# pssh -i -h hosts1 -x "-oStrictHostKeyChecking=no -i 550.pem" " ls -all \*.txt"

# pssh -i -h hosts2 -x "-oStrictHostKeyChecking=no -i 550.pem" " ls -all \*.txt"

# pssh -i -h hosts4 -x "-oStrictHostKeyChecking=no -i 550.pem" " ls -all \*.txt"

# pssh -i -h hosts8 -x "-oStrictHostKeyChecking=no -i 550.pem" " ls -all \*.txt"

# pssh -i -h hosts1 -x "-oStrictHostKeyChecking=no -i 550.pem" " ~/hiredis/redis-perf > redis.1.txt"

# pssh -i -h hosts2 -x "-oStrictHostKeyChecking=no -i 550.pem" " ~/hiredis/redis-perf > redis.2.txt"

# pssh -i -h hosts4 -x "-oStrictHostKeyChecking=no -i 550.pem" " ~/hiredis/redis-perf > redis.4.txt"

# pssh -i -h hosts8 -x "-oStrictHostKeyChecking=no -i 550.pem" " ~/hiredis/redis-perf > redis.8.txt"

# pssh -i -h hosts -x "-oStrictHostKeyChecking=no -i 550.pem" " ~/hiredis/redis-perf > redis.16.txt"

# pssh -i -h hosts1 -x "-oStrictHostKeyChecking=no -i 550.pem" " php couchdb-perf.php > couchdb.1.txt "

# pssh -i -h hosts2 -x "-oStrictHostKeyChecking=no -i 550.pem" " php couchdb-perf.php > couchdb.2.txt "

# pssh -i -h hosts4 -x "-oStrictHostKeyChecking=no -i 550.pem" " php couchdb-perf.php > couchdb.4.txt "

# pssh -i -h hosts8 -x "-oStrictHostKeyChecking=no -i 550.pem" " php couchdb-perf.php > couchdb.8.txt "

# pssh -i -h hosts -x "-oStrictHostKeyChecking=no -i 550.pem" " php couchdb-perf.php > couchdb.16.txt "

# pssh -i -h hosts1 -x "-oStrictHostKeyChecking=no -i 550.pem" " python cassandra-perf.py > cassandra.1.txt "

# pssh -i -h hosts2 -x "-oStrictHostKeyChecking=no -i 550.pem" " python cassandra-perf.py > cassandra.2.txt "

# pssh -i -h hosts4 -x "-oStrictHostKeyChecking=no -i 550.pem" " python cassandra-perf.py > cassandra.4.txt "

# pssh -i -h hosts8 -x "-oStrictHostKeyChecking=no -i 550.pem" " python cassandra-perf.py > cassandra.8.txt "

# pssh -i -h hosts -x "-oStrictHostKeyChecking=no -i 550.pem" " python cassandra-perf.py > cassandra.16.txt "

# pssh -i -h hosts1 -x "-oStrictHostKeyChecking=no -i 550.pem" " python mongodb-perf.py > mongodb.1.txt "

# pssh -i -h hosts2 -x "-oStrictHostKeyChecking=no -i 550.pem" " python mongodb-perf.py > mongodb.2.txt "

# pssh -i -h hosts4 -x "-oStrictHostKeyChecking=no -i 550.pem" " python mongodb-perf.py > mongodb.4.txt "

# pssh -i -h hosts8 -x "-oStrictHostKeyChecking=no -i 550.pem" " python mongodb-perf.py > mongodb.8.txt "

# pssh -i -h hosts -x "-oStrictHostKeyChecking=no -i 550.pem" " python mongodb-perf.py > mongodb.16.txt "

# 

# 

# 

# 40.117.103.147:9999

# 40.121.91.161:9999

# 40.117.94.67:9999

# 40.121.91.83:9999

# 40.121.95.5:9999

# 40.117.91.244:9999

# 104.45.139.6:9999

# 40.114.7.144:9999

# 104.41.145.114:9999

# 40.117.90.161:9999

# 40.117.90.71:9999

# 40.117.92.166:9999

# 40.117.91.155:9999

# 40.121.91.190:9999

# 40.117.88.60:9999

# 40.117.94.255:9999

# 

# pssh -i -h hosts.txt -A " ~/Fei\_Shen/peer4 10001"

pscp -h ~/pssh-2.3.1/hosts.txt -A servers.cfg /home/azureuser/Fei\_Shen/servers.cfg

pscp -h ~/pssh-2.3.1/hosts -x "-oStrictHostKeyChecking=no -i 550.pem" peer4.c /home/ubuntu/Fei\_Shen/peer4.c

azureuser@40.117.103.147

azureuser@40.121.91.161

azureuser@40.117.94.67

azureuser@40.121.91.83

azureuser@40.121.95.5

azureuser@40.117.91.244

azureuser@104.45.139.6

azureuser@40.114.7.144

azureuser@104.41.145.114

azureuser@40.117.90.161

azureuser@40.117.90.71

azureuser@40.117.92.166

azureuser@40.117.91.155

azureuser@40.121.91.190

azureuser@40.117.88.60

azureuser@40.117.94.255

netstat -a |grep LISTEN |grep -v unix

sudo ufw allow 80 允许外部访问80端口

**sudo apt-get install python-software-properties**

**wget http://parallel-ssh.googlecode.com/files/pssh-2.3.1.tar.gz  
tar zxvf pssh-2.3.1.tar.gz  
cd pssh-2.3.1/  
python setup.py install**

mongodb

**sudo apt-get autoremove**

**sudo rm /etc/apt/sources.list.d/mongodb.list**

**echo "deb http://repo.mongodb.org/apt/debian wheezy/mongodb-org/3.0 main" | sudo tee /etc/apt/sources.list.d/mongodb-org-3.0.list**

