 8938/memcached

#启动服务参数详解

"A" 是否运行客户端使用shutdown命令。默认是不允许的。该选项将允许。客户端的shutdown命令会将memcached进程杀死。该选项会将settings.shutdown\_command赋值为false

"a:" unix socket的权限位信息(访问掩码)。该选项的参数赋值给settings.access

"U:" 大写U。memcached监听的UDP端口值，默认端口为11211。该选项的参数赋值给settings.udpport

"p:" 小写p，memcached监听的tcp端口。默认端口为11211, 该选项的参数赋值给settings.port

"s:" 小写S。unix socket监听的socket路径。该选项的参数赋值给settings.socketpath

"m:" 小写m。memcached能够使用的最大内存值，默认是64MB。参数单位为MB。该参数赋值给settings.maxbytes

"M" 大写M。默认情况下，当memcached的内存使用完后，将进行LRU机制淘汰item以腾出空间。如果使用本选项那么将关闭LRU功能。当然关闭LRU不代表不能存储新数据。如果memcached里面存有过期失效的item，那么就可以存储新数据。否则将无法存储。该选项将settings.evict\_to\_free赋值为0。

"c:" 小写c。最多允许多少个客户端同时在线(这个值不等价于listen函数的第二个参数)，该选项和后面的b选项有所不同。 默认值为1024个。该选项参数赋值给settings.maxconns。

"h" 显示帮助信息

"i" 显示memcached和libevent的版权信息

"k" 小写k。将memcached使用到的内存锁定在内存中，不准OS把memcached的内存移动到虚拟内存。因为当OS把memcached的内存移动到虚拟内存可能会导致页错误，降低memcached的响应时间

"v" 小写v。输出memcached运行时的一些信息。-v -vv -vvv输出的信息依次增加。该选项会增加settings.verbose的值

"l:" 小写L。memcached绑定的ip地址。如果不设置这个选项，那么memcached将使用INADDR\_ANY。如果想指定多个IP地址，那么该选项的参数可以由多个ip组成，ip之间用逗号分隔。也可以多次使用这个选项，此时端口应该尾随ip而不是单独用-p选项指定。例如-l 127.0.0.1:8888,192.168.1.112:9999 或者 -l 127.0.0.1:8888 -l 192.168.1.112:9999该选项参数将赋值给settings.inter

"d" 以守护进程的形式运行memcached

"r" 将core文件大小设置为不受限制

"R:" worker线程连续为某个客户端执行命令的最大命令数。该选项的参数赋值给settings.reqs\_per\_event

"u:" 小写u。当以root用户启动memcached的时候需要指定memcached的所属用户，其他用户启动memcached不需要此选项

"P:" 大写p。该选项的参数指明memcached的pid保存文件。要和-d选项配合使用。注意运行的用户是否有权限写对应的文件

"f:" item的扩容因子。默认值为1.25。该选项的参数值可以是小数但必须大于1.0。该选项参数将赋值给settings.factor

"n:" 设置最小的item能存储多少字节的数据。该选项参数赋值给settings.chunk\_size

"t:" 该选项的参数用于指定worker线程的个数，不建议超过64个。如果不设置该选项默认有4个线程。该参数会赋值给settings.num\_threads

"D:" 参数字符作为前缀和ID的分隔符。使用了该选项才会自动收集状态信息。也可以在启动memcached后，客户端使用stats detail on命令开启，此时默认的分隔符为冒号":"。该选项参数会赋值为settings.prefix\_delimiter，并将settings.detail\_enabled赋值为1

"L" 如果OS允许的话，那么向OS申请更大的内存页。OS的默认内存页为4KB。大的内存页可以有效降低页表的大小，提高效率。此选项会使得memcached预先先OS全部所需的申请内存。当然这些内存尽量是用大内存页分配的

"C:" 大写C。memcached默认是使用CAS的，本选项是禁用CAS。本选项会将settings.use\_cas赋值为false

"b:" listen函数的第二个参数。该选项的参数赋值给settings.backlog。如果不设置该选项，那么默认为1024。该选项和前面的c选项有所不同

"B:" memcached支持文本协议和二进制协议。该选项的参数用于指定使用的协议。默认情况下是根据客户端的命令而自动判断(也叫协商)，参数只能取auto、binary、ascii这三个字符串值。将参数将赋值给settings.binding\_protocol

