**Zookeeper服务**

前提：已经安装JDK1.8

# zookeeper单机版

1. 下载并发送到服务器

<http://mirrors.hust.edu.cn/apache/zookeeper/zookeeper-3.4.12/zookeeper-3.4.12.tar.gz>

1. 解压安装并进入安装目录

[root@host1 ~]# tar xf zookeeper-3.4.12.tar.gz

[root@host1 ~]# mv zookeeper-3.4.12 /usr/local

[root@host1 ~]# cd /usr/local/zookeeper-3.4.12

1. 拷贝并修改配置文件

[root@host1 zookeeper-3.4.12]# cp conf/zoo\_sample.cfg conf/zoo.cfg

[root@host1 zookeeper-3.4.12]# vim conf/zoo.cfg

//...

dataDir=/usr/local/zookeeper/data

//...

1. 启动服务

[root@host1 zookeeper-3.4.12]# ./bin/zkServer.sh start

1. 验证：客户端连接测试，quit退出连接

[root@host1 zookeeper-3.4.12]# ./bin/zkCli.sh -server 127.0.0.1:2181

Connecting to 127.0.0.1:2181

...

[zk: 127.0.0.1:2181(CONNECTED) 0] quit

# zookeeper集群

1. 主机名ip地址映射

[root@host1 ~]# vim /etc/hosts

192.168.100.11 host1

192.168.100.12 host2

192.168.100.13 host3

1. 关闭selinux和防火墙

[root@host1 ~]# systemctl stop firewalld ; systemctl disable firewalld

[root@host1 ~]# setenforce 0 ; sed -i '/SELINUX/s/enforcing/disabled/' /etc/selinux/config

1. 解压安装并进入安装目录

[root@host1 ~]# tar xf zookeeper-3.4.12.tar.gz

[root@host1 ~]# mv zookeeper-3.4.12 /usr/local

[root@host1 ~]# cd /usr/local/zookeeper-3.4.12

1. 拷贝并修改配置文件

[root@host1 zookeeper-3.4.12]# cp conf/zoo\_sample.cfg conf/zoo.cfg

[root@host1 zookeeper-3.4.12]# vim conf/zoo.cfg

[root@host1 zookeeper-3.4.12]# egrep -v '(^#|^$)' conf/zoo.cfg

tickTime=2000

initLimit=10

syncLimit=5

dataDir=/usr/local/zookeeper-3.4.12/data

clientPort=2181

server.1=host1:2888:3888

server.2=host2:2888:3888

server.3=host3:2888:3888

maxClientCnxns=60

1. 启动服务并查看jvm进程状态

[root@host1 zookeeper-3.4.12]# ./bin/zkServer.sh start

ZooKeeper JMX enabled by default

Using config: /usr/local/zookeeper-3.4.12/bin/../conf/zoo.cfg

Starting zookeeper ... STARTED

[root@host1 zookeeper-3.4.12]# jps

2357 QuorumPeerMain

2520 Jps

1. 查看集群状态

[root@host1 zookeeper-3.4.12]# ./bin/zkServer.sh status

ZooKeeper JMX enabled by default

Using config: /usr/local/zookeeper-3.4.12/bin/../conf/zoo.cfg

Mode: follower

[root@host2 zookeeper-3.4.12]# ./bin/zkServer.sh status

ZooKeeper JMX enabled by default

Using config: /usr/local/zookeeper-3.4.12/bin/../conf/zoo.cfg

Mode: leader

[root@host3 zookeeper-3.4.12]# ./bin/zkServer.sh status

ZooKeeper JMX enabled by default

Using config: /usr/local/zookeeper-3.4.12/bin/../conf/zoo.cfg

Mode: follower