**Prerequisites:**-

--------------ON ALL NODES-------------

echo "echo never > /sys/kernel/mm/redhat\_transparent\_hugepage/enabled" >> /etc/rc.local

echo "echo never > /sys/kernel/mm/redhat\_transparent\_hugepage/defrag" >> /etc/rc.local

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

chkconfig iptables off

chkconfig ip6tables off

sed -i 's/SELINUX=enforcing/SELINUX=disabled/' /etc/selinux/config

yum -y install ntp

chkconfig ntpd on

reboot

-------------ON SERVER----------------------

yum -y install httpd

chkconfig httpd on

reboot

service httpd status

archive.cloudera.com/cm5/ ->just for check

repo-as-tar->5.12.0

http://archive.cloudera.com/cm5/repo-as-tarball/5.12.0/cm5.12.0-centos6.tar.gz

yum -y install wget

wget http://archive.cloudera.com/cm5/repo-as-tarball/5.12.0/cm5.12.0-centos6.tar.gz

tar xzvf cm5.12.0-centos6.tar.gz -C /var/www/html/

cm public ip:/cm -> just for check

---------------------ON ALL NODES--------------------------

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

[cloudera-manager]

name=cloudera-manager

baseurl=http://54.70.183.230/cm/5.12.0/

gpgcheck=0

yum clean all

yum makecache

-------------------------------------------------

yum list all | grep cloudera

repos.d]#yum -y install cloudera-manager-agent.x86\_64 cloudera-manager-daemons.x86\_64 oracle-j2sdk1.7.x86\_64 cloudera-manager-server.x86\_64 (on master)

repos.d]#yum -y install cloudera-manager-agent.x86\_64 cloudera-manager-daemons.x86\_64 oracle-j2sdk1.7.x86\_64 (on all datanodes)

repos.d]#ls /usr/java/jdk1.7.0\_67-cloudera (on master)

236-root]#vi /etc/default/cloudera-scm-server

export JAVA\_HOME=/usr/java/jdk1.7.0\_67-cloudera (edit the file)

236-root]#yum -y install mysql-server mysql-connector-java

236-root]#chkconfig mysqld on

236-root]#service mysqld status

236-root]#service mysqld start

----bydefault there is no passwd for mysql-----

236-root]#mysql -u root

mysql>exit

236-root]#/usr/bin/mysql\_secure\_installation (set the my sql passwd=>5:00 time)

236-root]#mysql -u root -p

password:

----------------creat a temp user on db----------------

mysql>create user 'temp'@'%' identified by 'temp' ;

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

mysql>exit

------------------set external DB for CM---------------------

Note-before this command there is not too much data base. u can check

root-236#mysql -u root -passwd

>show databases;

root-236#/usr/share/cmf/schema/scm\_prepare\_database.sh mysql -h <hostname-f IP> -utemp -ptemp --scm-host <hostname-f IP> scm scm scm

root-236#mysql -u root -p just for check -scm database created

mysql>show databases;

scm

mysql>use scm;

mysql>show tables; there is no tables

root-236#vi /etc/cloudera-scm-agent/config.ini (on all the nodes)

server\_host=<hostname-f IP>

service cloudera-scm-agent start (on all the nodes)

chkconfig cloudera-scm-agent on (on all the nodes)

chkconfig cloudera-scm-server on (on cm node)

(chkconifg-> whenever service reboot it come up atuo)

service cloudera-scm-server start (on cm node)

mysql>use scm;

mysql>show tables; tables all created

Now u can access cm thou web(public ip)