"I:" 大写i。slab分配器中，每一个页的大小。这个选项的参数是一个数值表示页的大小。默认单位是B也可以在数值后面带K或者M(大小写都行)，表示KB和MB。页的大小小于1KB或者大于128MB都是不允许的。不推荐使用该选项。本选项参数会赋值给settings.item\_size\_max

"S" 大写S。打开sasl安全协议。会将settings.sasl赋值为true

"F" 禁止客户端的flush\_all命令。默认是允许客户端的flush\_all命令的。该选项将settings.flush\_enabled赋值为false

"o:" 小写o。有下面几个子选项可以设置。这个选项是用来优化的

maxconns\_fast: 如果连接数超过了最大同时在线数(由-c选项指定)，立即关闭新连接上的客户端。该选项将settings.maxconns\_fast赋值为true

hashpower: 哈希表的长度是2^n。可以通过选项hashpower设置指数n的初始值。如果不设置将取默认值16。该选项必须有参数，参数取值范围只能为[12, 64]。本选项参数值赋值给settings.hashpower\_init

slab\_reassign: 该选项没有参数。用于调节不同类型的item所占的内存。不同类型是指大小不同。某一类item已经很少使用了，但仍占用着内存。可以通过开启slab\_reassign调度内存，减少这一类item的内存。如果使用了本选项，settings.slab\_reassign赋值为true

slab\_automove: 依赖于slab\_reassign。用于主动检测是否需要进行内存调度。该选项的参数是可选的。参数的取值范围只能为0、1、2。参数2是不建议的。本选项参数赋值给settings.slab\_automove。如果本选项没有参数，那么settings.slab\_automove赋值为1

hash\_algorithm: 用于指定哈希算法。该选项必须带有参数。并且参数只能是字符串jenkins或者murmur3

tail\_repair\_time: 用于检测是否有item被已死线程所引用。一般不会出现这种情况，所以默认不开启这种检测。如果需要开启这种检测，那么需要使用本选项。本选项需要一个参数，参数值必须不小于10。该参数赋值给settings.tail\_repair\_time

lru\_crawler: 本选项用于启动LRU爬虫线程。该选项不需要参数。本选项会导致settings.lru\_crawler赋值为true

lru\_crawler\_sleep: LRU爬虫线程工作时的休眠间隔。本选项需要一个参数作为休眠时间，单位为微秒，取值范围是[0, 1000000]。该参数赋值给settings.lru\_crawler\_sleep

lru\_crawler\_tocrawl: LRU爬虫检查每条LRU队列中的多少个item。该选项带有一个参数。参数会赋值给settings.lru\_crawler\_tocrawl

[root@localhost ~]# yum -y install telnet

[root@localhost ~]# telnet 192.168.4.180 11211

Trying 192.168.4.180...

<36 new auto-negotiating client connection

Connected to 192.168.4.180.

Escape character is '^]'.

set name 0 180 3

36: going from conn\_new\_cmd to conn\_waiting

36: going from conn\_waiting to conn\_read

36: going from conn\_read to conn\_parse\_cmd

36: Client using the ascii protocol

<36 set name 0 180 3

36: going from conn\_parse\_cmd to conn\_nread

ljy

> NOT FOUND name

>36 STORED

36: going from conn\_nread to conn\_write

36: going from conn\_write to conn\_new\_cmd

36: going from conn\_new\_cmd to conn\_waiting

36: going from conn\_waiting to conn\_read

STORED

get name

36: going from conn\_read to conn\_parse\_cmd

<36 get name

> FOUND KEY name

>36 sending key name

>36 END

36: going from conn\_parse\_cmd to conn\_mwrite

36: going from conn\_mwrite to conn\_new\_cmd

36: going from conn\_new\_cmd to conn\_waiting

36: going from conn\_waiting to conn\_read

VALUE name 0 3

ljy

END

#部署lnmp+memcached

[root@localhost ~]# ls

anaconda-ks.cfg libevent-2.0.21-stable.tar.gz

install.log memcached-1.4.24

install.log.syslog memcached-1.4.24.tar.gz

libevent-2.0.21-stable nginx-1.8.0.tar.gz

[root@localhost ~]# yum -y install gcc gcc-c++ openssl-devel pcre-devel zlib-devel ncurses-devel

[root@localhost nginx-1.8.0]# ./configure --prefix=/usr/local/nginx --user=www --group=www --with-http\_ssl\_module --with-http\_stub\_status\_module --with-http\_gzip\_static\_module

