Centos7 安装 CDH6 文档

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1 软件需求

- 1) vagrant_1.9.6_x86_64.msi
- 2) VirtualBox-5.1.24-117012-Win.exe
- 3) vagrant-centos-7.2.box
- 4) mysql-connector-java-5.1.47.tar.gz
- 5) CDH6 相关软件包(cm6.0 和 cdh6.0),如下



2集群规划

Ip	Hostname	Software
192.168.56.11	hbase1	Mysql、httpd、cm server
192.168.56.12	Hbase2	Cm Agent、hdfs、hbase
192.168.56.13	Hbase3	Cm Agent、hdfs、hbase
192.168.56.14	Hbase4	Cm Agent、hdfs、hbase

3 创建虚拟机

通过 vagrant+visual box 创建上述 4 个虚拟机

```
E:\wmos\vagrant up

==> vagrant: A new version of Vagrant is available: 2.2.3 (installed version: 2.2.2)?

==> vagrant: To upgrade visit: https://www.vagrantup.com/downloads.html

Bringing machine 'hbase1' up with 'virtualbox' provider...

Bringing machine 'hbase2' up with 'virtualbox' provider...

Bringing machine 'hbase3' up with 'virtualbox' provider...

Bringing machine 'hbase4' up with 'virtualbox' provider...

=> hbase1: Importing base box 'centos?'...

=> hbase1: Matching MAC address for NAT networking...

=> hbase1: Setting the name of the UM: vmos_hbase1_1547863482847_63542

=> hbase1: Vagrant has detected a configuration issue which exposes a

=> hbase1: current guest is configured to use an E1000 NIC type for a

=> hbase1: ensure the guest is trusted to use this configuration or update

=> hbase1: Ensure the guest is trusted to use this configuration or update

=> hbase1: the NIC type using one of the methods below:

=> hbase1: https://www.vagrantup.com/docs/virtualbox/configuration.html#default-nic-type

=> hbase1: https://www.vagrantup.com/docs/virtualbox/networking.html#virtualbox-nic-type

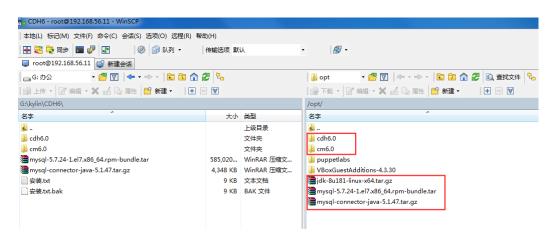
=> hbase1: Clearing any previously set network interfaces...
```

连接到4个终端



4上传软件

将软件需求的软件全部上传至 hbase1 中



5 安装 CDH6

5.1 修改 hosts 文件

范围: hbase1/hbase2/hbase3/hbase4

命令: vi /etc/hosts

127.0.0.1 localhost 192.168.56.11 hbase1 192.168.56.12 hbase2 192.168.56.13 hbase3 192.168.56.14 hbase4

5.2 修改 hostname

范围: hbase1/hbase2/hbase3/hbase4

命令: vi /etc/hostname

hbase1

5.3 SSH 免密登录

5.3.1 创建私钥文件

范围: hbase1/hbase2/hbase3/hbase4

命令如下:

mkdir -p ~/.ssh

chmod 700 -R ~/.ssh

cd ~/.ssh

ssh-keygen -t rsa

```
Servers 7 X Startpage X root@hbase1:~/.ssh X root@hbase2:~/.ssh X root@hbase3:~/.ssh X root@hbase3:~/.ssh X root@hbase3:~/.ssh X root@hbase4:~/.ssh X root@h
```

5.3.2 将私钥文件拷贝至 hbase1

范围: hbase2

命令: scp id_rsa.pub root@hbase1:~/.ssh/id_rsa.pub.hbase2

```
| Startpage X/ mostd/blossi-/sh X/ mostd/bloss
```

范围: hbase3

命令: scp id_rsa.pub root@hbase1:~/.ssh/id_rsa.pub.hbase3

```
Totophases | Part | Arton | Ar
```

范围: hbase4

命令: scp id_rsa.pub root@hbase1:~/.ssh/id_rsa.pub.hbase4

```
Startpoge X | rectificate: | sin X | rectificate: | rectificate:
```