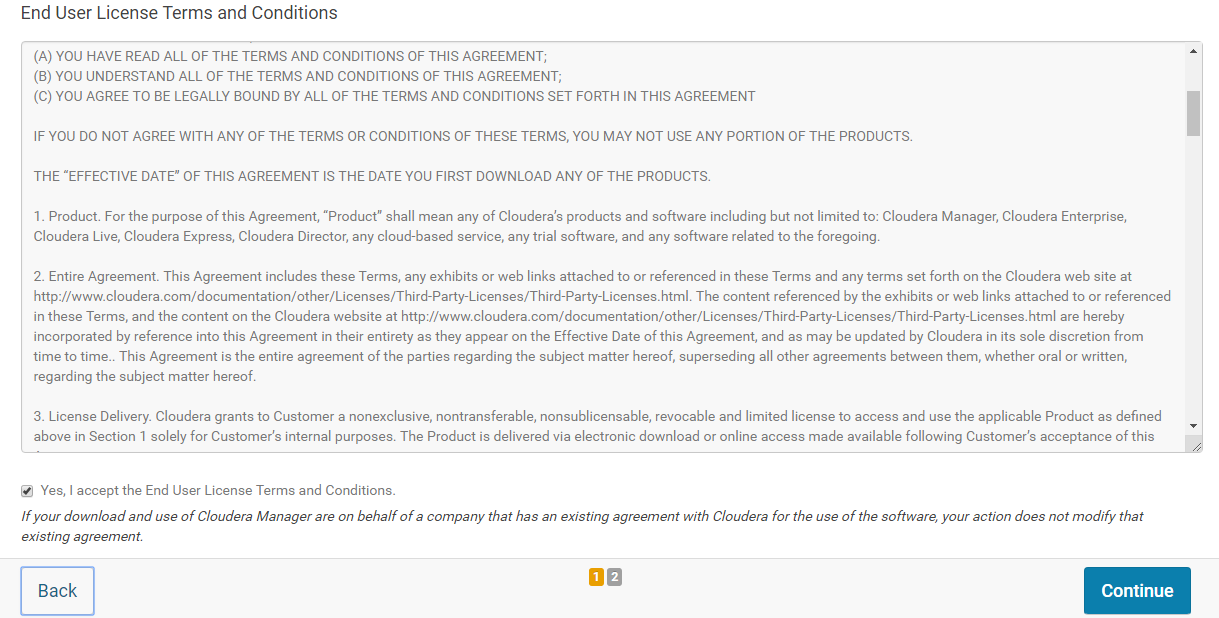
for troubleshooting purpose->

service cloudera-scm-server status -> u can check

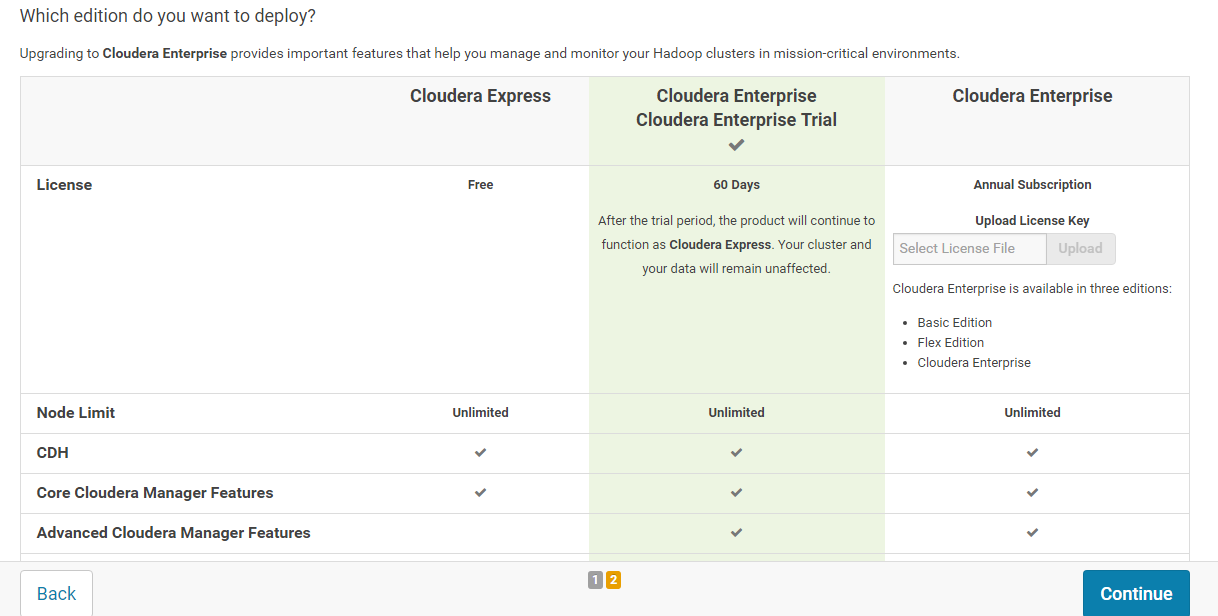
telnet localhost 7180