[root@localhost nginx-1.8.0]# make && make install

[root@localhost nginx-1.8.0]# ls /usr/local/nginx/

conf html logs sbin

[root@localhost nginx-1.8.0]# cd

[root@localhost ~]# tar -xf cmake-2.8.10.2.tar.gz

[root@localhost ~]# cd cmake-2.8.10.2

[root@localhost cmake-2.8.10.2]# ./bootstrap --prefix=/usr/local/cmake

[root@localhost cmake-2.8.10.2]# cd

[root@localhost ~]# useradd -s /sbin/nologin mysql

[root@localhost ~]# tar -xf mysql-5.6.25.tar.gz

[root@localhost ~]# cd mysql-5.6.25

[root@localhostmysql-5.6.25]#/usr/local/cmake/bin/cmake -DCMAKE\_INSTALL\_PREFIX=/usr/local/mysql -DSYSCONFDIR=/etc -DMYSQL\_DATADIR=/usr/local/mysql/data -DMYSQL\_TCP\_PORT=3306 -DMYSQL\_UNIX\_ADDR=/tmp/mysqld.sock -DMYSQL\_USER=mysql -DEXTRA\_CHARSETS=all

[root@localhostmysql-5.6.25]#make && make install

[root@localhost mysql-5.6.25]# ls /usr/local/mysql/

bin data include lib mysql-test scripts sql-bench

COPYING docs INSTALL-BINARY man README share support-files

[root@localhost mysql-5.6.25]# ll -d /usr/local/mysql/

drwxr-xr-x 13 root root 4096 12月 7 17:10 /usr/local/mysql/

[root@localhost mysql-5.6.25]# chown -R mysql.mysql /usr/local/mysql/

[root@localhost mysql-5.6.25]# cd /usr/local/mysql/

[root@localhost mysql]# ./scripts/mysql\_install\_db --user=mysql --datadir=/usr/local/mysql/data

[root@localhost mysql]# ls data/

ibdata1 ib\_logfile0 ib\_logfile1 mysql performance\_schema test

[root@localhost ~]# tar -xf mhash-0.9.9.9.tar.gz

[root@localhost ~]# cd mhash-0.9.9.9

[root@localhost mhash-0.9.9.9]# ./configure

[root@localhost mhash-0.9.9.9]# make && make install

[root@localhost ~]# tar -xf libmcrypt-2.5.8.tar.gz

[root@localhost ~]# cd libmcrypt-2.5.8

[root@localhost libmcrypt-2.5.8]# ./configure

[root@localhost libmcrypt-2.5.8]# make && make install

[root@localhost libmcrypt-2.5.8]# ldconfig -v

[root@localhost libmcrypt-2.5.8]# cd libltdl/

[root@localhost libltdl]# ./configure --enable-ltdl-install

[root@localhost libltdl]# make && make install

[root@localhost libltdl]# ln -s /usr/local/lib/libmcrypt\* /usr/lib/

[root@localhost libltdl]# ln -s /usr/local/lib/libmhash.\* /usr/lib/

[root@localhost ~]# tar -xf php-5.4.24.tar.gz

[root@localhost ~]# cd php-5.4.24

[root@localhost php-5.4.24]# ./configure \

> --prefix=/usr/local/php5 \

> --with-config-file-path=/usr/local/php5/etc \

> --with-mysql=/usr/local/mysql \

> --with-mysqli=/usr/local/mysql/bin/mysql\_config \

> --enable-fpm --enable-mbstring

[root@localhost php-5.4.24]# make && make install

[root@localhost php-5.4.24]# cp php.ini-production /usr/local/php5/etc/php.ini

[root@localhost ~]# tar -xf memcache-2.2.5.tgz

[root@localhost ~]# yum -y install autoconf

[root@localhost ~]# cd memcache-2.2.5

[root@localhost memcache-2.2.5]# /usr/local/php5/bin/phpize

Configuring for:

PHP Api Version: 20100412

Zend Module Api No: 20100525

Zend Extension Api No: 220100525

[root@localhost memcache-2.2.5]# ls

acinclude.m4 configure.in memcache.php

aclocal.m4 config.w32 memcache\_queue.c

autom4te.cache CREDITS memcache\_queue.h

build example.php memcache\_session.c

config9.m4 install-sh memcache\_standard\_hash.c

config.guess ltmain.sh missing

config.h.in Makefile.global mkinstalldirs

config.m4 memcache.c php\_memcache.h

config.sub memcache\_consistent\_hash.c README

configure memcache.dsp run-tests.php

[root@localhost memcache-2.2.5]# ./configure --with-php-config=/usr/local/php5/bin/php-config --enable-memcache