5.3.3 合并秘钥文件

范围: hbase1

命令:

cat id_rsa.pub >> authorized_keys

cat id_rsa.pub.hbase2 >> authorized_keys

cat id_rsa.pub.hbase3 >> authorized_keys

cat id_rsa.pub.hbase4 >> authorized_keys

chmod 600 ~/.ssh/authorized_keys

```
[root@hbase1 .ssh]# cat id_rsa.pub >> authorized_keys
[root@hbase1 .ssh]# cat id_rsa.pub.hbase2 >> authorized_keys
[root@hbase1 .ssh]# cat id_rsa.pub.hbase3 >> authorized_keys
[root@hbase1 .ssh]# cat id_rsa.pub.hbase4 >> authorized_keys
[root@hbase1 .ssh]# chmod 600 ~/.ssh/authorized_keys
[root@hbase1 .ssh]# ll
total 24
-rw------ 1 root root 1572 Jan 19 03:08 authorized_keys
-rw------ 1 root root 1679 Jan 19 02:59 id_rsa
-rw-r--r-- 1 root root 393 Jan 19 02:59 id_rsa.pub
-rw-r--r-- 1 root root 393 Jan 19 03:02 id_rsa.pub.hbase2
-rw-r--r-- 1 root root 393 Jan 19 03:03 id_rsa.pub.hbase3
-rw-r--r-- 1 root root 393 Jan 19 03:03 id_rsa.pub.hbase4
[root@hbase1 .ssh]# []
```

5.3.4 分发公钥文件

范围: hbase1

命令:

scp authorized_keys root@hbase2:~/.ssh/authorized_keys scp authorized_keys root@hbase3:~/.ssh/authorized_keys scp authorized_keys root@hbase4:~/.ssh/authorized_keys

```
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```

5.3.5 验证 ssh 免密登录

范围: hbase1/hbase2/hbase3/hbase4

命令:

ssh hbase1

ssh hbase2

ssh hbase3

ssh hbase4

```
[root@hbasel .ssh]# ssh hbasel

The authenticity of host 'hbasel (192.168.56.11)' can't be established.

ECDSA key fingerprint is 7a:f6:47:lb:a8:04:c8:c6:90:d5:86:48:14:03:d3:64.

Are you sure you want to continue connecting (yes/no)? [yes]

Warning: Permanently added 'hbasel, 192.168.56.11' (ECDSA) to the list of known hosts.

Last logint: Sat Jan 19 02:12:08 2019 from 192.168.56.1

[root@hbasel ~]# exit

logout

Connection to hbasel closed.

[root@hbasel .ssh]# ssh hbase2

Last login: Sat Jan 19 02:12:09 2019 from 192.168.56.1

[root@hbasel ~]# exit

logout

Connection to hbase2 closed.

[root@hbasel .ssh]# ssh hbase3

Last login: Sat Jan 19 02:12:11 2019 from 192.168.56.1

[root@hbasel .ssh]# jsh hbase3

Last login: Sat Jan 19 02:12:12 2019 from 192.168.56.1

[root@hbasel .ssh]# jsh hbase5

Last login: Sat Jan 19 02:12:12 2019 from 192.168.56.1

[root@hbasel .ssh]# jsh hbase5

Last login: Sat Jan 19 02:12:12 2019 from 192.168.56.1

[root@hbasel .ssh]# jsh hbase5

Last login: Sat Jan 19 02:12:12 2019 from 192.168.56.1

[root@hbasel .ssh]# exit

logout

Connection to hbase4 closed.

[root@hbasel .ssh]# exit

logout
```

5.4 集群时钟同步

5.4.1 安装 ntp 包

范围: hbase1/hbase2/hbase3/hbase4

命令: yum install -y ntp

5.4.2 主节点配置

5.4..1 修改配置文件

范围: hbase1

命令: vi /etc/ntp.conf

修改以下内容:

#server 0.rhel.pool.ntp.org iburst

#server 1.rhel.pool.ntp.org iburst

#server 2.rhel.pool.ntp.org iburst

#server 3.rhel.pool.ntp.org iburst

server 127.127.1.0 # local clock

fudge 127.127.1.0 stratum 10

