**********Cloudera Installation**********

Before Installation Stop firewall and SELinux.

Change Hostname
#hostnamectl set-hostname master
# Disable SELINUX
# vim /etc/selinux/config
SELINUX=disabled
:wq
savefile
#getenforce
#init 6
Disable Firewall

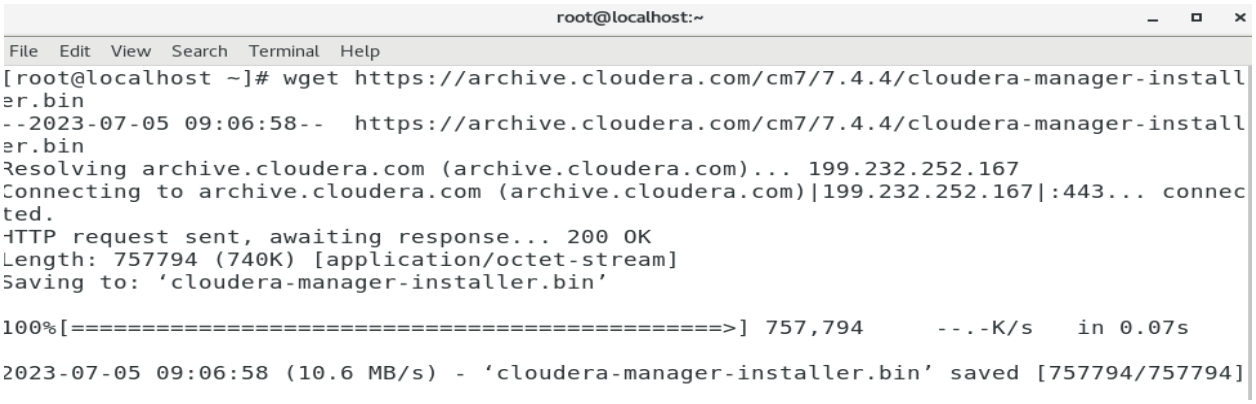
#systemctl stop firewalld.service
#systemctl disable firewalld.service
#systemctl status firewalld.service

/* Cloudera Installation Use below command on master node. */

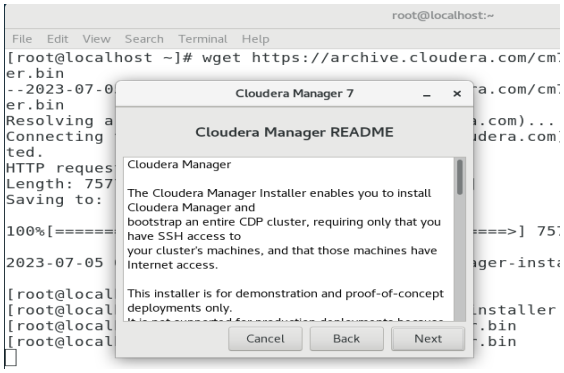
wget https://archive.cloudera.com/cm7/7.4.4/cloudera-manager-installer.bin

