



链滴

linux 上安装 zookeeper

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原文链接: <https://ld246.com/article/1546833588717>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

1. zookeeper的下载

从官网下载自己要安装的zookeeper

附上官网地址

<http://zookeeper.apache.org/releases.html>

2.开始安装

2.1 上传到服务器

```
scp zookeeper.3.14.tar.gz root@hdp:~/
```

2.2 解压

```
tar zxvf zookeeper.3.14.tar.gz
```

2.3 移动到/usr/local目录并重命名为zookeeper

```
mv zookeeper-3.14 /usr/local/zookeeper
```

2.4 修改配置文件

先复制模版

```
cd zookeeper/conf
```

```
cp zookeeper-sample.cfg zookeeper.cfg
```

2.4.1 如果单机启动的话只修改数据存放文件就可以了

```
# 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=/root/zkdata
# the port at which the clients will connect
clientPort=2181
```

2.4.2 集群启动的话需要配置各节点

```
# 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=/root/zkdata
# the port at which the clients will connect
clientPort=2181
server.1=hdp-master:2888:3888
server.2=hdp-node:2888:3888
server.3=hdp-node2:2888:3888
```

2.5 在服务器上新建数据目录/root/zkdata，并生成myid

```
mkdir zkdata
echo 1 > zkdata/myid
```

2.6 如果启动集群的话分发zookeeper

```
scp zookeeper root@hdp-node:$PWD
```

3 启动

```
bin/zkServer.sh start
```

4 通过脚本批量启动集群

```
▽
#!/bin/bash
# 要启动的集群hosts
manager_hosts=(hdp-master hdp-node hdp-node2)
for host in ${manager_hosts[@]}
do
    echo "${host}:${1}ing..."
    ssh ${host} "source /etc/profile;/usr/local/zookeeper/bin/zkServer.sh $1"
done

sleep 2

for host in ${manager_hosts[@]}
do
    echo "${host}:${1}ing..."
    ssh ${host} "source /etc/profile;/usr/local/zookeeper/bin/zkServer.sh status"
done
```