# CDH版本升级，5.4升级到5.9

1、 修改hostname以单台为例，每台都要修改。

1)     [root@bogon /]# hostname hadoop102

2)    vi /etc/sysconfig/network

NETWORKING=yes

HOSTNAME=hadoop102

GATEWAY=172.16.1.1

2、修改/etc/hosts，添加hosts解析，并禁用ipv6( 每一台机器都如此)

      vi  /etc/hosts

127.0.0.1   localhost localhost.localdomain localhost4 localhost4.localdomain4

#::1         localhost localhost.localdomain localhost6 localhost6.localdomain6

172.16.1.102 hadoop102 hadoop102

172.16.1.103 hadoop103 hadoop103

172.16.1.104 hadoop104 hadoop104

3、禁用ipv6( 每台机器都要改)

[root@bogon /]# vi /etc/modprobe.d/modprobe.conf

alias net-pf-10 off

alias ipv6 off

修改完后重启linux，用以下方法可以查看ipv6是否禁用

ifconfig

netstat –tuln

lsmod|grep ip

4、禁用SELINUX

5、service iptables stop关闭防火墙

6、ssh无密码认证

ssh-keygen -t rsa

ssh-copy-id -i /root/.ssh/id\_rsa.pub '-p 52119 [root@172.16.1.102](mailto:root@172.16.1.102)'

ssh-copy-id -i /root/.ssh/id\_rsa.pub '-p 52119 [root@172.16.1.103](mailto:root@172.16.1.103)'

ssh-copy-id -i /root/.ssh/id\_rsa.pub '-p 52119 [root@172.16.1.104](mailto:root@172.16.1.104)'

7、安装mysql(172.16.1.102)

8、安装JDK(每台机器都要安装)

~~#tar zxvf jdk-8u66-linux-x64.tar.gz~~

~~#cp –r /root/cloudera5.4/jdk1.8.0\_66 /usr/java/~~

~~#vi /etc/profile添加如下~~

~~export JAVA\_HOME=/usr/java/jdk1.8.0\_66~~

~~export PATH=$JAVA\_HOME/bin:$PATH~~

~~export CLASSPATH=.:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar~~

rpm –ivh jdk-8u111-linux-x64.rpm

vi /etc/profile

export JAVA\_HOME=/usr/java/jdk1.8.0\_111

export PATH=$JAVA\_HOME/bin:$PATH

export CLASSPATH=.:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar

java -version

9、创建 yum源

su -c 'rpm -Uvh <http://download.fedoraproject.org/pub/epel/5/i386/epel-release-5-4.noarch.rpm>'

vi /etc/ yum.repos.d/cloudera-manager.repo

[cloudera-manager]

# Packages for Cloudera Manager, Version 5, on RedHat or CentOS 6 x86\_64

name=Cloudera Manager

baseurl=https://archive.cloudera.com/cm5/redhat/6/x86\_64/cm/5/

gpgkey =https://archive.cloudera.com/cm5/redhat/6/x86\_64/cm/RPM-GPG-KEY-cloudera

gpgcheck = 1

文件下载来自: <http://archive.cloudera.com/cm5/redhat/6/x86_64/cm/cloudera-manager.repo>

10、安装RPM包

$ sudo yum --nogpgcheck localinstall cloudera-manager-daemons-\*.rpm

$ sudo yum --nogpgcheck localinstall cloudera-manager-server-\*.rpm

11、配置数据库

On myhost1's MySQL prompt, create a temporary user who can connect from myhost2:

mysql> grant all on \*.\* to 'temp'@'%' identified by 'temp' with grant option;

Query OK, 0 rows affected (0.00 sec)

On the Cloudera Manager Server host (myhost2), run the script:

$ sudo /usr/share/cmf/schema/scm\_prepare\_database.sh mysql -h myhost1.sf.cloudera.com -utemp -ptemp --scm-host myhost2.sf.cloudera.com scm scm scm

Looking for MySQL binary

Looking for schema files in /usr/share/cmf/schema

Verifying that we can write to /etc/cloudera-scm-server

Creating SCM configuration file in /etc/cloudera-scm-server

Executing: /usr/java/jdk1.6.0\_31/bin/java -cp /usr/share/java/mysql-connector-java.[jar:/usr/share/cmf/schema/../lib/\*](http://jar/usr/share/cmf/schema/../lib/*) com.cloudera.enterprise.dbutil.DbCommandExecutor /etc/cloudera-scm-server/db.properties com.cloudera.cmf.db.

[ main] DbCommandExecutor INFO Successfully connected to database.

All done, your SCM database is configured correctly!

On myhost1, delete the temporary user:

mysql> drop user 'temp'@'%';

Query OK, 0 rows affected (0.00 sec)

12、安装cloudera-scm-agent

$ sudo yum --nogpgcheck localinstall cloudera-manager-agent-package.\*.x86\_64.rpm cloudera-manager-daemons

修改配置文件：

vi /etc/cloudera-scm-agent/config.ini

server\_host=hadoop102

启动服务：

service cloudera-scm-server start

service cloudera-scm-agent start

13、安装CDH

将parcel包放到目录/opt/cloudera/parcel-repo下：

CDH-5.4.10-1.cdh5.4.10.p0.16-el6.parcel

CDH-5.4.10-1.cdh5.4.10.p0.16-el6.parcel.sha

manifest.json

然后在页面上安装

14、升级

将所有服务都停掉：

rpm –qa|grep cloudera

rpm –e移除所装CM软件包

yum update

yum install –y  cloudera-manager-daemons-5.9.0-1.cm590.p0.249.el6.x86\_64.rpm  cloudera-manager-server-5.9.0-1.cm590.p0.249.el6.x86\_64.rpm cloudera-manager-agent-5.9.0-1.cm590.p0.249.el6.x86\_64.rpm

配置数据库连接文件：

启动服务后看是否能正常运行。

15、升级CDH

将5.9.0的parcel包放到/opt/cloudera/parcel-repo下，需要以下3个文件：

CDH-5.9.0-1.cdh5.9.0.p0.23-el6.parcel

CDH-5.9.0-1.cdh5.9.0.p0.23-el6.parcel.sha

manifest.json

在页面进行滚动升级即可。