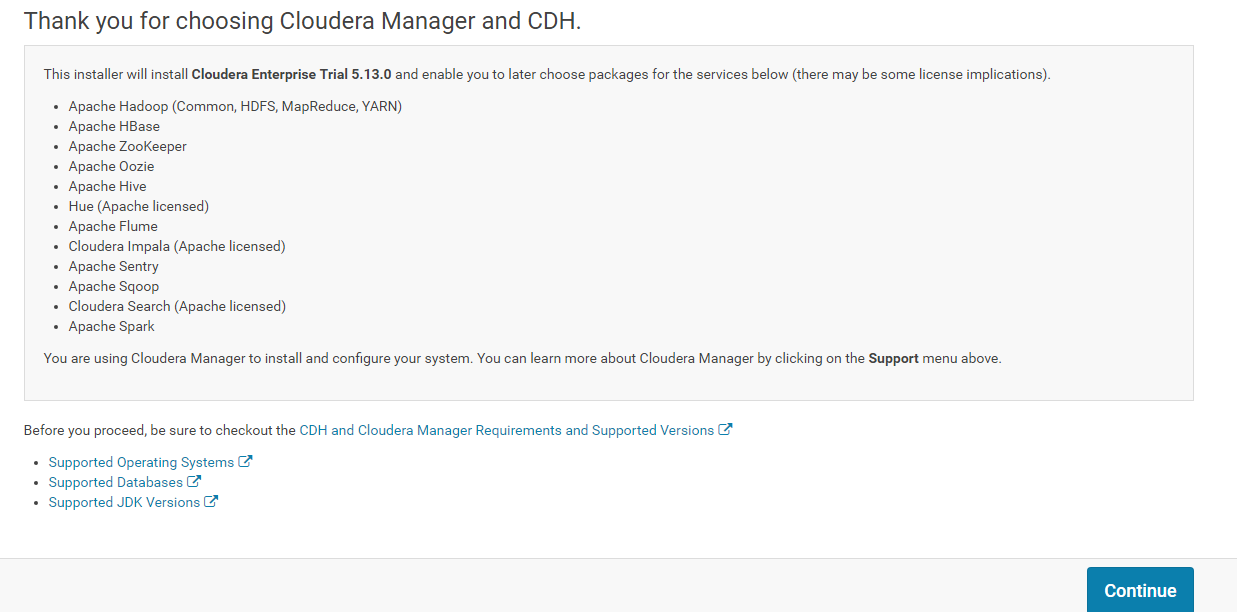
yum -y install telnet

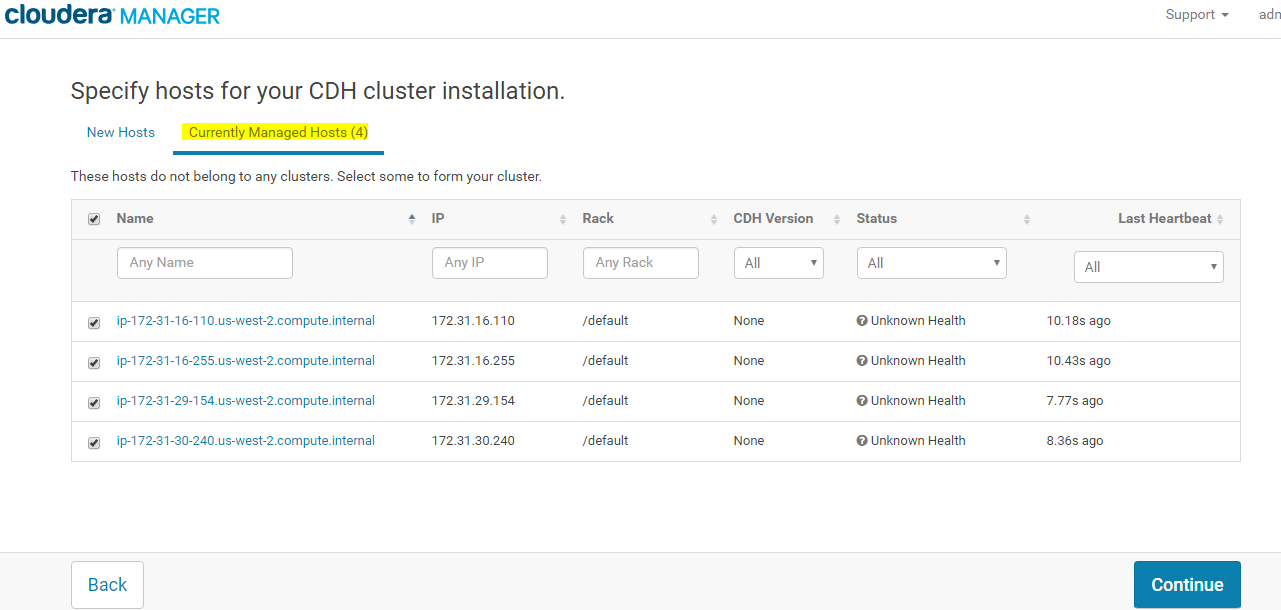
-------------------------login into CM----------------------