chmod u+x cloudera-manager-installer.bin

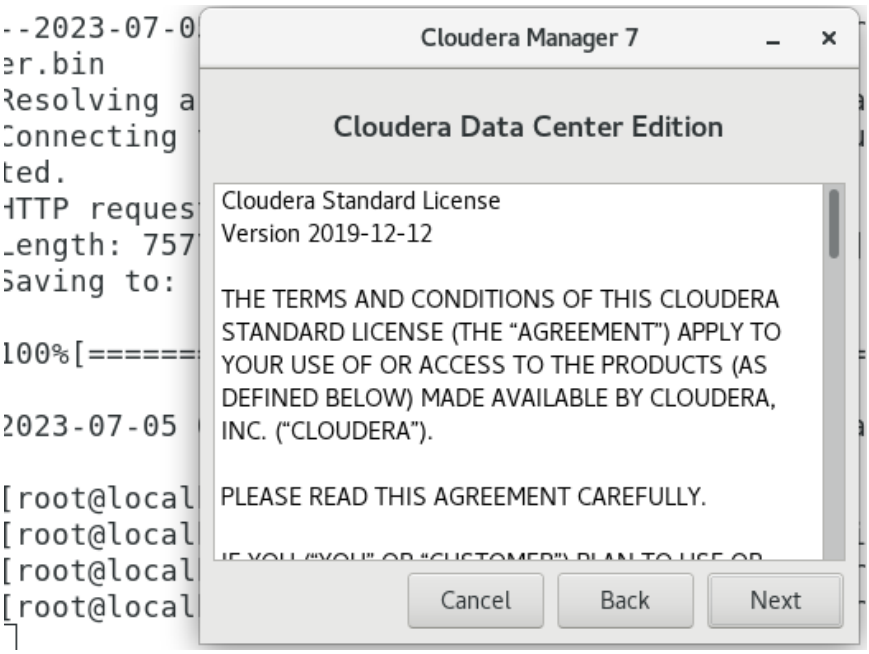
sudo ./cloudera-manager-installer.bin



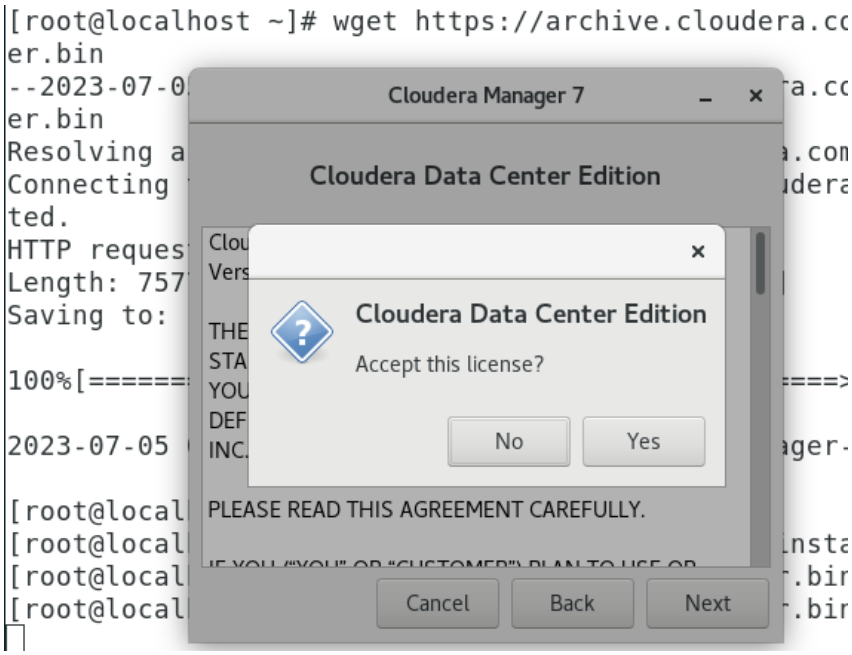
After popup this window Click On Next.



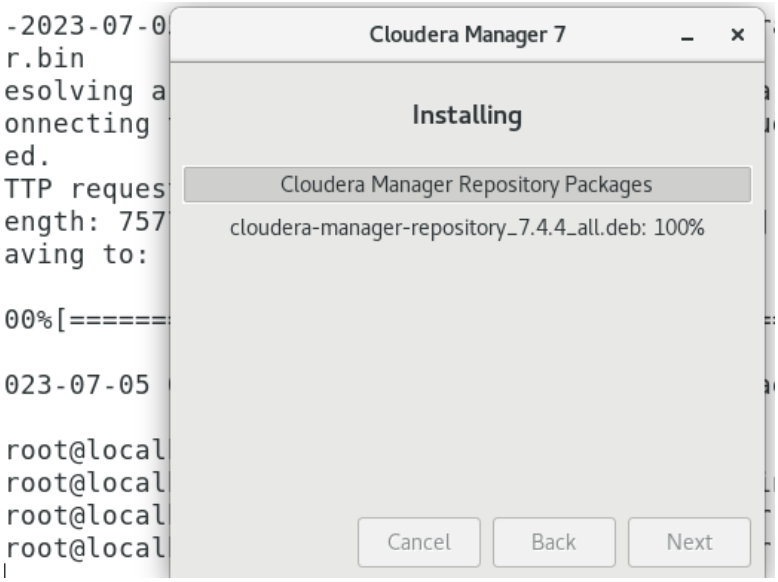
Then Click Next.



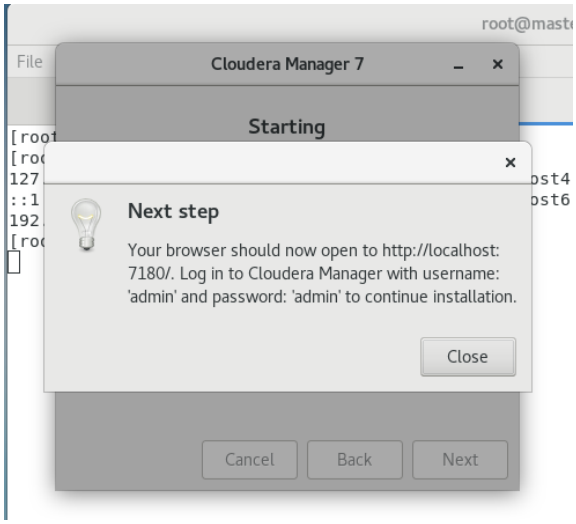
Then Accept Licenses. Click on yes.



