生产多Master多Slave环境部署实战

环境说明

NameServer

192.168.31.103

192.168.31.113

Broker-A

Master: 192.168.31.104Slave: 192.168.31.114

Broker-B

Master: 192.168.31.105Slave: 192.168.31.115

关闭清除已有实例

清除原有并关闭已有线程 pkill java rm -rf /usr/local/rocketmq-4.9.2 rm -f /usr/local/rocketmq-all-4.9.2-bin-release.zip

部署Name Server

103 NameServer

yum -y install java-1.8.0-openjdk-devel.x86_64 sudo cat >> /etc/profile <<-'EOF' export JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk export JRE_HOME=\$JAVA_HOME/jre export CLASSPATH=\$JAVA_HOME/lib:\$JRE_HOME/lib:\$CLASSPATH export PATH=\$JAVA_HOME/bin:\$JRE_HOME/bin:\$PATH EOF

source /etc/profile echo \$JAVA_HOME

cd /usr/local

#官网下的太慢,用我提供的OSS加速下载

wget --no-check-certificate https://manongbiji.oss-cn-

beijing.aliyuncs.com/ittailkshow/rocketmq/download/rocketmq-all-4.9.2-bin-release.zip

wget --no-check-certificate https://manongbiji.oss-cn-

beijing.aliyuncs.com/ittailkshow/rocketmq/download/rocketmq-all-4.9.2-bin-

release.zip

unzip rocketmq-all-4.9.2-bin-release.zip
cd /usr/local/rocketmq-4.9.2
sed -i 's/-Xms4g -Xmx4g -XX:MetaspaceSize=128m/-Xms1g -Xmx1g XX:MetaspaceSize=128m/g' ./bin/runserver.sh
firewall-cmd --zone=public --add-port=9876/tcp --permanent
firewall-cmd --reload
sh ./bin/mqnamesrv
nohup sh ./bin/mqnamesrv > nqnamesrv.log &

113 NameServer

yum -y install java-1.8.0-openjdk-devel.x86_64 sudo cat >> /etc/profile <<-'EOF' export JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk export JRE_HOME=\$JAVA_HOME/jre export CLASSPATH=\$JAVA_HOME/lib:\$JRE_HOME/lib:\$CLASSPATH export PATH=\$JAVA_HOME/bin:\$JRE_HOME/bin:\$PATH EOF

source /etc/profile echo \$JAVA HOME

cd /usr/local

官网下的太慢,用我提供的OSS加速下载

wget --no-check-certificate https://manongbiji.oss-cn-

beijing.aliyuncs.com/ittailkshow/rocketmq/download/rocketmq-all-4.9.2-bin-release.zip

wget --no-check-certificate https://manongbiji.oss-cn-

beijing.aliyuncs.com/ittailkshow/rocketmq/download/rocketmq-all-4.9.2-bin-release.zip

unzip rocketmq-all-4.9.2-bin-release.zip
cd /usr/local/rocketmq-4.9.2
sed -i 's/-Xms4g -Xmx4g -XX:MetaspaceSize=128m/-Xms1g -Xmx1g XX:MetaspaceSize=128m/g' ./bin/runserver.sh
firewall-cmd --zone=public --add-port=9876/tcp --permanent
firewall-cmd --reload
sh ./bin/mqnamesrv
nohup sh ./bin/mqnamesrv > nqnamesrv.log &

部署2Master-2Slave

Broker-A:104主

yum -y install java-1.8.0-openjdk-devel.x86_64 sudo cat >> /etc/profile <<-'EOF' export JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk export JRE_HOME=\$JAVA_HOME/jre export CLASSPATH=\$JAVA_HOME/lib:\$JRE_HOME/lib:\$CLASSPATH export PATH=\$JAVA_HOME/bin:\$JRE_HOME/bin:\$PATH EOF source /etc/profile echo \$JAVA_HOME

cd /usr/local

官网下的太慢,用我提供的OSS加速下载

wget --no-check-certificate https://dlcdn.apache.org/rocketmq/4.9.2/rocketmq-all-4.9.2-bin-release.zip

wget --no-check-certificate https://manongbiji.oss-cn-

beijing.aliyuncs.com/ittailkshow/rocketmq/download/rocketmq-all-4.9.2-bin-release.zip

unzip rocketmq-all-4.9.2-bin-release.zip

cd /usr/local/rocketmq-4.9.2

sed -i 's/-Xms8g -Xmx8g/-Xms1g -Xmx1g/g' ./bin/runbroker.sh

cat > master-a.properties <<-'EOF' #集群名称,同一个集群下的broker要求统一 brokerClusterName=DefaultCluster