[root@localhost memcache-2.2.5]#make && make install

[root@localhost memcache-2.2.5]# ls /usr/local/php5/lib/php/extensions/no-debug-non-zts-20100525/memcache.so

/usr/local/php5/lib/php/extensions/no-debug-non-zts-20100525/memcache.so

[root@localhost ~]# cat /usr/local/php5/etc/php.ini | grep -v "^;" | grep -v ^$

[PHP]

engine = On

short\_open\_tag = Off

asp\_tags = Off

precision = 14

output\_buffering = 4096

zlib.output\_compression = Off

implicit\_flush = Off

unserialize\_callback\_func =

serialize\_precision = 17

disable\_functions =

disable\_classes =

zend.enable\_gc = On

expose\_php = On

max\_execution\_time = 30

max\_input\_time = 60

memory\_limit = 128M

error\_reporting = E\_ALL & ~E\_DEPRECATED & ~E\_STRICT

display\_errors = Off

display\_startup\_errors = Off

log\_errors = On

log\_errors\_max\_len = 1024

ignore\_repeated\_errors = Off

ignore\_repeated\_source = Off

report\_memleaks = On

track\_errors = Off

html\_errors = On

variables\_order = "GPCS"

request\_order = "GP"

register\_argc\_argv = Off

auto\_globals\_jit = On

post\_max\_size = 8M

auto\_prepend\_file =

auto\_append\_file =

default\_mimetype = "text/html"

doc\_root =

user\_dir =

extension\_dir = "/usr/local/php5/lib/php/extensions/no-debug-non-zts-20100525/"

enable\_dl = Off

file\_uploads = On

upload\_max\_filesize = 2M

max\_file\_uploads = 20

allow\_url\_fopen = On

allow\_url\_include = Off

default\_socket\_timeout = 60

extension=memcache.so

[CLI Server]

cli\_server.color = On

[Date]

[filter]

[iconv]

[intl]

[sqlite]

[sqlite3]

[Pcre]

[Pdo]

[Pdo\_mysql]

pdo\_mysql.cache\_size = 2000

pdo\_mysql.default\_socket=

[Phar]

[mail function]

SMTP = localhost

smtp\_port = 25

mail.add\_x\_header = On

[SQL]

sql.safe\_mode = Off

[ODBC]

odbc.allow\_persistent = On

odbc.check\_persistent = On

odbc.max\_persistent = -1

odbc.max\_links = -1

odbc.defaultlrl = 4096

odbc.defaultbinmode = 1

[Interbase]

ibase.allow\_persistent = 1

ibase.max\_persistent = -1

ibase.max\_links = -1

ibase.timestampformat = "%Y-%m-%d %H:%M:%S"

ibase.dateformat = "%Y-%m-%d"

ibase.timeformat = "%H:%M:%S"

[MySQL]

mysql.allow\_local\_infile = On

mysql.allow\_persistent = On

mysql.cache\_size = 2000

mysql.max\_persistent = -1

mysql.max\_links = -1

mysql.default\_port =

mysql.default\_socket =

mysql.default\_host =

mysql.default\_user =

mysql.default\_password =

mysql.connect\_timeout = 60

mysql.trace\_mode = Off

[MySQLi]

mysqli.max\_persistent = -1

mysqli.allow\_persistent = On

mysqli.max\_links = -1

mysqli.cache\_size = 2000

mysqli.default\_port = 3306

mysqli.default\_socket =

mysqli.default\_host =

mysqli.default\_user =

mysqli.default\_pw =

mysqli.reconnect = Off

[mysqlnd]

mysqlnd.collect\_statistics = On

mysqlnd.collect\_memory\_statistics = Off

[OCI8]

[PostgreSQL]

pgsql.allow\_persistent = On

pgsql.auto\_reset\_persistent = Off

pgsql.max\_persistent = -1

pgsql.max\_links = -1

pgsql.ignore\_notice = 0

pgsql.log\_notice = 0

[Sybase-CT]

sybct.allow\_persistent = On

sybct.max\_persistent = -1

sybct.max\_links = -1

sybct.min\_server\_severity = 10

sybct.min\_client\_severity = 10

[bcmath]

bcmath.scale = 0

[browscap]

