redis集群(离线版)安装手册

1. 依赖包::

apr-1.3.9-5.el6\_2.src.rpm

apr-util-1.3.9-3.el6\_0.1.src.rpm

curl-7.19.7-52.el6.src.rpm

httpd-2.2.15-59.el6.centos.src.rpm

mysql-5.1.73-8.el6\_8.src.rpm

openssl-1.0.1e-57.el6.src.rpm

zlib-1.2.3-29.el6.src.rpm

1. 安装依赖包:

rpm -ivh apr-1.3.9-5.el6\_2.src.rpm

注:此时会报错，需添加mockbuild组，同时使用root。

groupadd mockbuild  
useradd mockbuild -g mockbuild

rpm -ivh apr-1.3.9-5.el6\_2.src.rpm

rpm -ivh apr-util-1.3.9-3.el6\_0.1.src.rpm

rpm -ivh curl-7.19.7-52.el6.src.rpm

rpm -ivh httpd-2.2.15-59.el6.centos.src.rpm

rpm -ivh mysql-5.1.73-8.el6\_8.src.rpm

rpm -ivh openssl-1.0.1e-57.el6.src.rpm

rpm -ivh zlib-1.2.3-29.el6.src.rpm

1. 安装redis: (redis-4.0.6.tar.gz)

mkdir redis\_cluster

cd redis\_cluster

tar -zxvf redis-4.0.6.tar.gz

cd redis-4.0.6

make && make install

1. 安装ruby:
2. ruby-2.4.3.tar.gz

tar -zxvf ruby-2.4.3.tar.gz

cd ruby-2.4.3

./configure

make

make install

1. zlib-1.2.11.tar.gz

cd zlib-1.2.11

./configure --prefix=/usr/local/zlib

make

make install

进入ruby-2.4.3目录cd ruby-2.4.3

cd ext/zlib

ruby extconf.rb --with-zlib-include=/usr/local/zlib/include/ --with-zlib-lib=/usr/local/zlib/lib

make && make install

注:此时会报错，方法:

vi Makefile

将文件中所有的$(top\_srcdir)替换为../..

修改完成，然后保存

make && make install

1. openssl-1.0.2j.tar.gz

tar -zxvf openssl-1.0.2j.tar.gz

cd openssl-1.0.2j

./config -fPIC --prefix=/usr/local/openssl enable-shared

./config -t

make && make install

进入ruby-2.4.3目录cd ruby-2.4.3

cd ext/openssl

ruby extconf.rb --with-openssl-include=/usr/local/openssl/include/ --with-openssl-lib=/usr/local/openssl/lib

make && make install

注:此时会报错，方法:

vi Makefile

将文件中所有的$(top\_srcdir)替换为../..

修改完成，然后保存

make && make install

1. redis-4.0.0.gem

gem install redis-4.0.0.gem

1. 配置redis集群

ip:

192.168.52.130

192.168.52.131

1. 192.168.52.130

cd redis\_cluster

创建3个节点7000、7001、7002

mkdir 7000

mkdir 7001

mkdir 7002

cp redis-4.0.6/redis.conf 7000

cp redis-4.0.6/redis.conf 7001

cp redis-4.0.6/redis.conf 7002

vi 7000/redis.conf

vi 7001/redis.conf

vi 7002/redis.conf

将文件中的对应信息填好

daemonize yes #redis后台运行

pidfile /var/run/redis\_7000.pid #pidfile文件对应7000,7001,7002

port 7000 #端口7000,7001,7002

cluster-enabled yes #开启集群 把注释#去掉

cluster-config-file nodes\_7000.conf #集群的配置,配置文件首次启动自动生成7000,7001,7002

cluster-node-timeout 5000 #请求超时,设置5秒够了

appendonly yes #aof日志开启 有需要就开启，它会每次写操作都记录一条日志

bind 192.168.52.130

修改完成，然后保存

1. 192.168.52.131

cd redis\_cluster

创建3个节点7003、7004、7005

mkdir 7003

mkdir 7004

mkdir 7005

cp redis-4.0.6/redis.conf 7003

cp redis-4.0.6/redis.conf 7004

cp redis-4.0.6/redis.conf 7005

vi 7003/redis.conf

vi 7004/redis.conf

vi 7005/redis.conf

将文件中的对应信息填好

daemonize yes #redis后台运行

pidfile /var/run/redis\_7003.pid #pidfile文件对应7003,7004,7005

port 7003 #端口7003,7004,7005

cluster-enabled yes #开启集群 把注释#去掉

cluster-config-file nodes\_7003.conf #集群的配置,配置文件首次启动自动生成7003,7004,7005

cluster-node-timeout 5000 #请求超时,设置5秒够了

appendonly yes #aof日志开启 有需要就开启，它会每次写操作都记录一条日志

bind 192.168.52.131

修改完成，然后保存

1. 启动redis服务
2. 192.168.52.130

cd redis\_cluster

./redis-4.0.6/src/redis-server 7000/redis.conf

./redis-4.0.6/src/redis-server 7001/redis.conf

./redis-4.0.6/src/redis-server 7002/redis.conf

1. 192.168.52.131

cd redis\_cluster

./redis-4.0.6/src/redis-server 7003/redis.conf

./redis-4.0.6/src/redis-server 7004/redis.conf

./redis-4.0.6/src/redis-server 7005/redis.conf

1. 查看redis服务

ps -ef | grep redis   #查看是否启动成功

netstat -tnlp | grep redis #可以看到redis监听端口

1. 启动redis集群

cd redis\_cluster

./redis-4.0.6/src/redis-trib.rb create --replicas 1 192.168.52.130:7000 192.168.52.130:7001 192.168.52.130:7002 192.168.52.131:7003 192.168.52.131:7004 192.168.52.131:7005

1. 登陆redis集群

cd redis\_cluster

./redis-4.0.6/src/redis-cli -h 192.168.52.130 -p 7000 -c

./redis-4.0.6/src/redis-cli -h 192.168.52.130 -p 7001 -c

./redis-4.0.6/src/redis-cli -h 192.168.52.130 -p 7002 -c

./redis-4.0.6/src/redis-cli -h 192.168.52.131 -p 7003 -c

./redis-4.0.6/src/redis-cli -h 192.168.52.131 -p 7004 -c

./redis-4.0.6/src/redis-cli -h 192.168.52.131 -p 7005 -c