#broker名称 brokerName=broker-a

#brokerId=0代表主节点,大于零代表从节点 brokerId=0

#删除日志文件时间点,默认凌晨 4 点 deleteWhen=04

#日志文件保留时间, 默认 48 小时 fileReservedTime=48

#Broker 的角色 #- ASYNC_MASTER 异步复制Master #- SYNC_MASTER 同步双写Master # SLAVE 从属服务器 brokerRole=SYNC MASTER

#刷盘方式

#- ASYNC_FLUSH 异步刷盘,性能好宕机会丢数 #- SYNC_FLUSH 同步刷盘,性能较差不会丢数 flushDiskType=SYNC FLUSH

#末尾追加, NameServer节点列表,使用分号分割 namesrvAddr=192.168.31.103:9876;192.168.31.113:9876

autoCreateTopicEnable=false
EOF

firewall-cmd --zone=public --add-port=10911/tcp --permanent firewall-cmd --reload

sh ./bin/mqbroker -c ./single-master.properties nohup sh ./bin/mqbroker -c ./master-a.properties > broker.log &

Broker-A:114从

yum -y install java-1.8.0-openjdk-devel.x86_64 sudo cat >> /etc/profile <<-'EOF' export JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk export JRE_HOME=\$JAVA_HOME/jre export CLASSPATH=\$JAVA_HOME/lib:\$JRE_HOME/lib:\$CLASSPATH export PATH=\$JAVA_HOME/bin:\$JRE_HOME/bin:\$PATH EOF source /etc/profile echo \$JAVA_HOME

cd /usr/local

官网下的太慢, 用我提供的OSS加速下载

wget --no-check-certificate https://dlcdn.apache.org/rocketmq/4.9.2/rocketmq-all-4.9.2-bin-release.zip

wget --no-check-certificate https://manongbiji.oss-cn-

beijing.aliyuncs.com/ittailkshow/rocketmq/download/rocketmq-all-4.9.2-bin-release.zip

unzip rocketmq-all-4.9.2-bin-release.zip

cd /usr/local/rocketmq-4.9.2

sed -i 's/-Xms8g -Xmx8g/-Xms1g -Xmx1g/g' ./bin/runbroker.sh

cat > slave-a.properties < < -'EOF' #集群名称,同一个集群下的broker要求统一 brokerClusterName=DefaultCluster

#broker名称 brokerName=broker-a

#brokerId=0代表主节点,大于零代表从节点 brokerId=1

#删除日志文件时间点,默认凌晨 4 点 deleteWhen=04

#日志文件保留时间, 默认 48 小时 fileReservedTime=48

#Broker 的角色 #- ASYNC_MASTER 异步复制Master #- SYNC_MASTER 同步双写Master brokerRole=SLAVE

#刷盘方式

#- ASYNC_FLUSH 异步刷盘,性能好宕机会丢数 #- SYNC_FLUSH 同步刷盘,性能较差不会丢数 flushDiskType=SYNC FLUSH

#末尾追加, NameServer节点列表,使用分号分割 namesrvAddr=192.168.31.103:9876;192.168.31.113:9876

autoCreateTopicEnable=false
EOF

firewall-cmd --zone=public --add-port=10911/tcp --permanent firewall-cmd --reload

sh ./bin/mqbroker -c ./slave-a.properties nohup sh ./bin/mqbroker -c ./slave-a.properties > broker.log &

Broker-B:105主

yum -y install java-1.8.0-openjdk-devel.x86_64 sudo cat >> /etc/profile <<-'EOF' export JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk export JRE_HOME=\$JAVA_HOME/jre export CLASSPATH=\$JAVA_HOME/lib:\$JRE_HOME/lib:\$CLASSPATH export PATH=\$JAVA_HOME/bin:\$JRE_HOME/bin:\$PATH EOF source /etc/profile cd /usr/local