[Session]

session.save\_handler = files

session.use\_cookies = 1

session.use\_only\_cookies = 1

session.name = PHPSESSID

session.auto\_start = 0

session.cookie\_lifetime = 0

session.cookie\_path = /

session.cookie\_domain =

session.cookie\_httponly =

session.serialize\_handler = php

session.gc\_probability = 1

session.gc\_divisor = 1000

session.gc\_maxlifetime = 1440

session.bug\_compat\_42 = Off

session.bug\_compat\_warn = Off

session.referer\_check =

session.cache\_limiter = nocache

session.cache\_expire = 180

session.use\_trans\_sid = 0

session.hash\_function = 0

session.hash\_bits\_per\_character = 5

url\_rewriter.tags = "a=href,area=href,frame=src,input=src,form=fakeentry"

[MSSQL]

mssql.allow\_persistent = On

mssql.max\_persistent = -1

mssql.max\_links = -1

mssql.min\_error\_severity = 10

mssql.min\_message\_severity = 10

mssql.compatability\_mode = Off

mssql.secure\_connection = Off

[Assertion]

[COM]

[mbstring]

[gd]

[exif]

[Tidy]

tidy.clean\_output = Off

[soap]

soap.wsdl\_cache\_enabled=1

soap.wsdl\_cache\_dir="/tmp"

soap.wsdl\_cache\_ttl=86400

soap.wsdl\_cache\_limit = 5

[sysvshm]

[ldap]

ldap.max\_links = -1

[mcrypt]

[dba]

[curl]

[root@localhost ~]# cd /usr/local/php5/etc/

[root@localhost etc]# cp php-fpm.conf.default php-fpm.conf

[root@localhost etc]# vim php-fpm.conf

[root@localhost etc]# vim php-fpm.conf

[root@localhost etc]# cat php-fpm.conf | grep -v "^;" | grep -v ^$

[global]

pid = run/php-fpm.pid

error\_log = log/php-fpm.log

log\_level = error

daemonize = yes

[www]

user = nobody

group = nobody

listen = 127.0.0.1:9000

pm = dynamic

pm.max\_children = 5

pm.start\_servers = 2

pm.min\_spare\_servers = 1

pm.max\_spare\_servers = 3

[www]

user = www

group = www

listen = 127.0.0.1:9000

pm = dynamic

pm.max\_children = 32

pm.start\_servers = 15

pm.min\_spare\_servers = 5

pm.max\_spare\_servers = 32

[root@localhost php-5.4.24]# cd /root/php-5.4.24

php-5.4.24/ php-5.4.24.tar.gz

[root@localhost php-5.4.24]# cd /root/php-5.4.24/sapi/fpm/

[root@localhost fpm]# cp init.d.php-fpm /etc/init.d/php-fpm

[root@localhost fpm]# chmod +x /etc/init.d/php-fpm

[root@localhost php5]# service php-fpm start

Starting php-fpm done

[root@localhost php5]# netstat -anptu | grep :9000

tcp 0 0 127.0.0.1:9000 0.0.0.0:\* LISTEN 1943/php-fpm

[root@localhost ~]# cat /usr/local/nginx/conf/nginx.conf | grep -v "#" | grep -v ^$

worker\_processes 1;

events {

worker\_connections 1024;

}

http {

include mime.types;

default\_type application/octet-stream;

sendfile on;

keepalive\_timeout 65;

server {

listen 80;

server\_name localhost;

location / {

root html;

index index.html index.htm;

}

error\_page 500 502 503 504 /50x.html;

location = /50x.html {

root html;

}

location ~ \.php$ {

root html;

fastcgi\_pass 127.0.0.1:9000;

fastcgi\_index index.php;

fastcgi\_param SCRIPT\_FILENAME /scripts$fastcgi\_script\_name;

include fastcgi.conf;

}

}

}

[root@localhost nginx]# netstat -anptu | grep :80

tcp 0 0 0.0.0.0:80 0.0.0.0:\* LISTEN 1992/nginx

[root@localhost nginx]# echo "/usr/local/mysql/lib/" >> /etc/ld.so.conf

[root@localhost nginx]# ldconfig

[root@localhost nginx]# tail -2 /etc/profile

PATH=$PATH:$HOME/bin:/usr/local/mysql/bin

export PATH

[root@localhost ~]# cp /usr/local/mysql/my.cnf /etc/my.cnf

cp：是否覆盖"/etc/my.cnf"？ y

[root@localhost ~]# cp /usr/local/mysql/support-files/mysql.server /etc/init.d/mysqld

[root@localhost ~]# chmod +x /etc/init.d/mysqld

[root@localhost ~]# service mysqld status

ERROR! MySQL is not running

[root@localhost ~]# service mysqld start

Starting MySQL..... SUCCESS!

