RocketMQ Deployment Guide

Version	Author	Date
1.0	Li Zhanhui	2014/11/19

Deploy Name Server Cluster Manager Server

1 Deployment Steps
   Please refer to the following URL for detailed instructions:
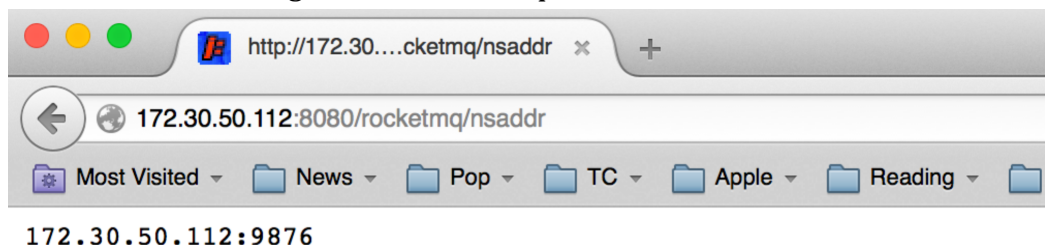   https://github.com/lizhanhui/rocketmq-nameserver-api

2 Verification
   After setting up per previous step, open your favorite browse go to
   http://IP:8080, you should see the following screen:
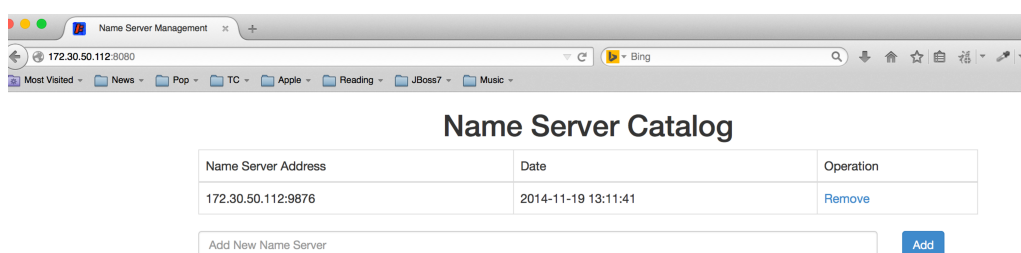
   Go to the Name Server List API http://IP:8080/rocketmq/nsaddr, you
   should see something similar to the sequel:

Deploy RocketMQ

1   Clone Source Code
    git clone https://github.com/lizhanhui/Alibaba_RocketMQ.git
2   Configure And Build
    ●   Generate SSL Key/Certificate Pair
        Use bin/ssl_key_cer.sh generate key/certificate pair
        Add certificate to java trust key store as below
        "sudo keytool -import -alias NDPMedia -file cer.pem -keystore
        ${JAVA_HOME}/jre/lib/security/cacerts"
    ●   Configure SSL Settings
        Refer to bin/tools.sh to enable SSL.
    ●   sh install.sh
3   Deploy Name Server

    ●   Edit System hosts file by adding the following entry, pointing to the
        Name Server Manager Site:
        rocketmq.api   IP

    ●   Go to devenv/bin folder and execute the following command:
        sh start.sh nameserver
4   Deploy Broker
    Go to devenv/bin and execute the following command to start master
    sync broker:
        sh start.sh broker mast
    Execute the following command to start slave sync broker:
        sh start.sh broker master
5   Verification
At devenv/bin, execute the following command, you should see the following
cluster list once your broker is running correctly:

```
[lizhanhui@lizhanhui bin]$ sh mqadmin clusterList
Java HotSpot(TM) 64-Bit Server VM warning: ignoring option PermSize=128m; support was removed in 8.0
Java HotSpot(TM) 64-Bit Server VM warning: ignoring option MaxPermSize=128m; support was removed in 8.0
#Cluster Name     #Broker Name              #BID  #Addr            #Version          #InTPS      #OutTPS
DefaultCluster    broker-a                  0     172.30.50.112:10911   V3_2_2         0.00        0.00
[lizhanhui@lizhanhui bin]$ sh mqadmin topicList
Java HotSpot(TM) 64-Bit Server VM warning: ignoring option PermSize=128m; support was removed in 8.0
Java HotSpot(TM) 64-Bit Server VM warning: ignoring option MaxPermSize=128m; support was removed in 8.0
BenchmarkTest
OFFSET_MOVED_EVENT
broker-a
TBW102
SELF_TEST_TOPIC
DefaultCluster
[lizhanhui@lizhanhui bin]$
```

Application Example

1   Producer

2   Consumer

Contact

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