1. 时间同步

基于ntp实现时间同步，

* 搭建一个是时间服务器
* 其他client通过crontab定时任务从时间server同步时间

1. 句柄数和进程数设置

打开文件的最大数目（文件句柄数）

/etc/security/limits.conf

Hadoop soft nofile 131072

Hadoop hard nofile 131072

进程的最大数目

/etc/security/limits.d/90-nproc.conf

Hadoop soft nproc unlimited

Hadoop hard nproc unlimited

useradd -d /home/hadoop hadoop

echo "hadooppwd" | passwd --stdin hadoop

echo "hadoop soft nofile 131072" >> /etc/security/limits.conf

echo "hadoop hard nofile 131072" >> /etc/security/limits.conf

echo "hadoop soft nproc unlimited" >> /etc/security/limits.d/90-nproc.conf

echo "hadoop hard nproc unlimited" >> /etc/security/limits.d/90-nproc.conf

chage -M 99999 hadoop

产生用户的固定脚本：

hard和soft的区别： soft是一个警告值，而hard则是一个真正意义的阀值，超过就会报错，一般情况下都是设为同一个值

1. HDFS回收站配置

配置core-site.xml

<property>

<name>fs.trash.interval</name>

<value>0</value>

<description>Number of minutes after which the checkpoint gets deleted. If zero, the trash feature is disabled. This option may be configured both on the server and the client. If trash is disabled server side then the client side configuration is checked. If trash is enabled on the server side then the value configured on the server is used and the client configuration value is ignored.

</description>

</property>

<property>

<name>fs.trash.checkpoint.interval</name>

<value>0</value>

<description>Number of minutes between trash checkpoints. Should be smaller or equal to fs.trash.interval. If zero, the value is set to the value of fs.trash.interval. Every time the checkpointer runs it creates a new checkpoint out of current and removes checkpoints created more than fs.trash.interval minutes ago.

</description>

</property>

1. 配额管理（文件配额和空间配额）

设置配额，最多存放两个文件

hdfs dfsadmin -setQuota 2 quotadir

重设配额

hdfs dfsadmin -setQuota 200 quotadir

取消配额

hdfs dfsadmin -clrQuota quotadir

空间配额

hdfs dfsadmin -setSpaceQuota 2m quotadir

取消空间配额

hdfs dfsadmin -clrSpaceQuota quotadir

查询配额配置

hdfs dfs -count -q quotadir

1. Yarn资源配置