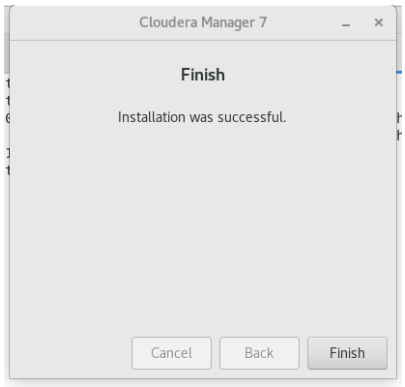
Installation process going on.



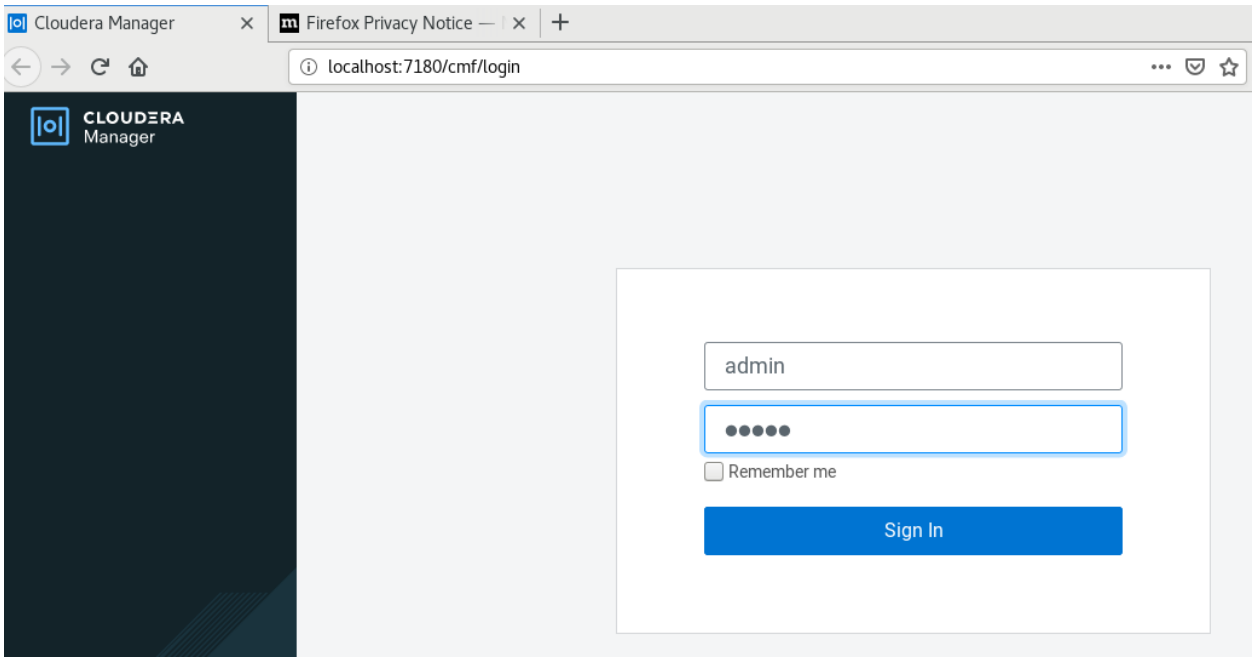
After that click on Close.