```
| Storpuge X | montphasech-/ssh X | montphasech-/ssh X | montphasech-/ssh X |
| For move information about this Tite, see the man pages
| inposed(s), ant_acc(s), ant_acc(s), ant_acc(s), ant_acc(s), ntp_men(s).
| directile /was/lab/arty/direct
| anti-acc(s), anti-acc(s), anti-acc(s), ant_acc(s), ntp_men(s).
| directile /was/lab/arty/direct
| permit the source to opery or modify the service on this system.
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| permit the source of the loopback interface. This could |
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| directic source of the lo
```

5.4.2.2 启动 ntp 服务

范围: hbase1

命令:

systemctl start ntpd

systemctl enable ntpd

systemctl status ntpd

5.4.2.3 查看当前 ntp 状态

范围: hbase1

命令:ntpq-p

出现*,说明已经开始同步了。

5.4.3 从节点配置

5.4.3.1 修改配置文件

范围: hbase2/hbase3/hbase4

命令: vi /etc/ntp.conf

修改以下内容:

#server 0.rhel.pool.ntp.org iburst

#server 1.rhel.pool.ntp.org iburst

#server 2.rhel.pool.ntp.org iburst

#server 3.rhel.pool.ntp.org iburst

server 192.168.56.11

```
Start page X / root@hbase1:~/.ssh X / root@hbase2:~/.ssh X / root@hbase3:~/.ssh X / root@hbase4:~/.ssh X /
  For more information about this file, see the man pages
 \texttt{ntp.conf}(5)\,,\,\,\texttt{ntp\_acc}(5)\,,\,\,\texttt{ntp\_auth}(5)\,,\,\,\texttt{ntp\_clock}(5)\,,\,\,\texttt{ntp\_misc}(5)\,,\,\,\texttt{ntp\_mon}(5)\,.
driftfile /var/lib/ntp/drift
# Permit time synchronization with our time source, but do not
# permit the source to query or modify the service on this system.
restrict default nomodify notrap nopeer noquery
# Permit all access over the loopback interface. This could
# be tightened as well, but to do so would effect some of
# the administrative functions.
restrict 127.0.0.1
restrict ::1
# Hosts on local network are less restricted.
#restrict 192.168.1.0 mask 255.255.255.0 nomodify notrap
# Use public servers from the pool.ntp.org project.
# Please consider joining the pool (http://www.pool.ntp.org/join.html).
#server 0.centos.pool.ntp.org iburst
server 1.centos.pool.ntp.org iburst
server 2.centos.pool.ntp.org iburst
server 3.centos.pool.ntp.org iburst#
server 192.168.56.11
#broadcast 192.168.1.255 autokey
                                          # broadcast server
                                           # broadcast client
#broadcastclient
#broadcast 224.0.1.1 autokey
                                           # multicast server
#multicastclient 224.0.1.1
                                           # multicast client
                                           # manycast server
#manycastserver 239.255.254.254
#manycastclient 239.255.254.254 autokey # manycast client
```

5.4.3.2 启动 ntp 服务

范围: hbase2/hbase3/hbase4

命令:

systemctl start ntpd

systemctl enable ntpd

systemctl status ntpd

5.4.3.3 查看当前 ntp 状态

范围: hbase2/hbase3/hbase4

命令:ntpq-p

```
root@hbase2 .ssh]# ntpq -p
                      refid
                                  st t when poll reach
    remote
                                                          delay
                                                                  offset
                                                                           jitter
hbase1
                 LOCAL(0)
                                  11 u
                                                          0.548
                                                                  -141.48
                                                                            0.031
[root@hbase3 .ssh]# ntpq -p
    remote
                      refid
                                  st t when poll reach
                                                          delay
                                                                  offset
                                                                           jitter
                LOCAL(0)
                                              64
                                                          0.499
                                                                 -170.95
                                                                            0.000
root@hbase4 .ssh]# ntpq -p
                                                                  offset
                                                                           jitter
    remote
                                  st t when poll reach
                                                          delay
hbase1
                 .INIT.
                                 16 u
                                              64
                                                          0.000
                                                                   0.000
                                                                            0.000
```

出现*,说明已经开始同步了,此时还未出现,请耐心等待几分钟即可,一般 5分钟左右。

5.5 安装 JDK

5.5.1 解压文件

范围: hbase1/hbase2/hbase3/hbase4

命令: tar -xvf jdk-8u181-linux-x64.tar.gz

5.5.2 修改配置文件

范围: hbase1/hbase2/hbase3/hbase4

命令: vi /etc/profile

增加以下内容:

export JAVA_HOME=/opt/jdk1.8.0_181

export PATH=\$PATH:\$JAVA_HOME/bin:\$HADOOP_HOME/bin

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

5.5.3 生效配置

范围: hbase1/hbase2/hbase3/hbase4

命令: source /etc/profile

5.5.4 验证 jdk

范围: hbase1/hbase2/hbase3/hbase4

命令: java -version