For enterprise- select **license file**







root-236# cd /var/www/html/

root-236html#mkdir parcels

cd parcels

mkdir cdh5.12.0

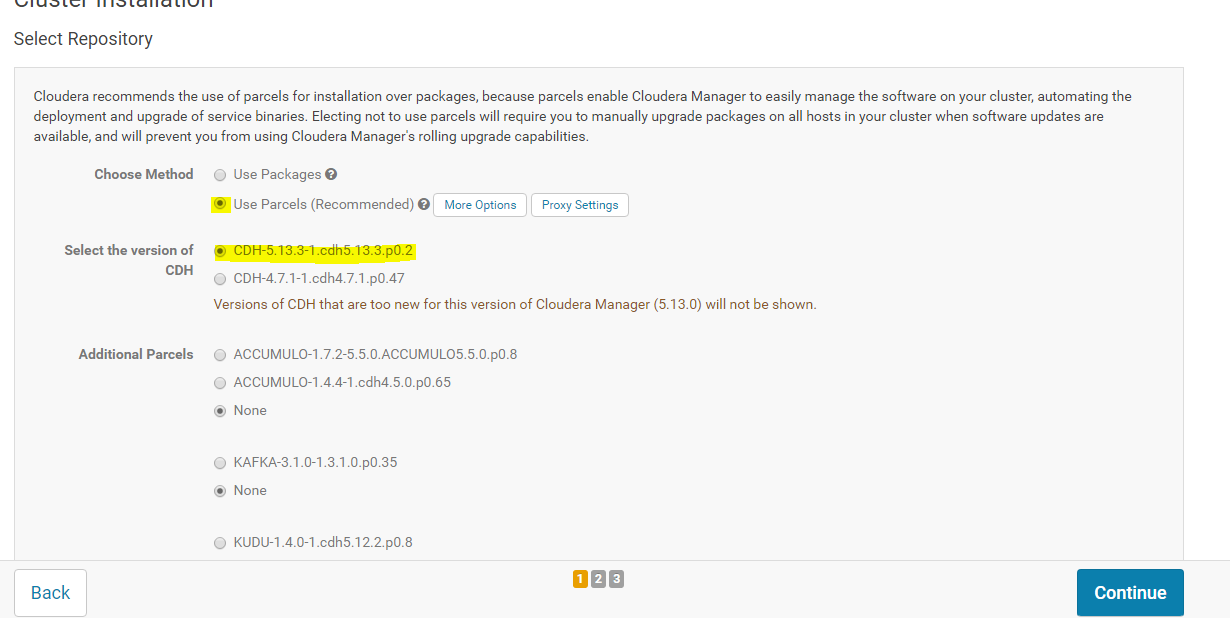
cd cdh5.12.0

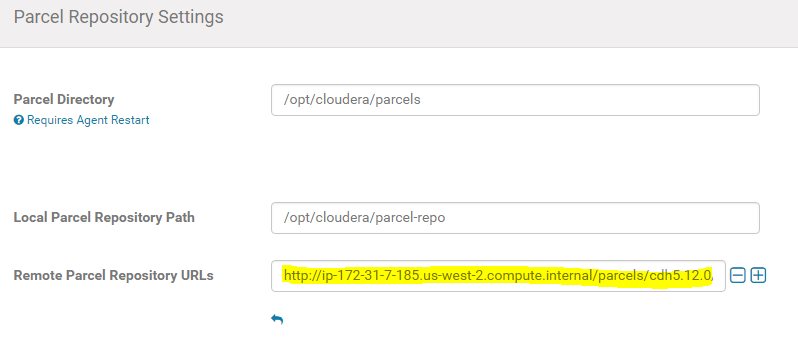
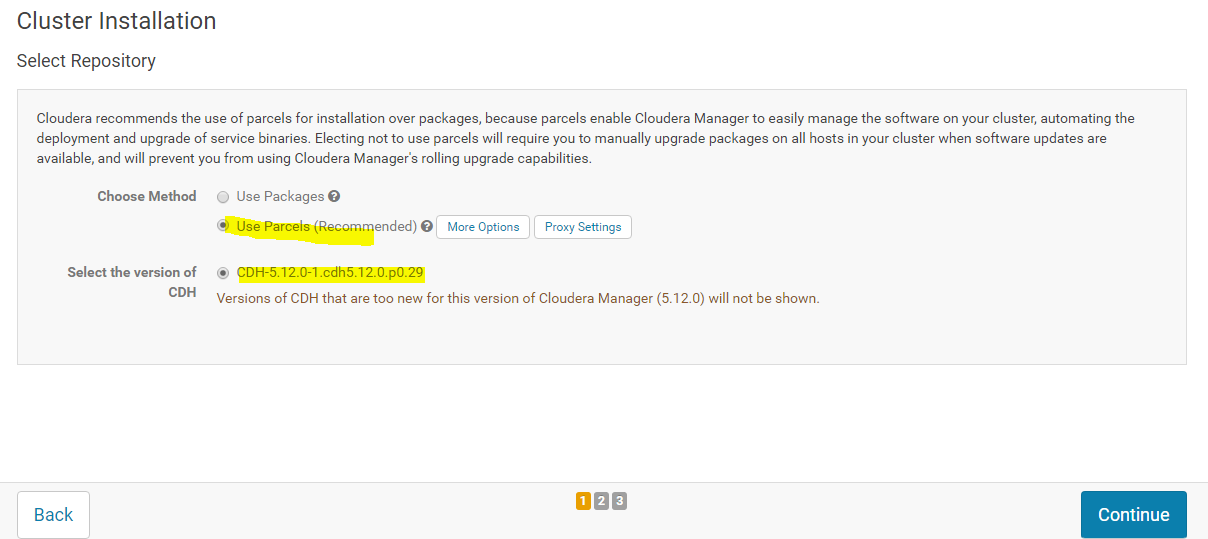
cdh5.12.0#wget http://archive.cloudera.com/cdh5/parcels/5.12.0/CDH-5.12.0-1.cdh5.12.0.p0.29-el6.parcel

