# Zookeeper伪分布式集群搭建

1. **描述**

伪分布式集群就是在一台机器部署多个zk应用，部署之前服务器需要有jdk环境 java -version可以显示相关java信息才可以进行zookeeper搭建

**二、步骤**

>第一步下载好zookeeper-3.4.9.tar.gz

>然后解压tar zxvf zookeeper-3.4.9.tar.gz



>进入zk中的conf目录下输入cp zoo-sample.cfg zoo1.cfg cp zoo-sample.cfg zoo2.cfg、cp zoo-sample.cfg zoo3.cfg

>分别对zoo1、2、3文件进行编辑

|  |
| --- |
| # The number of milliseconds of each tick  tickTime=2000  # The number of ticks that the initial  # synchronization phase can take  initLimit=10  # The number of ticks that can pass between  # sending a request and getting an acknowledgement  syncLimit=5  # the directory where the snapshot is stored.  # do not use /tmp for storage, /tmp here is just  # example sakes.  dataDir=/apps/servers/data/d\_1  dataLogDir=/apps/servers/logs/logs\_1  # the port at which the clients will connect  clientPort=2181  #不同zoo.cfg修改自己的属性和端口号  # the maximum number of client connections.  # increase this if you need to handle more clients  #maxClientCnxns=60  #  # Be sure to read the maintenance section of the  # administrator guide before turning on autopurge.  #  # http://zookeeper.apache.org/doc/current/zookeeperAdmin.html#sc\_maintenance  #  # The number of snapshots to retain in dataDir  #autopurge.snapRetainCount=3  # Purge task interval in hours  # Set to "0" to disable auto purge feature  #autopurge.purgeInterval=1  server.1=localhost:2187:2887  server.2=localhost:2188:2888  server.3=localhost:2189:2889 |

>修改之后分别创建data目录和日志目录

|  |
| --- |
| mkdir /apps/servers/data/d\_1  Mkdir /apps/servers/data/d\_1  mkdir /apps/servers/data/d\_1  mkdir /apps/servers/logs/logs\_1  mkdir /apps/servers/logs/logs\_1  mkdir /apps/servers/logs/logs\_1  echo "1" > /apps/servers/data/d\_1/myid  echo "2" >/apps/servers/data/d\_2/myid  echo "3" >/apps/servers/data/d\_3/myid |

>进入bin目录下输入命令 分别进行启动

|  |
| --- |
| zkServer.sh start ../conf/zoo1.cfg  zkServer.sh start ../conf/zoo2.cfg  zkServer.sh start ../conf/zoo3.cfg |

通过命令检测是否成功：

注意防火墙和配置是否成功，这个是部署成功的关键

|  |
| --- |
| zkServer.sh status或者zkCli.sh -server localhost:2181, localhost:2182, localhost:2183 是否可以连接成功  如果不能连接上查看下错误日志. |