```
[root@hbase1 opt]# java -version
java version "1.8.0_181"
Java(TM) SE Runtime Environment (build 1.8.0_181-b13)
Java HotSpot(TM) 64-Bit Server VM (build 25.181-b13, mixed mode)
```

5.6 配置 jdbc 驱动

范围: hbase1/hbase2/hbase3/hbase4

命令:

tar -xvf mysql-connector-java-5.1.47.tar.gz

mkdir -p /usr/share/java/

mv /opt/mysql-connector-java-5.1.47/mysql-connector-java-5.1.47.jar /usr/share/java/

cd /usr/share/java

chmod 777 mysql-connector-java-5.1.47.jar

In -s mysql-connector-java-5.1.47.jar mysql-connector-java.jar

5.7 安装 httpd 服务

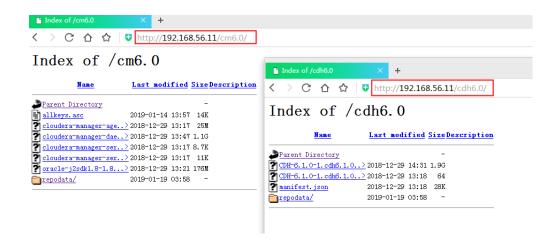
5.7.1 安装 httpd 包

范围: hbase1

命令:

yum -y install httpd createrepo mv cm6.0/ cdh6.0/ /var/www/html/ cd /var/www/html/cm6.0/ createrepo ./ cd /var/www/html/cdh6.0/ createrepo ./

5.7.2 测试 httpd 服务



5.7.3 配置 repo

范围: hbase1/hbase2/hbase3/hbase4

命令: vi /etc/yum.repos.d/cm.repo

增加以下内容:

[cmrepo]

name = cm_repo

baseurl = http://192.168.56.11/cm6.0

enable = true

gpgcheck = false

5.7.4 查看仓库

范围: hbase1/hbase2/hbase3/hbase4

命令: yum repolist

```
[root@hbase1 cdh6.0] # vi /etc/yum.repos.d/cm.repo
[root@hbase1 cdh6.0] # yum repolist
Loaded plugins: fastestmirror
cmrepo
cmrepo/primary_db
Loading mirror speeds from cached hostfile

* base: mirrors.aliyun.com

* expel: mirrors.una.tsinghua.edu.cn

* extras: mirrors.aliyun.com

repo id
base/7/x86_64

cmrepo
cmrepo
cmrepo
cmrepo
cmrepo
dextras/7/x86_64

extras/7/x86_64

cunds-7/x86_64

cunds-7
```

5.8 安装 oracle-JDK

范围: hbase1/hbase2/hbase3/hbase4

命令: yum -y install oracle-j2sdk1.8-1.8.0+update141-1.x86_64



5.9 设置 swap

范围: hbase1/hbase2/hbase3/hbase4

命令: echo "vm.swappiness=10" >> /etc/sysctl.conf

5.10 设置透明大页面

范围: hbase1/hbase2/hbase3/hbase4

命令:

echo never > /sys/kernel/mm/transparent_hugepage/defrag
echo never > /sys/kernel/mm/transparent_hugepage/enabled

5.11 安装 mysql

5.11.1 卸载 mariadb

范围: hbase1

命令:

rpm -qa|grep mariadb

rpm -e --nodeps mariadb-libs-5.5.44-2.el7.centos.x86_64

5.11.2 下载 mysql 源安装包

范围: hbase1

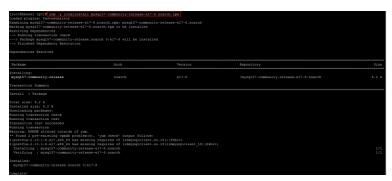
命令: wget http://dev.mysql.com/get/mysql57-community-release-el7-8.noarch.rpm