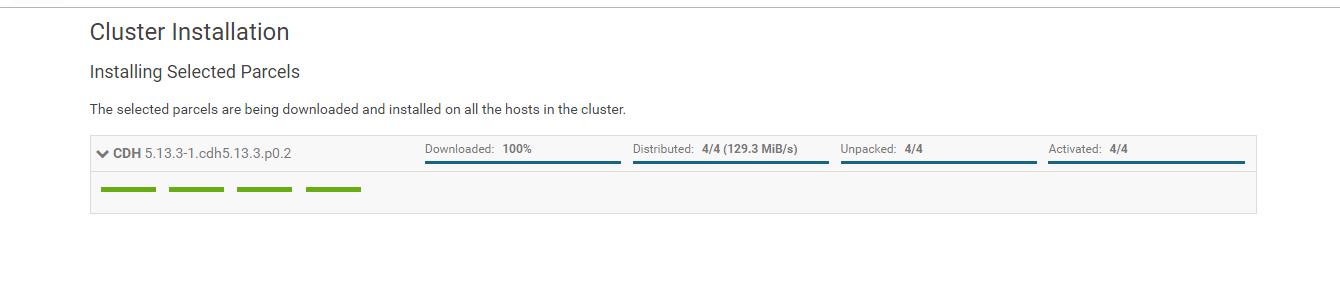
cdh5.12.0#wget <http://archive.cloudera.com/cdh5/parcels/5.12.0/manifest.json>

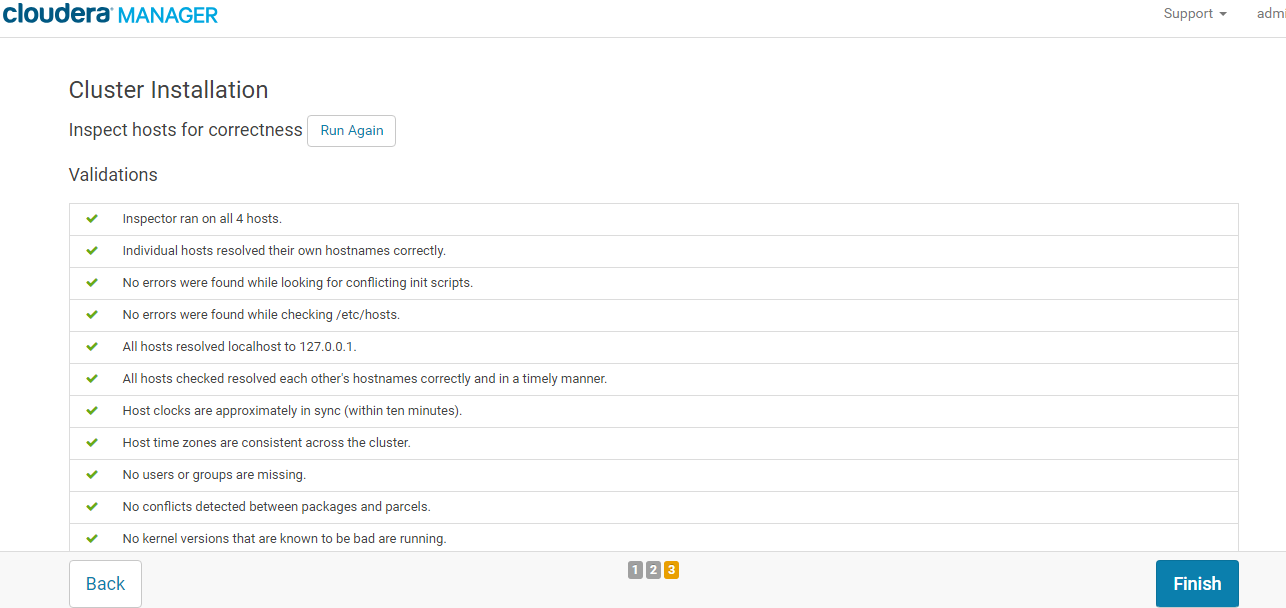
Local Parcel Repository Path ->/opt/cloudera/parcel-repo