[root@localhost ~]# netstat -anptu | grep :3306

tcp 0 0 :::3306 :::\* LISTEN 2147/mysqld

[root@localhost ~]# curl http://192.168.4.180/mem.php

<36 new auto-negotiating client connection

36: going from conn\_new\_cmd to conn\_waiting

36: going from conn\_waiting to conn\_read

36: going from conn\_read to conn\_parse\_cmd

36: Client using the ascii protocol

<36 set key 0 0 4

36: going from conn\_parse\_cmd to conn\_nread

> FOUND KEY key

>36 STORED

36: going from conn\_nread to conn\_write

36: going from conn\_write to conn\_new\_cmd

36: going from conn\_new\_cmd to conn\_waiting

36: going from conn\_waiting to conn\_read

36: going from conn\_read to conn\_parse\_cmd

<36 get key

> FOUND KEY key

>36 sending key key

>36 END

36: going from conn\_parse\_cmd to conn\_mwrite

36: going from conn\_mwrite to conn\_new\_cmd

36: going from conn\_new\_cmd to conn\_waiting

36: going from conn\_waiting to conn\_read

36: going from conn\_read to conn\_closing

<36 connection closed.

36: going from conn\_closing to conn\_closed

test[root@localhost ~]#

##得到test

rhel7.3构建memcached

[root@localhost ~]# yum -y install memcached.x86\_64

[root@localhost ~]# systemctl start memcached.service

[root@localhost ~]# systemctl enable memcached.service

Created symlink from /etc/systemd/system/multi-user.target.wants/memcached.service to /usr/lib/systemd/system/memcached.service.

[root@localhost ~]# netstat -anptu | grep memcached

tcp 0 0 0.0.0.0:11211 0.0.0.0:\* LISTEN 7322/memcached

tcp6 0 0 :::11211 :::\* LISTEN 7322/memcached

udp 0 0 0.0.0.0:11211 0.0.0.0:\* 7322/memcached

udp6 0 0 :::11211 :::\* 7322/memcached

[root@localhost ~]#yum -y install telnet

[root@localhost ~]# telnet 192.168.4.160 11211

Trying 192.168.4.160...

Connected to 192.168.4.160.

Escape character is '^]'.

set name 0 180 3

ljy

STORED

get name

VALUE name 0 3

ljy

END

##构建lnmp+memcached

[root@localhost ~]# yum -y install gcc openssl-devel pcre-devel zlib-devel ncurses-devel

[root@localhost ~]# useradd nginx

[root@localhost nginx-1.8.0]# ./configure --prefix=/usr/local/nginx --user=nginx --group=nginx --with-http\_ssl\_module

[root@localhost nginx-1.8.0]# make && make install

[root@localhost nginx-1.8.0]# ls /usr/local/nginx/

conf html logs sbin

[root@localhost ~]# yum -y install mariadb-server mariadb mariadb-devel php php-mysql

[root@localhost ~]# rpm -ivh --force --nodeps php-fpm-5.4.16-36.el7\_1.x86\_64.rpm

[root@localhost ~]# yum -y install php-pecl-memcache.x86\_64

[root@localhost ~]# vim /usr/local/nginx/conf/nginx.conf

location ~ \.php$ {

root html;

fastcgi\_pass 127.0.0.1:9000;

fastcgi\_index index.php;

fastcgi\_param SCRIPT\_FILENAME /scripts$fastcgi\_script\_name;

include fastcgi.conf;

}

[root@localhost ~]# /usr/local/nginx/sbin/nginx -s reload

[root@localhost ~]# systemctl start mariadb.service

[root@localhost ~]# systemctl start php-fpm.service

test[root@localhost ~]# cat /usr/local/nginx/html/mem.php

<?php

$memcache=new Memcache;

$memcache->connect('localhost', 11211) or die ('could not connect');

$memcache->set('key', 'test');

$get\_values=$memcache->get('key');

echo $get\_values;

?>

[root@localhost ~]# curl http://192.168.4.160/mem.php

test[root@localhost ~]#

##测试成功