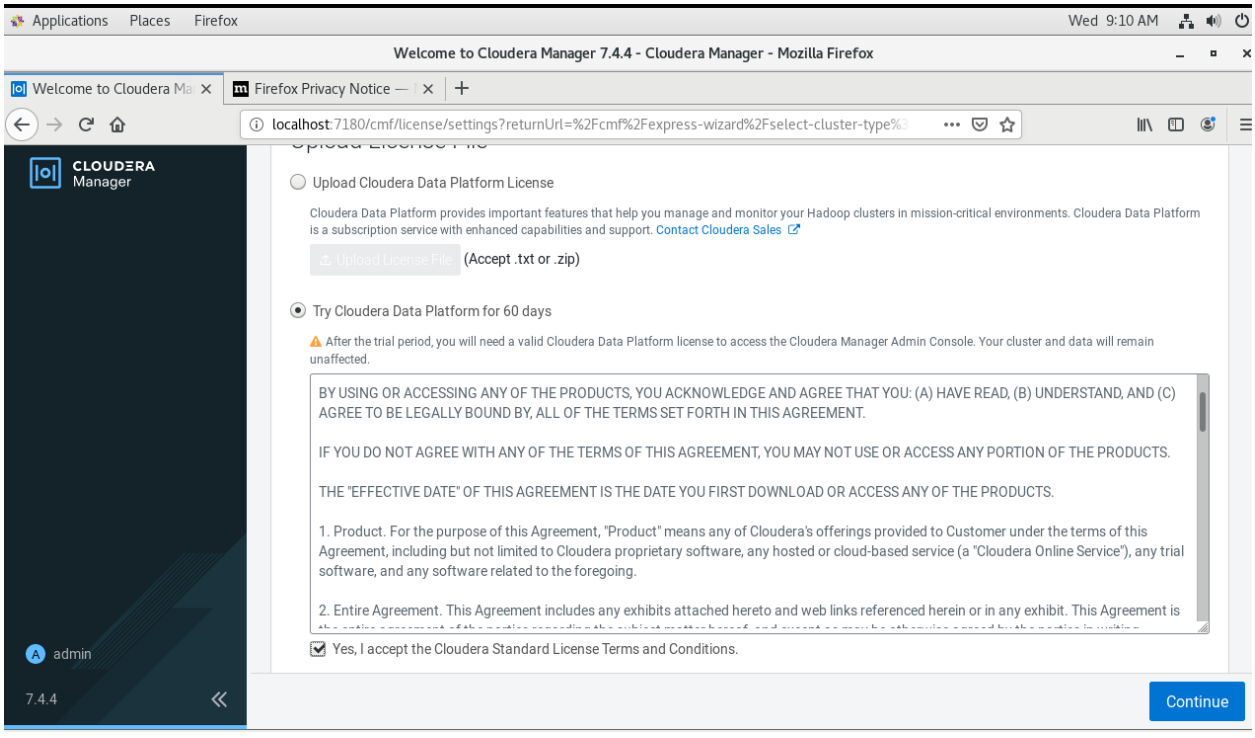
Then click On Finish.



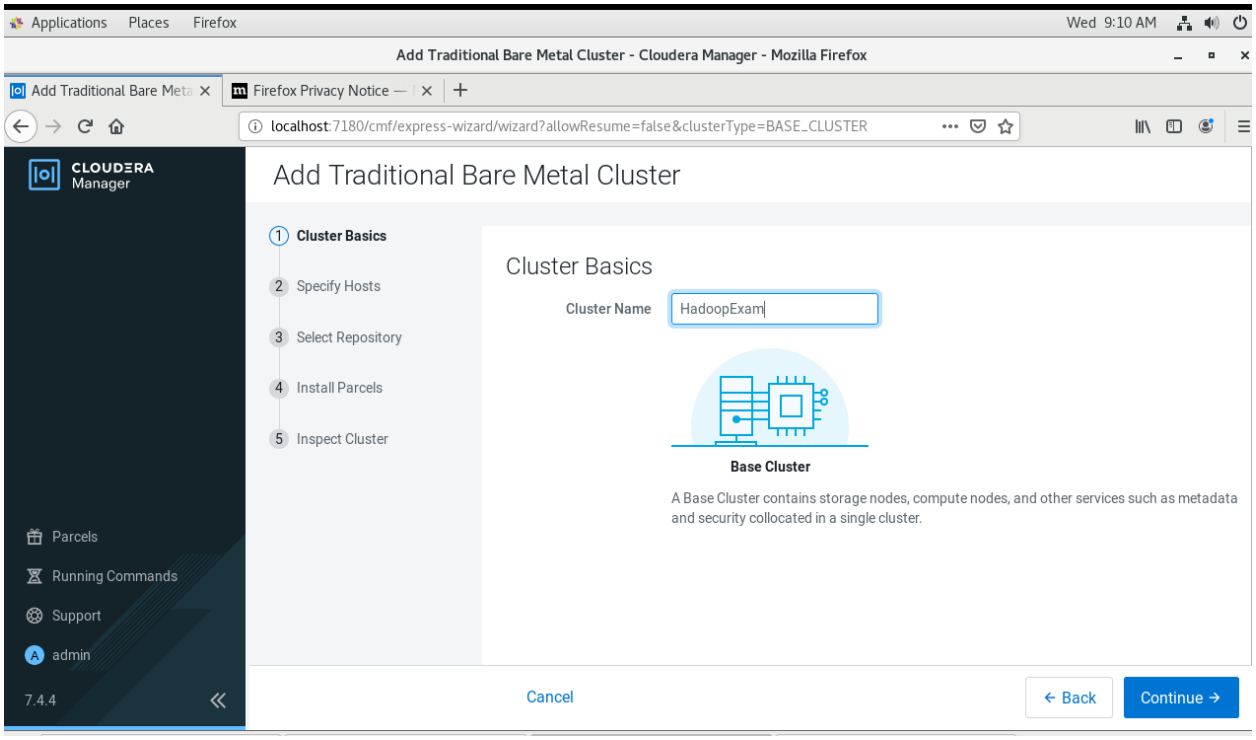
After opening Cloudera portal put there user: - admin and password :admin