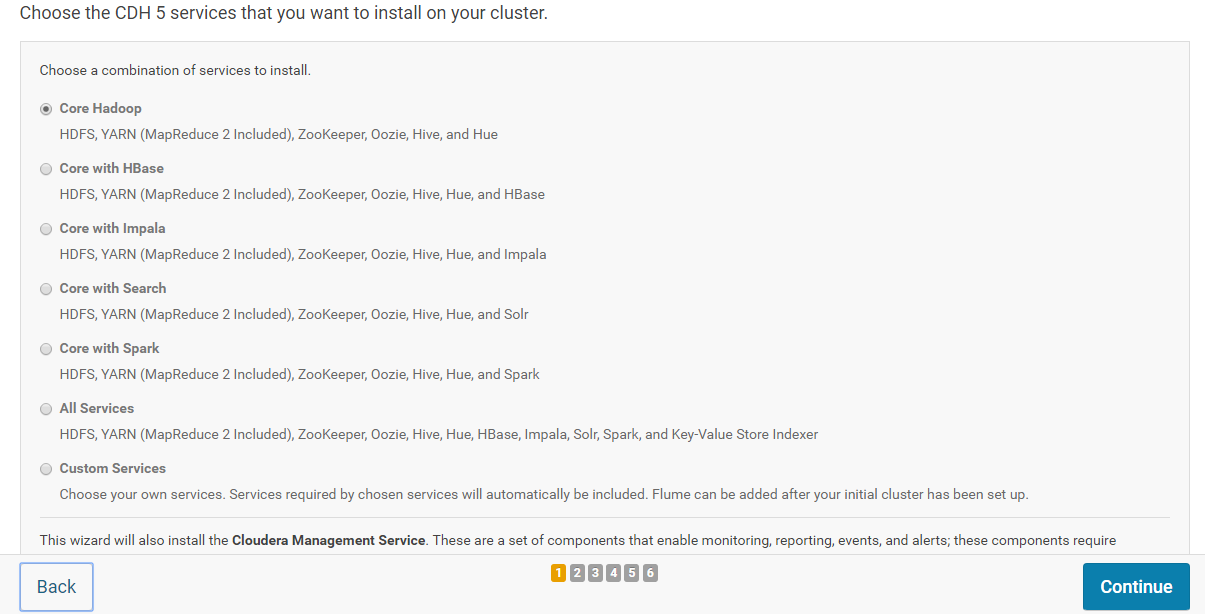
**Remote Parcel Repository URLs->**http://ip-172-31-17-70.us-west-2.compute.internal/parcels/cdh5.12.0/