```
| Compared and Com
```

5.11.3 安装 mysql 源

范围: hbase1

命令: yum -y localinstall mysql57-community-release-el7-8.noarch.rpm



5.11.4 安装 MySQL

范围: hbase1

命令: yum -y install mysql-community-server

5.11.5 启动 MySQL 服务

范围: hbase1

命令: systemctl start mysqld

5.11.6 查看初始化密码

范围: hbase1

命令: grep 'temporary password' /var/log/mysqld.log

```
[root@hbase1 opt]# systemctl start mysqld
[root@hbase1 opt]# grep 'temporary password' /var/log/mysqld.log
2019-01-19T04:45:39.848509Z 1 [Note] A temporary password is generated for root@localhost: 0ix%dTq%mYrL
```

5.11.7 设置 mysql 数据库

范围: hbase1

```
命令:
```

```
mysql -u root -p
set global validate_password_policy=0;
set global validate_password_mixed_case_count=0;
set global validate_password_number_count=3;
set global validate_password_special_char_count=0;
set global validate_password_length=3;
set password for 'root'@'localhost'=password('hive');
GRANT ALL PRIVILEGES ON *.* TO root@'%' IDENTIFIED BY 'hive' WITH GRANT OPTION;
SHOW VARIABLES LIKE 'validate_password%';
create database cm DEFAULT CHARSET utf8 COLLATE utf8_general_ci;
create database hive DEFAULT CHARSET utf8 COLLATE utf8_general_ci;
create database amon DEFAULT CHARSET utf8 COLLATE utf8_general_ci;
create database rman DEFAULT CHARSET utf8 COLLATE utf8_general_ci;
```

[root@hbasel opt] | mysql -u root -p Inter password: | Nelcome to the MySQL monitor. Commands end with ; or \g. | Your MySQL connection id is 2 | Nerver version: 5.7.24 | Copyright (c) 2000, 2018, Oracle and/or its affiliates. All righ

Dracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective

Type 'help;' or '\h' for help. Type '\c' to clear the current input states
mysql> set global validate password_policy=0;
Query OK, 0 rows affected (0.00 sec)

mysql> set global validate password mixed case count=0;
Query OK, 0 rows affected (0.00 sec)

mysql> set global validate password_number_count=3;
Query OK, 0 rows affected (0.00 sec)

mysql> set global validate_password_special_char_count=0;
Query ok, 0 rows affected (0.00 sec)

mysql> set global validate_password_length=3;
Query OK, 0 rows affected (0.00 sec)

mysql> set password for 'root@'localhost'=password('hive');
Query OK, 0 rows affected, 1 warning (0.00 sec)

mysql> GRANT ALL PRIVILEGES ON *.* TO root@'%' IDENTIFIED BY 'hive' WITH GRANT OPTION;
Query OK, 0 rows affected, 1 warning (0.00 sec)

mysql> SHOW VARIABLES LIKE 'validate password%';

mysql> create database cm DEFAULT CHARSET utf8 COLLATE utf8_general_ci;
Query OK, 1 row affected (0.00 sec)

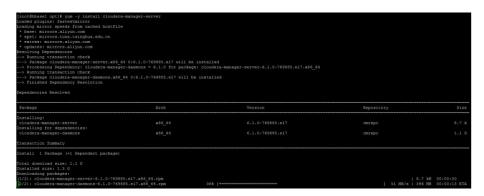
mysql> create database hive DEFAULT CHARSET utf8 COLLATE utf8_general_ci;
Query OK, 1 row affected (0.00 sec)

mysql> create database amon DEFAULT CHARSET utf8 COLLATE utf8_general_ci;
Query OK, 1 row affected (0.01 sec)

5.12 安装 Cloudera Manager

范围: hbase1

命令: yum -y install cloudera-manager-server



5.13 初始化数据库

范围: hbase1

命令:

/opt/cloudera/cm/schema/scm_prepare_database.sh mysql cm root hive

```
[goot@hbasel opt] / [opt/cloudera/cm/schema/scm_prepare_database.sh mysql cm root hive

JAVA_NAME=/opt/jdk1.5.0_[31]

GAVA_NAME=/opt/jdk1.5.0_[31]

Foreifiging the service of /stc/cloudera-servesements recorded to the service of se
```

5.14 启动 Cloudera Manager Server

范围: hbase1

命令:

systemctl start cloudera-scm-server systemctl status cloudera-scm-server

```
[root@hbasel opt]# systemotl start cloudera-scm-server
[root@hbasel opt]# systemotl start cloudera-scm-server
[root@hbasel opt]# systemotl status cloudera-scm-server.service; enabled; vendor preset: disabled)
Active: active (running) since Sat 2019-01-19 0418-1812 0871, 6s ago
Main PID: 19385 (gava)

Main PID: 19385 (gava)
[Stystem.slice|cloudera-scm-server.service service.