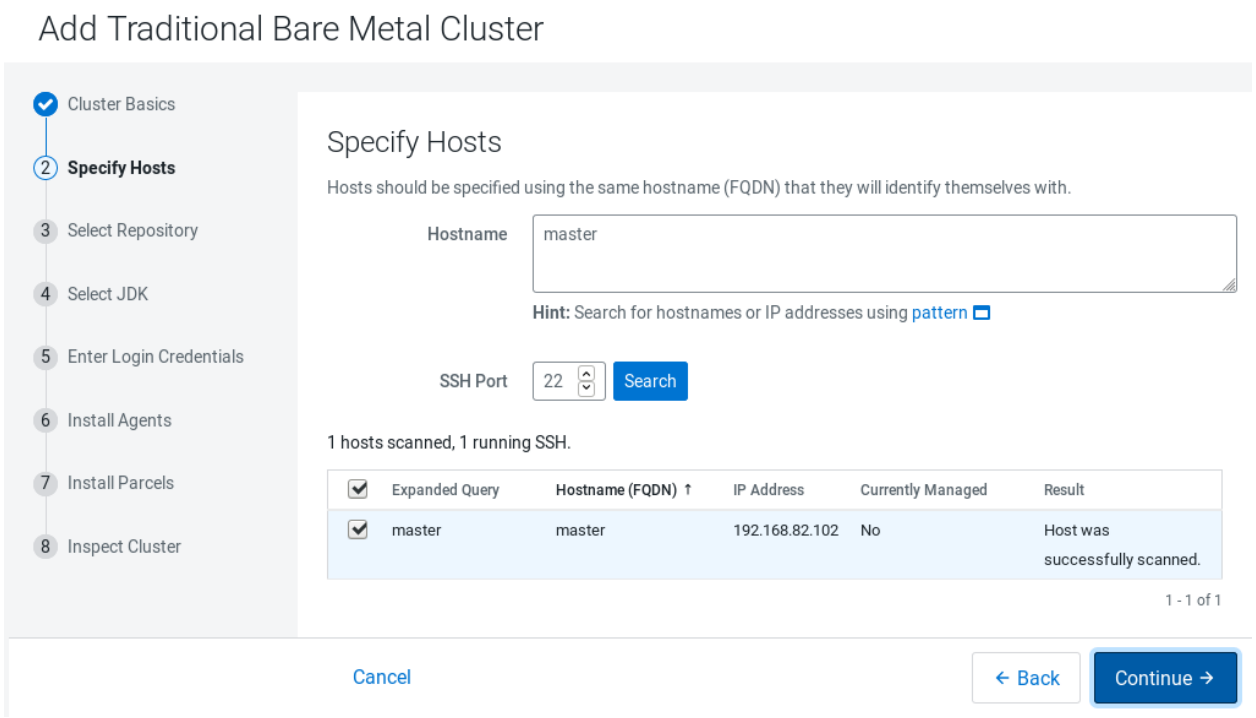
Then sign in and then select try cloudera data and Continue