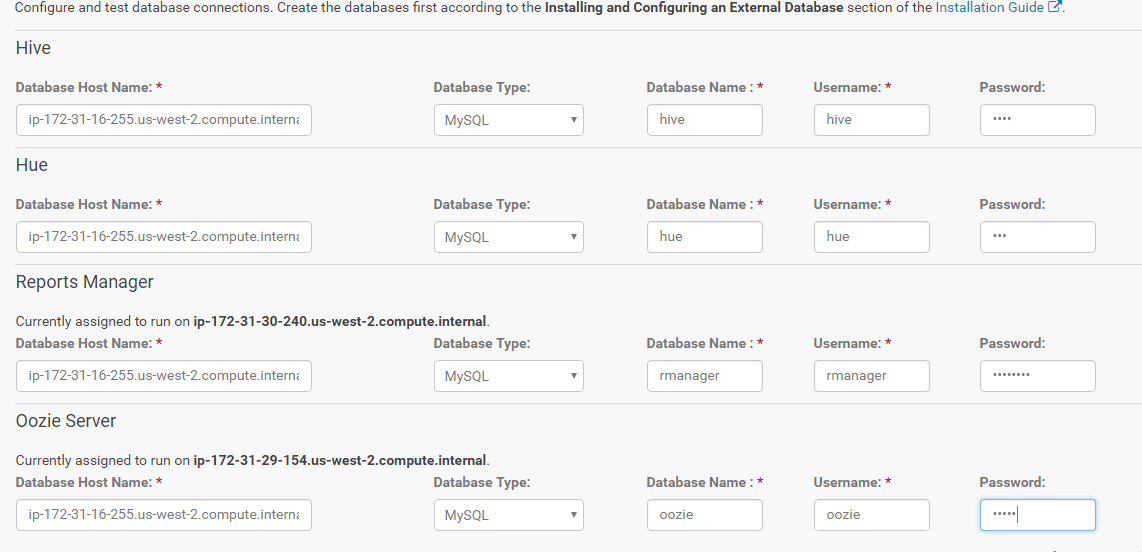








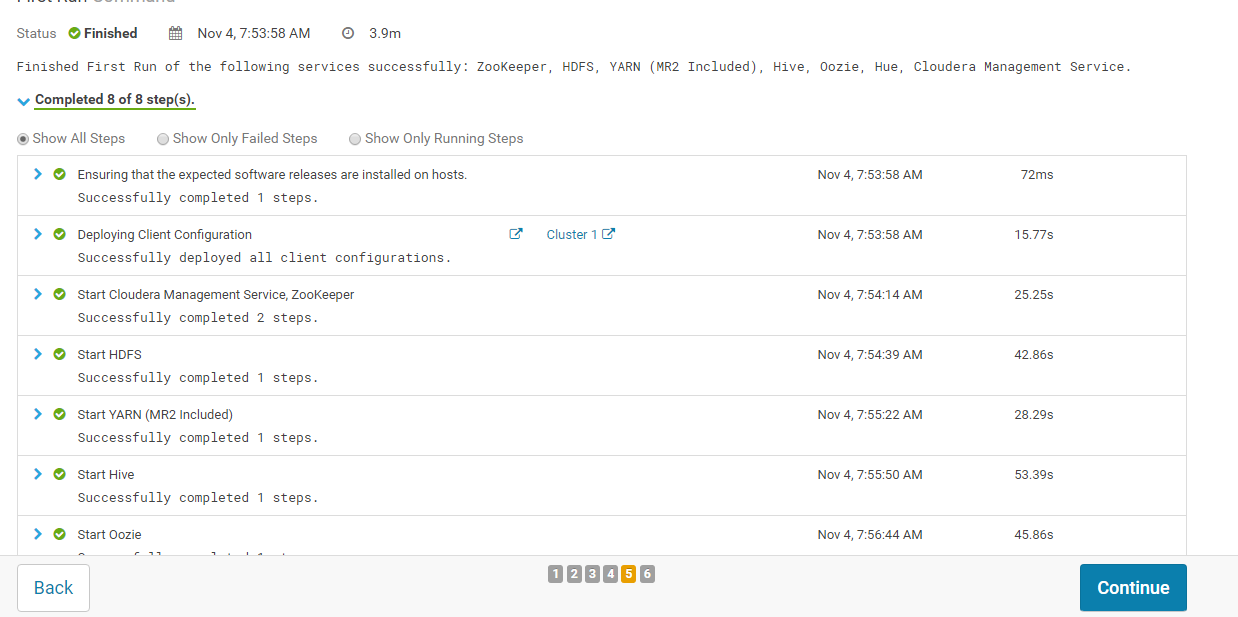


mysql -u root -p

create database oozie ;

create user 'oozie'@'%' identified by 'oozie' ;

grant all privileges on oozie.\* to 'oozie'@'%' ;



root-236# cd /var/www/html/

root-236html#mkdir parcels

cd parcels

mkdir cdh5.12.0

cd cdh5.12.0

**cdh5.12.0]#**wget http://archive.cloudera.com/cdh5/parcels/5.12.0/CDH-5.12.0-1.cdh5.12.0.p0.29-el6.parcel

**cdh5.12.0]#**wget http://archive.cloudera.com/cdh5/parcels/5.12.0/manifest.json

http://ip-172-31-16-120.us-west-2.compute.internal/parcels/cdh5.12.0/

**Make sure on which node you are install db for cloudera mgmt. service roles.**

[root@ip-172-31-18-53 ~]# chkconfig mysqld on

[root@ip-172-31-18-53 ~]# service mysqld start

[root@ip-172-31-18-53 ~]# /usr/bin/mysql\_secure\_installation

mysql -u root -p

create database rmanager ;

create user 'rmanager'@'%' identified by 'password' ;

grant all privileges on rmanager.\* to 'rmanager'@'%' ;

mysql> flush privileges ;

create database oozie ;

create user 'oozie'@'%' identified by 'oozie' ;

grant all privileges on oozie.\* to 'oozie'@'%' ;

mysql> flush privileges ;

create database rmanager ;

create user 'rmanager'@'%' identified by 'rmanager' ;

grant all privileges on rmanager.\* to 'rmanager'@'%' ;

mysql> flush privileges ;

create database hue ;

create user 'hue'@'%' identified by 'hue' ;

grant all privileges on hue.\* to 'hue'@'%' ;

mysql> flush privileges ;

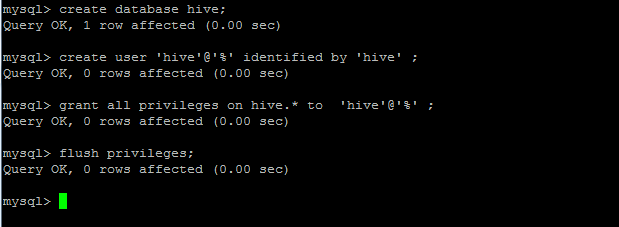
create database hive ;

create user 'hive'@'%' identified by 'hive' ;

grant all privileges on hive.\* to 'hive'@'%' ;

mysql> flush privileges ;

Creation of hive database manually.



------------------------------------------------------------------------------=--------------------------------------------------------

CM manual installation with some changes.