L19385 (vars/java/spid.l.0.141-cloudera/bin/java -cp .:/usr/share/java/mysql-connector-java.jar:/usr/share/java/oracle-connector-java.jar:/usr/share/java/postgresql-..

San 19 04:58:52 bhasel systemod[1]: Started Cloudera CM Server Service.

Jan 19 04:58:52 bhasel systemod[1]: Starting Cloudera CM Server Service.

Jan 19 04:58:53 bhasel meserver(13835]: JAVA MOME-Vars/sava/datl.8.0.141-cloudera

Jan 19 04:58:53 bhasel meserver(13835]: JAVA MOME-Vars/sava/sdatl.8.0.141-cloudera

Jan 19 04:58:53 bhasel meserver(13835]: JAVA MOME-Vars/sava/sdatl.8.0.141-cloudera

Jan 19 04:58:55 bhasel meserver(13835]: JAVA MOME-Vars/sava/sdatl.8.0.141-cloudera
```

5.15 检查端口是否监听

范围: hbase1

命令: netstat -Inpt | grep 7180

启动的过程需要一段时间,大约2分钟左右,请耐心等待。。。

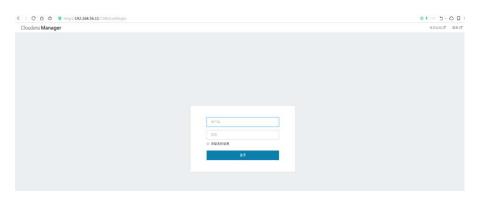


5.16 访问 Cloudera Manager Server

5.16.1 登录到 CM

访问 http://192.168.56.11:7180/cmf/login,

默认用户名/密码为:admin/admin



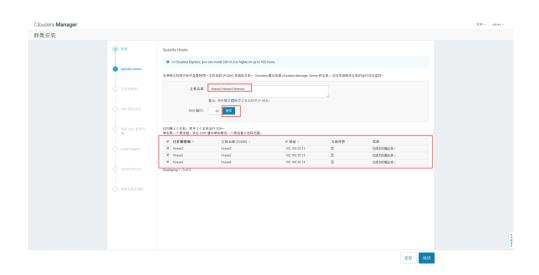
接下来,一路next



这里我们选择 "Cloudera Express"

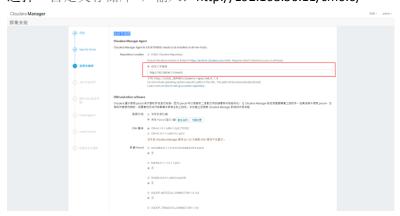


5.16.2 添加主机

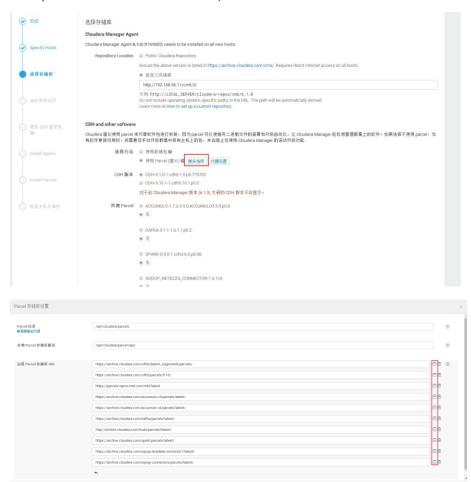


5.16.3 设置存储库

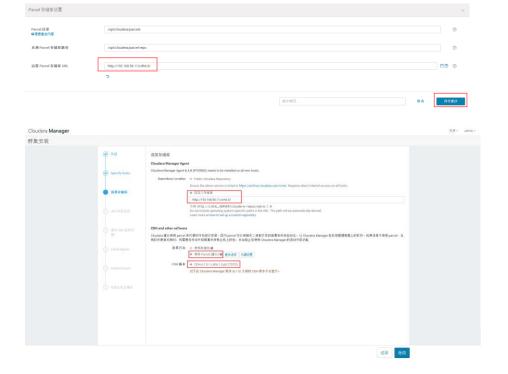
选择"自定义存储库",输入: http://192.168.56.11/cm6.0/



使用 parcel 选择,点击"更多选项",点击"-"删除其它所有地址,

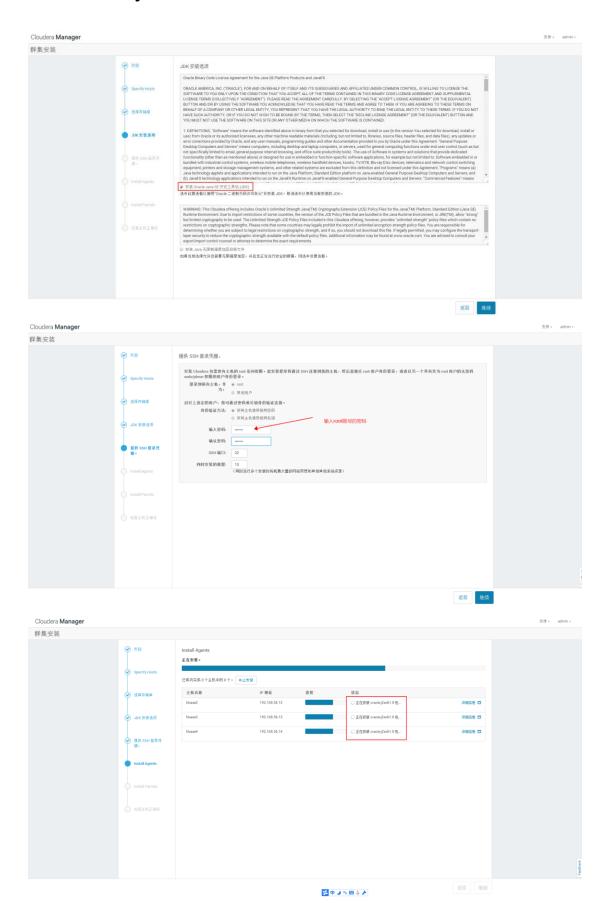


输入 http://192.168.56.11/cdh6.0/, 点击"保存更改"