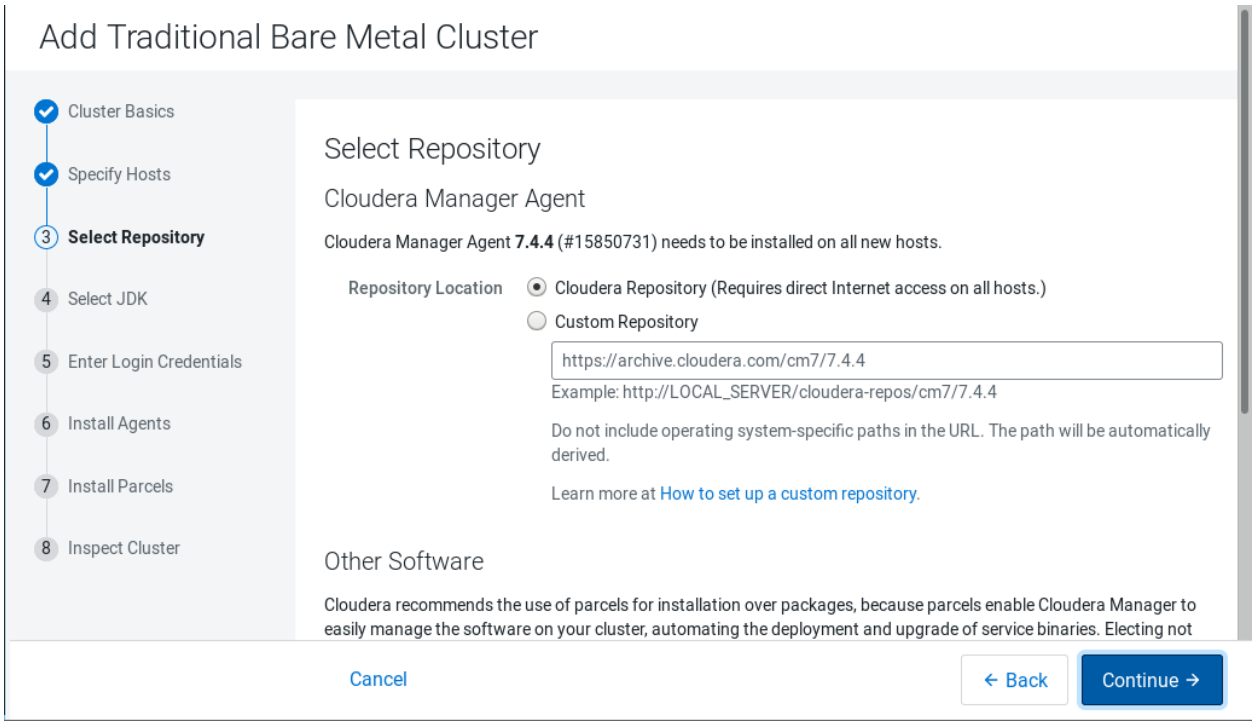
Then continue and write there cluster name:-HadoopExam



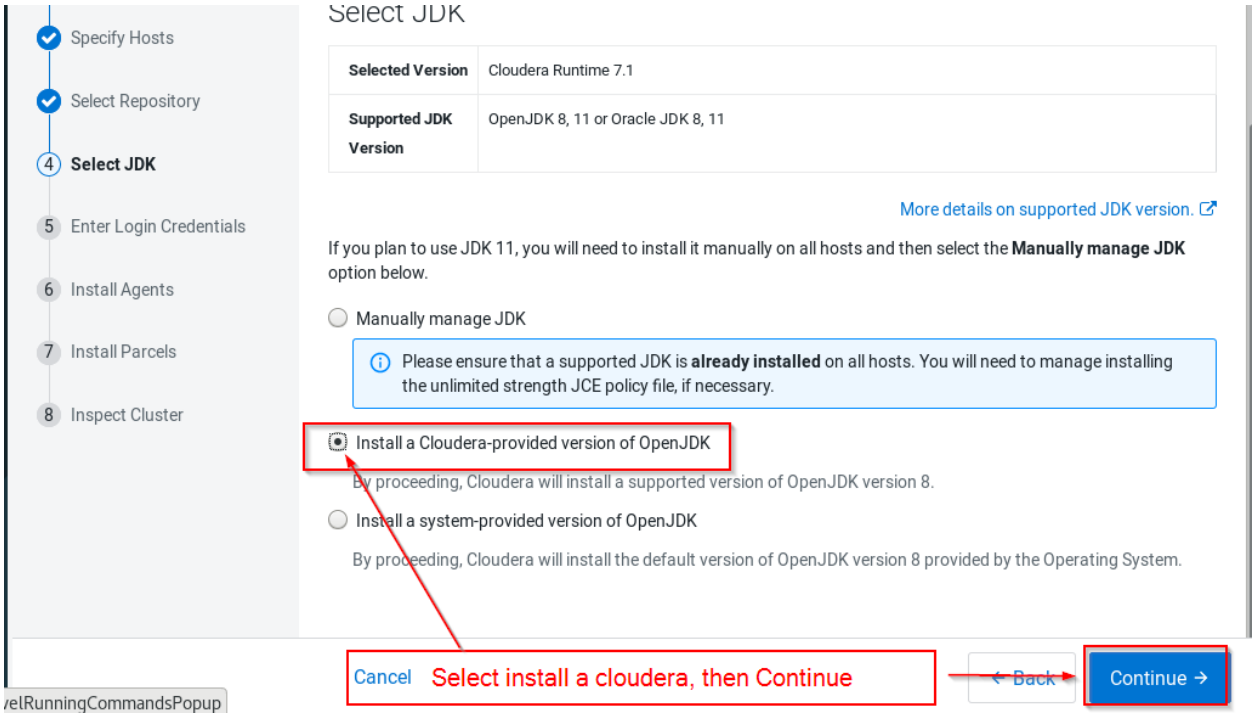
Then continue and put there machine name and click search, select master and continue.



