主机信息：CentOS release 6.5 (Final)

版本信息：fastdfs-5.0.5

软件包：fastdfs-5.05.tar.gz

fastdfs-nginx-module\_v1.16.tar.gz

pcre-8.36.tar.gz

zlib-1.2.8.tar.gz（这两个检查一下有无安装）

nginx-1.8.0.tar.gz

libfastcommon.zip

libevent-2.0.21-stable.tar.gz

示例环境： 172.16.51.222  Tracker1：22122 Storage：23000    group1  
 172.16.51.223 Tracker2: 22122  Storage：23000    group2  
 172.16.51.224  Storage：23000   group1  
 172.16.51.227 Storage： 23000  group2

1. 配置安装环境

首先卸载自带的libevent

#rpm –e --nodeps libevent-1.4.13-4.el6.x86\_64

安装编译环境

yum -y install gcc gcc+ gcc-c++ openssl openssl-devel pcre-devel zlib-devel

解压

#tar zxvf libevent-2.0.21-stable.tar.gz

# cd libevent-2.0.21-stable

#./configure --prefix=/usr/local/libevent

# make && make install

#echo '/usr/local/libevent/lib/' >> /etc/ld.so.conf #加入动态链接库

#echo '/usr/local/libevent/linclude/' >> /etc/ld.so.conf #加入动态链接库

#ldconfig

安装Libfastcommon

#unzip master.zip

#cd libfastcommon-master/

#./make.sh && ./make.sh install

1. 安装Fastdfs

#tar zxvf fastdfs-5.05.tar.gz

# cd fastdfs-5.05

#./make.sh

#./make.sh install

#cd /etc/fdfs/

#cp storage.conf.sample storage.conf

#cp tracker.conf.sample tracker.conf

#cp client.conf.sample client.conf

1. 配置fastdfs

mkdir -p /data/fsdf/{fsdf-sto,fsdf-tra}

然后在有Tracker的服务器上修改/etc/fdfs/tracker.conf

#vi /etc/fdfs/tracker.conf

bind\_addr=172.16.51.222 ##绑定ip

base\_path= /data/fsdf/fsdf-tra ##指定数据目录

reserved\_storage\_space = 10% ##保留存储空间，小于这个值就不能上传

在Storage服务器上修改/etc/fdfs/storage.conf

#vi /etc/fdfs/storage.conf

disabled=false

group\_name=group1 ##组名，根据所在服务器分配相应的组

bind\_addr=172.16.51.222 ##绑定的IP，127.0.0.1不可以

base\_path= /data/fsdf/fsdf-sto ##数据库目录

store\_path0= /data/fsdf/fsdf-sto ##存储目录

tracker\_server=172.16.51.222:22122 ##Tracker服务IP:PORT 多个Tracker服务器，每行一个

tracker\_server=172.16.51.223:22122 ##如上

修改ls /etc/fdfs/client.conf

base\_path= /data/fsdf/fsdf-sto ##数据库目录

tracker\_server=172.16.51.222:22122 ##Tracker服务IP:PORT 多个Tracker服务器，每行一个

tracker\_server=172.16.51.223:22122 ##如上

Note：可以直接把已经安装了FastDfs的服务器上的配置文件复制过去然后修改

然后分别启动Tracker，Storage服务 ##必须先启动Tracker不然会报错

#fdfs\_trackerd /etc/fdfs/tracker.conf

#fdfs\_storaged /etc/fdfs/storage.conf

###常用命令

查看Tracker服务器服务相关信息

#fdfs\_monitor /etc/fdfs/client.conf -h 172.16.51.222 list ##172.16.51.222 Tracker的IP

测试上传文件

#fdfs\_test /etc/fdfs/client.conf upload /root/install.log

会提示“example file url: http://172.16.51.222/group1/M00/00/00/rBAz3lVS9gGAKpXpAADDWkRy8JA578\_big.log”

根据回显的信息下载文件

#fdfs\_download\_file /etc/fdfs/client.conf group1/M00/00/00/rBAz3lVS9gGAKpXpAADDWkRy8JA578\_big.log

查看文件信息

#fdfs\_file\_info /etc/fdfs/client.conf group1/M00/00/00/rBAz3lVS9gGAKpXpAADDWkRy8JA578\_big.log