**sudo apt-get update**

**sudo apt-get install --force-yes mongodb-org**

**sudo apt-get install upstart-sysv**

**sudo rm /var/lib/mongodb/mongod.lock**

**sudo -u mongodb mongod -f /etc/mongodb.conf --repair**

**sudo mkdir /data**

**sudo mkdir /data/db**

**sudo chmod 777 /data**

**sudo chmod 777 /data/db**

**vi /etc/mongod.conf 0.0.0.0**

**sudo /usr/bin/mongod --smallfiles &**

**sudo apt-get install python-pip**

sudo pip install pymongo

<https://docs.mongodb.org/getting-started/python/import-data/>

Couchdb

# for 14.04 release

sudo apt-get install software-properties-common -y

# add the ppa

sudo add-apt-repository ppa:couchdb/stable -y

# update cached list of packages

sudo apt-get update -y

# remove any existing couchdb binaries

sudo apt-get remove couchdb couchdb-bin couchdb-common -yf

sudo apt-get install -V couchdb

sudo vi /etc/couchdb/default.ini

bind\_address = 0.0.0.0

sudo stop couchdb

sudo start couchdb

install couchdb-python

**sudo apt-get install python-pip**

sudo pip install couchdb

sudo apt-get install php5-cli

sudo apt-get install php5-curl

single\_insert 1000 docs:

insert 10K time: 3.4647 sec

insert time / doc: 3.465 ms

insert single time: 68.506 ms

find 10K time: 2.1619 sec

find time / doc: 2.162 ms

find single time: 31.518 ms

delete 10K time: 4.6395 sec

delete time / doc: 4.639 ms

delete single time: 366.672 ms

Redis:

wget http://download.redis.io/releases/redis-3.0.5.tar.gz

tar xzf redis-3.0.5.tar.gz

cd redis-3.0.5

sudo apt-get install make

sudo apt-get install gcc

cd deps  
make hiredis lua jemalloc linenoise

cd redis-3.0.5

make

src/redis-server &

src/redis-cli  
redis> set foo bar  
OK  
redis> get foo  
"bar"

sudo apt-get install git

git clone <https://github.com/redis/hiredis.git>

cd hiredis

make

gcc -o redis-perf redis-perf.c libhiredis.a

MAX write in 16 index servers: 0.007344 sec

MAX read in 16 index servers: 0.006679 sec

MAX delete in 16 index servers: 0.008426 sec

SET 1000100000 files in 16 index servers: 5.544345 sec

GET 1000100000 files in 16 index servers: 4.965773 sec

DEL 1000100000 files in 16 index servers: 5.080060 sec

MAX write in 16 index servers: 0.616293 sec

MIN write in 16 index servers: 0.000109 sec

MAX read in 16 index servers: 0.508798 sec

MIN read in 16 index servers: 0.000111 sec

MAX delete in 16 index servers: 0.407965 sec

MIN delete in 16 index servers: 0.000108 sec

SET 1000100000 files in 16 index servers: 448.531895 sec

GET 1000100000 files in 16 index servers: 442.165577 sec

DEL 1000100000 files in 16 index servers: 463.703633 sec

Cassandra

**jre-8u66-linux-x64.tar.gz**

mv jre1.8.0\_66/ /usr/local/java/

sudo update-alternatives --install "/usr/bin/java" "java" "/usr/local/java/jre1.8.0\_66/bin/java" 1

update-alternatives: using /usr/local/java/jre1.8.0\_66/bin/java to provide /usr/bin/java (java) in auto mode

ubuntu@ip-172-31-8-250:/usr/local/java/jre1.8.0\_66/bin$ sudo update-alternatives --install "/usr/bin/javac" "javac" "/usr/local/java/jre1.8.0\_66/bin/javac" 1update-alternatives: error: alternative path /usr/local/java/jre1.8.0\_66/bin/javac doesn't exist

ubuntu@ip-172-31-8-250:/usr/local/java/jre1.8.0\_66/bin$ sudo update-alternatives --install "/usr/bin/javaws" "javaws" "/usr/local/java/jre1.8.0\_66/bin/javaws" 1

update-alternatives: using /usr/local/java/jre1.8.0\_66/bin/javaws to provide /usr/bin/javaws (javaws) in auto mode

ubuntu@ip-172-31-8-250:/usr/local/java/jre1.8.0\_66/bin$ sudo update-alternatives --set java /usr/local/java/jre1.8.0\_66/bin/java

ubuntu@ip-172-31-8-250:/usr/local/java/jre1.8.0\_66/bin$ sudo update-alternatives --set javac /usr/local/java/jre1.8.0\_66/bin/javac

update-alternatives: error: no alternatives for javac

ubuntu@ip-172-31-8-250:/usr/local/java/jre1.8.0\_66/bin$ sudo update-alternatives --set javaws /usr/local/java/jre1.8.0\_66/bin/javaws

ubuntu@ip-172-31-8-250:/usr/local/java/jre1.8.0\_66/bin$ java -version

echo "deb http://debian.datastax.com/community stable main" | sudo tee -a /etc/apt/sources.list.d/cassandra.sources.list

gpg --keyserver pgp.mit.edu --recv-keys F758CE318D77295D

gpg --export --armor F758CE318D77295D | sudo apt-key add -

sudo apt-get update

sudo apt-get install cassandra

<http://datastax.github.io/python-driver/installation.html>

sudo service cassandra stop

sudo vi ./etc/cassandra/cassandra.yaml

rpc\_address: 0.0.0.0

sudo service cassandra start