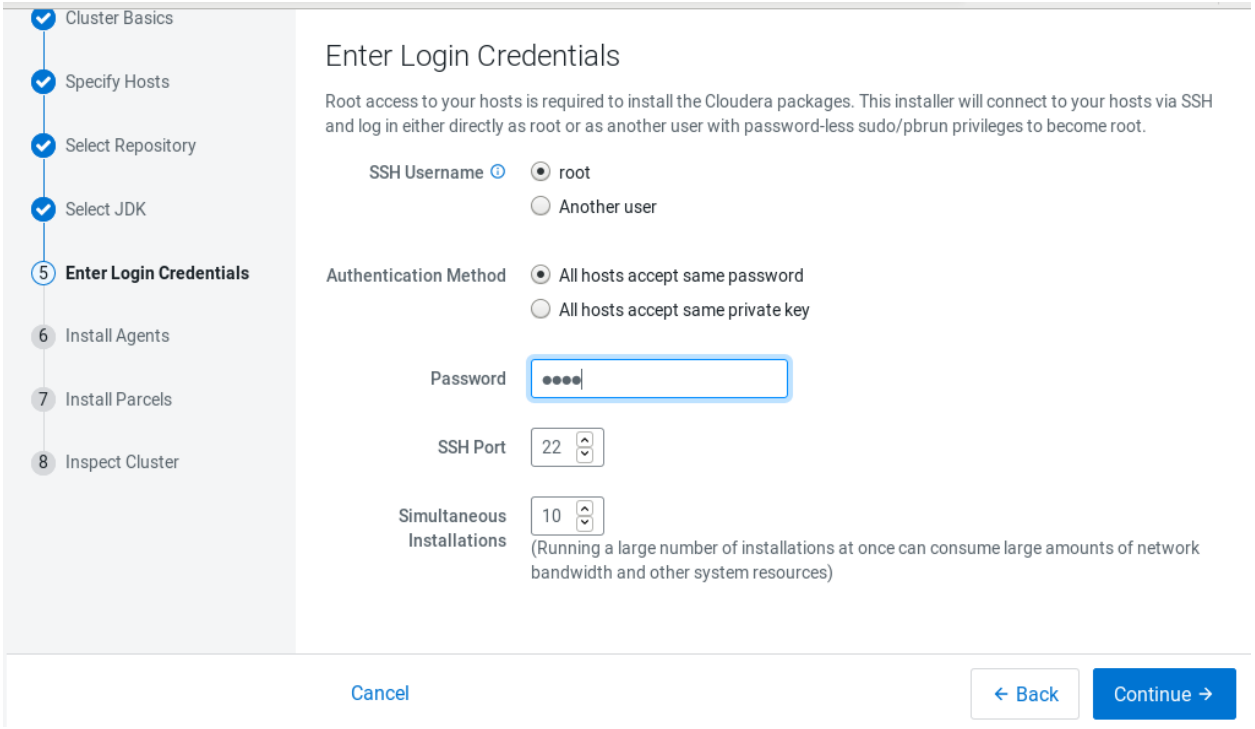
Again continue.