--------------ON ALL NODES-------------

echo "echo never > /sys/kernel/mm/redhat\_transparent\_hugepage/enabled" >> /etc/rc.local

echo "echo never > /sys/kernel/mm/redhat\_transparent\_hugepage/defrag" >> /etc/rc.local

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

chkconfig iptables off

chkconfig ip6tables off

sed -i 's/SELINUX=enforcing/SELINUX=disabled/' /etc/selinux/config

yum -y install ntp

chkconfig ntpd on

reboot

-------------ON SERVER----------------------

yum -y install httpd

chkconfig httpd on

reboot

service httpd status

archive.cloudera.com/cm5/ ->just for check

repo-as-tar->5.12.0

http://archive.cloudera.com/cm5/repo-as-tarball/5.12.0/cm5.12.0-centos6.tar.gz

yum -y install wget

wget http://archive.cloudera.com/cm5/repo-as-tarball/5.12.0/cm5.12.0-centos6.tar.gz

tar xzvf cm5.12.0-centos6.tar.gz -C /var/www/html/

cm public ip:/cm -> just for check

---------------------ON ALL NODES--------------------------

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

[cloudera-manager]

name=cloudera-manager

baseurl=http://54.70.183.230/cm/5.12.0/

gpgcheck=0

yum clean all

yum makecache

-------------------------------------------------

yum list all | grep cloudera

repos.d]#yum -y install cloudera-manager-agent.x86\_64 cloudera-manager-daemons.x86\_64 oracle-j2sdk1.7.x86\_64 cloudera-manager-server.x86\_64 (on master)

repos.d]#yum -y install cloudera-manager-agent.x86\_64 cloudera-manager-daemons.x86\_64 oracle-j2sdk1.7.x86\_64 (on all nodes)

repos.d]#ls /usr/java/jdk1.7.0\_67-cloudera (on master)

236-root]#vi /etc/default/cloudera-scm-server

export JAVA\_HOME=/usr/java/jdk1.7.0\_67-cloudera (edit the file)

236-root]#yum -y install mysql-server mysql-connector-java

236-root]#chkconfig mysqld on

236-root]#service mysqld status

236-root]#service mysqld start

----bydefault there is no passwd for mysql-----

236-root]#mysql -u root

mysql>exit

236-root]#/usr/bin/mysql\_secure\_installation (Y,N,Y,Y) (set the my sql passwd=>5:00 time)

236-root]#mysql -u root -p

password:

----------------creat a temp user on db----------------

mysql>create user 'temp'@'%' identified by 'temp' ;

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

mysql>exit

------------------set external DB for CM---------------------

Note-before this command there is not too much data base. u can check

root-236#mysql -u root -p

>show databases;

root-236#/usr/share/cmf/schema/scm\_prepare\_database.sh mysql -h <hostname-f IP> -utemp -ptemp --scm-host <hostname-f IP> scm scm scm

root-236#mysql -u root -p just for check -scm database created

mysql>show databases;

scm

mysql>use scm;

mysql>show tables; there is no tables

root-236#vi /etc/cloudera-scm-agent/config.ini (on all the nodes)

server\_host=<hostname-f IP>

service cloudera-scm-agent start (on all the nodes)

chkconfig cloudera-scm-agent on (on all the nodes)

chkconfig cloudera-scm-server on on cm node (chkconifg-> whenever service reboot it come up atuo)

service cloudera-scm-server start on cm node

mysql>use scm;

mysql>show tables; tables all created

NOw u can access cm thou web(public ip)

for troubleshooting purpose->

service cloudera-scm-server status -> u can check

telnet localhost 7180

yum -y instal telnet

-------------------------login into CM web ui (54.201.139.113:7180)---------------------

root-236# cd /var/www/html/

root-236html#mkdir parcels

cd parcels

mkdir cdh5.12.0

cd cdh5.12.0

cdh5.12.0#wget http://archive.cloudera.com/cdh5/parcels/5.12.0/CDH-5.12.0-1.cdh5.12.0.p0.29-el6.parcel

cdh5.12.0#wget http://archive.cloudera.com/cdh5/parcels/5.12.0/manifest.json

http://ip-172-31-24-211.us-west-2.compute.internal/parcels/cdh5.12.0/

236-root]#yum -y install mysql-server mysql-connector-java

236-root]#chkconfig mysqld on

236-root]#service mysqld status

236-root]#service mysqld start

change mysql paasword-

[root@ip-172-31-18-53 ~]# /usr/bin/mysql\_secure\_installation

(y,n,y,y)

mysql -u root -p

create database rmanager ;

create user 'rmanager'@'%' identified by 'password' ;

grant all privileges on rmanager.\* to 'rmanager'@'%' ;

mysql> flush privileges ;

**Sceenshot after successfully configure.**