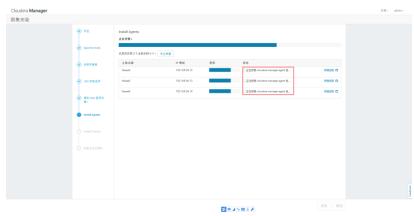


但存更改

5.16.4 安装 jdk

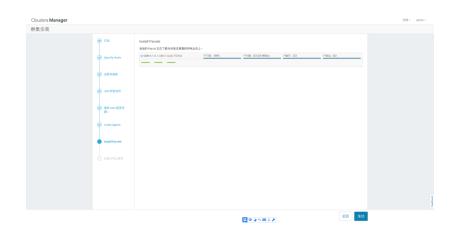


5.16.5 安装 Install Agents

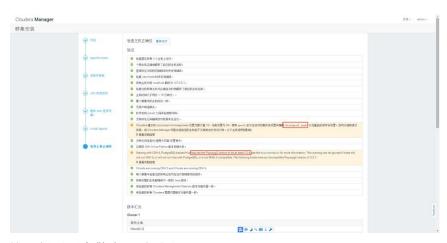


此步的时间会长一些

5.16.6 分配\解压\激活



5.16.7 检查主机正确性



这里报了两个警告, 需要处理一下。

1) 处理 swappiness

Cloudera 建议将 / proc/sys/vm/swappiness 设置为最大值 10。当前设置为 30。使用 syset1 命令在运行时更改该设置并编辑 / etc/syset1.conf,以在重启后保存该设置。您可以继续进行安装,但 Cloudera Manager 可能会报告您的主机由于交换而运行状况不良。以下主机将受到影响:

 > 查看详细信息

范围: hbase2/hbase3/hbase4

命令: echo 0 > /proc/sys/vm/swappiness

运行上述命令后,点击:"重新运行",已解决。



2) 升级 Psycopg2

Starting with CDH 6, PostgreSQL-backed Hue requires the Psycopg2 version to be at least 2.5.4, see the documentation for more information. This warning can be ignored if hosts will not run CDH 6, or will not run Hue with PostgreSQL, or is not RHEL 6 compatible. The following hosts have an incompatible Psycopg2 version of '2.5.1':
 * 查看详细信息***

范围: hbase2/hbase3/hbase4

命令:

yum -y install python-devel mysql-devel zlib-devel openssl-devel gcc-c++ postgresql-devel* cd /opt

wget https://pypi.python.org/packages/source/p/psycopg2/psycopg2-2.5.4.tar.gz tar zxvf psycopg2-2.5.4.tar.gz

cd psycopg2-2.5.4

python setup.py build

python setup.py install