官网下的太慢, 用我提供的OSS加速下载

wget --no-check-certificate https://dlcdn.apache.org/rocketmq/4.9.2/rocketmq-all-4.9.2-bin-release.zip

wget --no-check-certificate https://manongbiji.oss-cn-

beijing.aliyuncs.com/ittailkshow/rocketmq/download/rocketmq-all-4.9.2-bin-release.zip

unzip rocketmq-all-4.9.2-bin-release.zip

cd /usr/local/rocketmg-4.9.2

sed -i 's/-Xms8g -Xmx8g/-Xms1g -Xmx1g/g' ./bin/runbroker.sh

cat > master-b.properties <<-'EOF' #集群名称,同一个集群下的broker要求统一 brokerClusterName=DefaultCluster

#broker名称 brokerName=broker-b

#brokerId=0代表主节点,大于零代表从节点 brokerId=0

#删除日志文件时间点,默认凌晨 4 点 deleteWhen=04

#日志文件保留时间,默认 48 小时fileReservedTime=48

#Broker 的角色

#- ASYNC_MASTER 异步复制Master #- SYNC_MASTER 同步双写Master brokerRole=SYNC_MASTER

#刷盘方式

#- ASYNC_FLUSH 异步刷盘,性能好宕机会丢数 #- SYNC_FLUSH 同步刷盘,性能较差不会丢数 flushDiskType=SYNC FLUSH

#末尾追加, NameServer节点列表, 使用分号分割 namesrvAddr=192.168.31.103:9876;192.168.31.113:9876

autoCreateTopicEnable=false
EOF

firewall-cmd --zone=public --add-port=10911/tcp --permanent firewall-cmd --reload

sh ./bin/mqbroker -c ./master-b.properties nohup sh ./bin/mqbroker -c ./master-b.properties > broker.log &

Broker-B:115从

yum -y install java-1.8.0-openjdk-devel.x86_64 sudo cat >> /etc/profile <<-'EOF' export JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk export JRE_HOME=\$JAVA_HOME/jre export CLASSPATH=\$JAVA_HOME/lib:\$JRE_HOME/lib:\$CLASSPATH export PATH=\$JAVA_HOME/bin:\$JRE_HOME/bin:\$PATH EOF source /etc/profile echo \$JAVA_HOME

cd /usr/local

官网下的太慢,用我提供的OSS加速下载

wget --no-check-certificate https://dlcdn.apache.org/rocketmq/4.9.2/rocketmq-all-4.9.2-bin-release.zip

wget --no-check-certificate https://manongbiji.oss-cn-

beijing.aliyuncs.com/ittailkshow/rocketmq/download/rocketmq-all-4.9.2-bin-release.zip

unzip rocketmq-all-4.9.2-bin-release.zip

cd /usr/local/rocketmq-4.9.2

sed -i 's/-Xms8g -Xmx8g/-Xms1g -Xmx1g/g' ./bin/runbroker.sh

cat > slave-b.properties <<-'EOF' #集群名称,同一个集群下的broker要求统一 brokerClusterName=DefaultCluster

#broker名称 brokerName=broker-b

#brokerId=0代表主节点,大于零代表从节点 brokerId=1

#删除日志文件时间点,默认凌晨 4 点 deleteWhen=04

#日志文件保留时间, 默认 48 小时 fileReservedTime=48

#Broker 的角色 #- ASYNC_MASTER 异步复制Master #- SYNC_MASTER 同步双写Master brokerRole=SLAVE

#刷盘方式

#- ASYNC_FLUSH 异步刷盘,性能好宕机会丢数 #- SYNC_FLUSH 同步刷盘,性能较差不会丢数 flushDiskType=SYNC FLUSH

#末尾追加, NameServer节点列表,使用分号分割 namesrvAddr=192.168.31.103:9876;192.168.31.113:9876

autoCreateTopicEnable=false
EOF

firewall-cmd --zone=public --add-port=10911/tcp --permanent firewall-cmd --reload

sh ./bin/mqbroker -c ./slave-b.properties nohup sh ./bin/mqbroker -c ./slave-b.properties > broker.log &

验证集群有效

cd /usr/local/rocketmq-4.9.2/bin sh mqadmin clusterList -n 192.168.31.113:9876