1. Fastdfs && nginx集成

4.1 配置安装环境

#cd /root/tmp

安装一些需要的包 yum -y install pcre pcre-devel zlib zlib-devel

#tar zxvf fastdfs-nginx-module\_v1.16.tar.gz

#tar zxvf nginx-1.8.0.tar.gz

#vi fastdfs-nginx-module/src/config

ngx\_addon\_name=ngx\_http\_fastdfs\_module

HTTP\_MODULES="$HTTP\_MODULES ngx\_http\_fastdfs\_module"

NGX\_ADDON\_SRCS="$NGX\_ADDON\_SRCS $ngx\_addon\_dir/ngx\_http\_fastdfs\_module.c"

CORE\_INCS="$CORE\_INCS /usr/include/fastdfs /usr/include/fastcommon/" 去掉原来的local

CORE\_LIBS="$CORE\_LIBS -L/usr/lib64 -lfastcommon -lfdfsclient"

CFLAGS="$CFLAGS -D\_FILE\_OFFSET\_BITS=64 -DFDFS\_OUTPUT\_CHUNK\_SIZE='256\*1024' -DFDFS\_MOD\_CONF\_FILENAME='\"/etc/fdfs/mod\_fastdfs.conf\"'"

4.2 安装nginx模块

#cd nginx-1.8.0

#./configure --prefix=/usr/local/nginx --add-module=/root/tmp/fastdfs-nginx-module/src/

#make

#make install

#vi /etc/init.d/nginx

#!/bin/bash

# nginx Startup script for the Nginx HTTP Server

# it is v.1.4.7 version.

# chkconfig: - 85 15

# description: Nginx is a high-performance web and proxy server.

# It has a lot of features, but it's not for everyone.

# processname: nginx

# pidfile: /usr/local/nginx/logs/nginx.pid

# config: /usr/local/nginx/conf/nginx.conf

nginxd=/usr/local/nginx/sbin/nginx

nginx\_config=/usr/local/nginx/conf/nginx.conf

nginx\_pid=/usr/local/nginx/logs/nginx.pid

nginx\_lock=/var/lock/subsys/nginx

RETVAL=0

prog="nginx"

# Source function library.

. /etc/rc.d/init.d/functions

# Source networking configuration.

. /etc/sysconfig/network

# Check that networking is up.

[ ${NETWORKING} = "no" ] && exit 0

[ -x $nginxd ] || exit 0

# Start nginx daemons functions.

start() {

nginx\_is\_run=`ps -ef | egrep 'nginx:\s\*(worker|master)\s\*process' | wc -l`

if [ ${nginx\_is\_run} -gt 0 ];then

echo "nginx already running...."

exit 1

fi

echo -n $"Starting $prog: "

daemon $nginxd -c ${nginx\_config}

RETVAL=$?

echo

[ $RETVAL = 0 ] && touch ${nginx\_lock}

return $RETVAL

}

# Stop nginx daemons functions.

stop() {

echo -n $"Stopping $prog: "

killproc $nginxd

RETVAL=$?

echo

[ $RETVAL = 0 ] && rm -f ${nginx\_lock} ${nginx\_pid}

}

# Reload nginx config file

reload() {

echo -n $"Reloading $prog: "

#kill -HUP `cat ${nginx\_pid}`

killproc $nginxd -HUP

RETVAL=$?

echo

}

# See how we were called.

case "$1" in

start)

start

;;

stop)

stop

;;

reload)

reload

;;

restart)

stop

start

;;

status)

status $prog

RETVAL=$?

;;

\*)

echo $"Usage: $prog {start|stop|restart|reload|status|help}"