byte-compiling /usr/lib64/python2.7/site-packages/psycopg2/tests/test_cursor.py to test_cursor.pyc byte-compiling /usr/lib64/python2.7/site-packages/psycopg2/tests/test_connection.py to test_connection byte-compiling /usr/lib64/python2.7/site-packages/psycopg2/tests/test_notify.py to test_notify.pyc byte-compiling /usr/lib64/python2.7/site-packages/psycopg2/tests/test_bugX000.py to test_bugX000.pyc running install_egg_info
Writing /usr/lib64/python2.7/site-packages/psycopg2-2.5.4-py2.7.egg-info
[root@hbase2 psycopg2-2.5.4]# [

运行上述命令后,点击:"重新运行",已解决。

ìŒ	
0	检查器在所有 3 个主机上运行。
	个别主机正确地解析了自己的主机名称。
	查询存在:中突的初始制本时未发现横误。
	检查 /etc/hosts 时来发现错误。
	所有主机均将 localhost 解析为 127.0.0.1。
	The second secon
0	主机时转几乎同步(10 分钟内)。
0	整个群集中的主机时区一致。
0	无用户或組缺失。
0	软件包和 parcel 之间未检测到中突。
0	没有存在已知錯误的内核版本在运行。
0	所有主机上的 /proc/sys/vm/swappiness 都来发现问题。
0	没有任何性能与"透明大页面"设置有关。
0	已满足 CDH 5 Hue Python 版本依赖关系。
0	Hue Psycopg2 version for PostgreSQL is satisfied for both CDH 5 and CDH 6.
0	0 hosts are running CDH 5 and 3 hosts are running CDH 6.
0	每个群集中检查过的所有主机均在运行相同版本的组件。
0	所有托管的主机都拥有不一数的Java版本。
0	所检查的所有 Cloudera Management Daemon 版本与服务器—致。
0	所检查的所有 Cloudera 管理代理版本与服务器一致。

5.16.8 选择服务

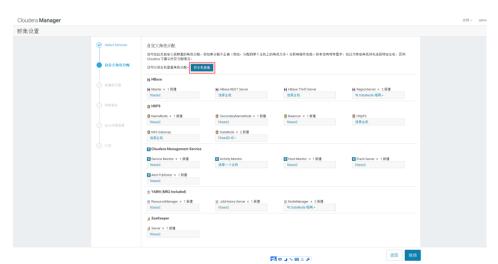


我选择了"自定义服务"



也可以在以后需要的时候, 再添加服务。

5.16.9 自定义角色分配



为了更加均衡的分配资源,我们"按主机查看"一下角色分配的具体情况



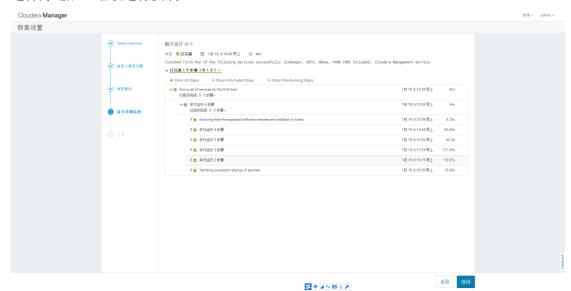
尤其要注意 zookeeper 的选择,至少3个以上



Hbase2 的角色比较多,再选择角色的时候,尽量分散开,选择完之后的角色分配情况。



选择好之后,继续进行安装



至此,CDH6.1.0 已经成功安装成功了,点击"完成",主界面就出现了。