exit 1

esac

#chmod 700 /etc/init.d/nginx

#cp /root/tmp/fastdfs-nginx-module/src/mod\_fastdfs.conf /etc/fdfs/

#vi /etc/fdfs/mod\_fastdfs.conf

connect\_timeout=2

network\_timeout=30

base\_path= /data/fsdf/fsdf-sto

load\_fdfs\_parameters\_from\_tracker=true

storage\_sync\_file\_max\_delay = 86400

use\_storage\_id = false

storage\_ids\_filename = storage\_ids.conf

tracker\_server=172.16.51.222:22122

tracker\_server=172.16.51.223:22122

storage\_server\_port=23000

group\_name=group1 ##更改为相对应的组名

url\_have\_group\_name = true

store\_path\_count=1

store\_path0= /data/fsdf/fsdf-sto

log\_level=info

log\_filename=

response\_mode=proxy

if\_alias\_prefix=

flv\_support = true

再次修改/etc/fdfs/client.conf文件

http.tracker\_server\_port=9001 ###nginx代理端口

最后一行##include http.conf去掉一个#

#include http.conf

做M00的软连接

ln -s /data/fsdf/fsdf-sto/data/ /data/fsdf/fsdf-sto/data/M00

启动Nginx

Service nginx start

Starting nginx: ngx\_http\_fastdfs\_set pid=31641

有提示类似上面的信息即模块加载成功

上传一个文本文件测试

fdfs\_test /etc/fdfs/client.conf upload /root/1.txt

访问回执地址，如

172.16.51.222:9001/group1/M00/00/00/CgpVwFZAjC-AHpUJAAAAEAQRKco795\_big.txt

1. Fdfs\_storage启动脚本

#!/bin/bash

#

# fdfs\_storaged Starts fdfs\_storaged

#

#

# chkconfig: 2345 99 01

# description: FastDFS storage server

### BEGIN INIT INFO

# Provides: $fdfs\_storaged

### END INIT INFO

# Source function library.

. /etc/init.d/functions

PRG=/usr/bin/fdfs\_storaged

CONF=/etc/fdfs/storage.conf

if [ ! -f $PRG ]; then

echo "file $PRG does not exist!"

exit 2

fi

if [ ! -f /usr/bin/stop.sh ]; then

echo "file /usr/bin/stop.sh does not exist!"

exit 2

fi

if [ ! -f /usr/bin/restart.sh ]; then

echo "file /usr/bin/restart.sh does not exist!"

exit 2

fi

if [ ! -f $CONF ]; then

echo "file $CONF does not exist!"

exit 2

fi

CMD="$PRG $CONF"

RETVAL=0

start() {

echo -n $"Starting FastDFS storage server: "

$CMD &

RETVAL=$?

echo

return $RETVAL

}

stop() {

/usr/bin/stop.sh $CMD

RETVAL=$?

return $RETVAL

}

rhstatus() {

status fdfs\_storaged

}

restart() {

/usr/bin/restart.sh $CMD &

}

case "$1" in

start)

start

;;

stop)

stop

;;

status)

rhstatus

;;

restart|reload)

restart

;;

condrestart)

restart

;;

\*)

echo $"Usage: $0 {start|stop|status|restart|condrestart}"

exit 1

esac

exit $?

1. Fdfs\_tracker启动脚本

#!/bin/bash

#

# fdfs\_trackerd Starts fdfs\_trackerd

#

#

# chkconfig: 2345 99 01

# description: FastDFS tracker server

### BEGIN INIT INFO

# Provides: $fdfs\_trackerd

### END INIT INFO

# Source function library.

. /etc/init.d/functions

PRG=/usr/bin/fdfs\_trackerd

CONF=/etc/fdfs/tracker.conf

if [ ! -f $PRG ]; then

echo "file $PRG does not exist!"

exit 2

fi

if [ ! -f /usr/bin/stop.sh ]; then

echo "file /usr/bin/stop.sh does not exist!"

exit 2

fi

if [ ! -f /usr/bin/restart.sh ]; then

echo "file /usr/bin/restart.sh does not exist!"

exit 2

fi

if [ ! -f $CONF ]; then

echo "file $CONF does not exist!"

exit 2

fi

CMD="$PRG $CONF"

RETVAL=0

start() {

echo -n $"Starting FastDFS tracker server: "

$CMD &

RETVAL=$?

echo

return $RETVAL

}

stop() {

/usr/bin/stop.sh $CMD

RETVAL=$?

return $RETVAL

}

rhstatus() {

status fdfs\_trackerd

}

restart() {

/usr/bin/restart.sh $CMD &

}

case "$1" in

start)

start

;;

stop)

stop

;;

status)

rhstatus

;;

restart|reload)

restart

;;

condrestart)

restart

;;

\*)

echo $"Usage: $0 {start|stop|status|restart|condrestart}"

exit 1

esac

exit $?

然后分别加入启动项

chkconfig fdfs\_trackerd on

chkconfig fdfs\_storaged on