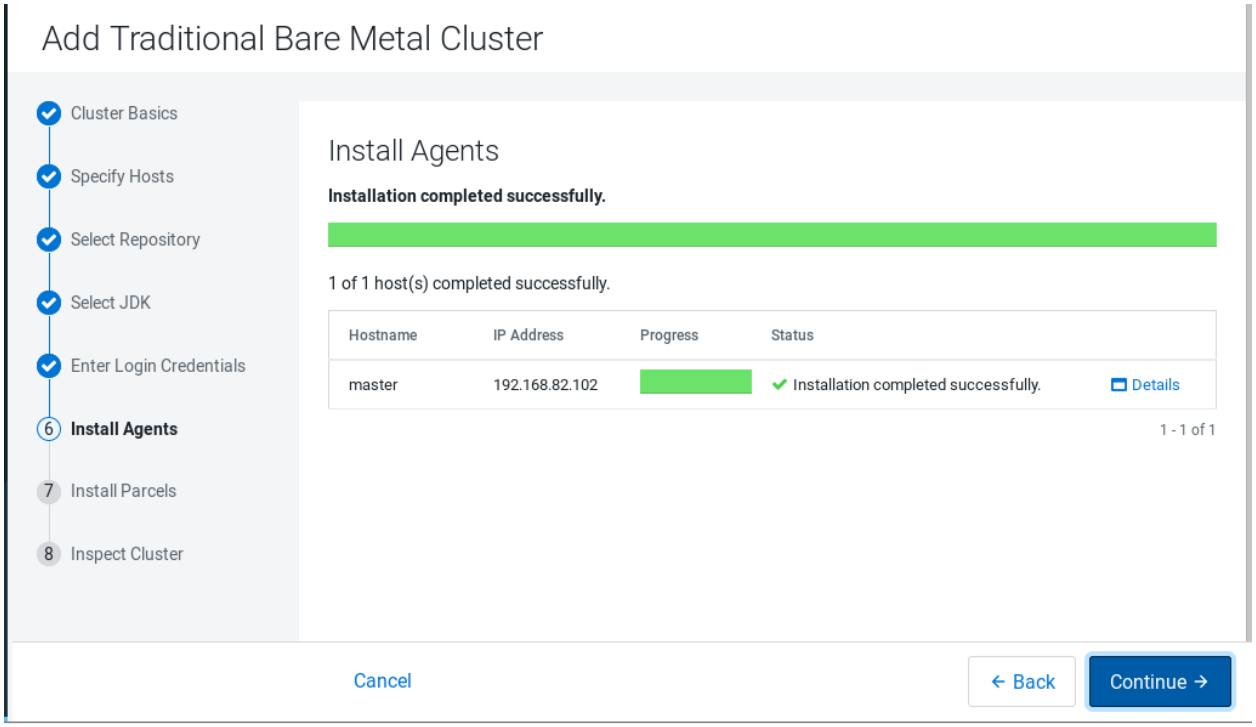
Then select install a Cloudera and continue.



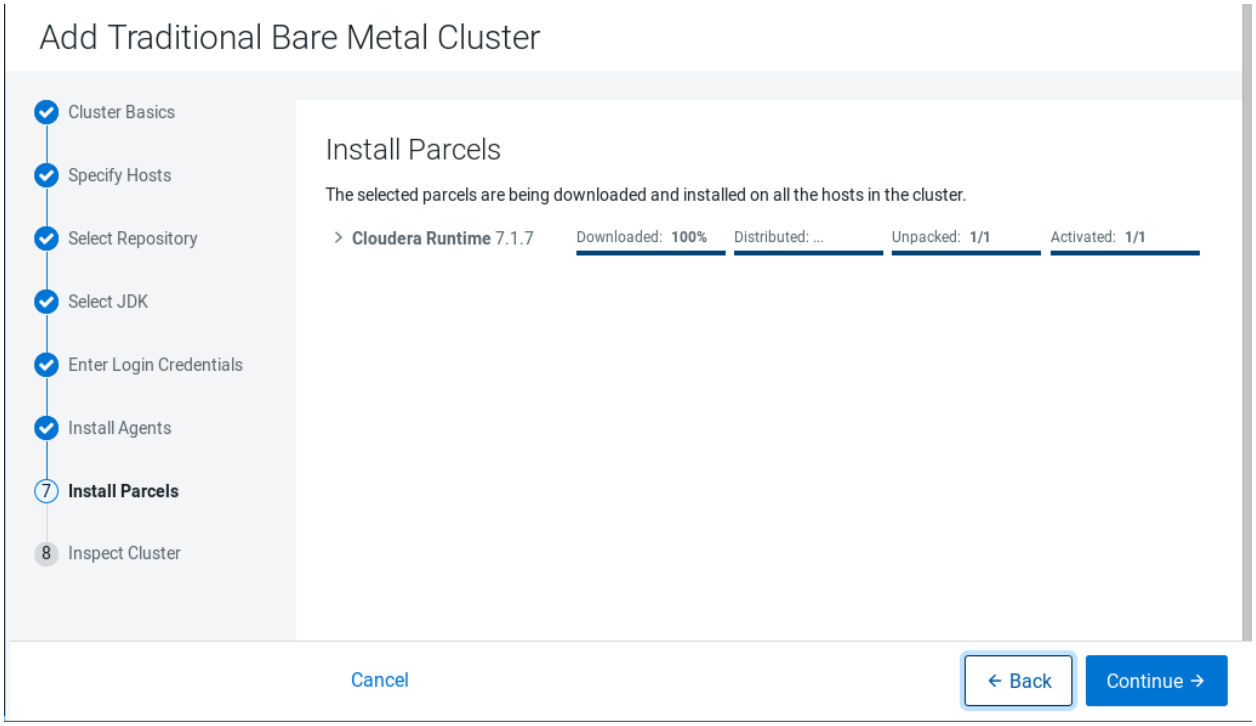
Put password and continue.



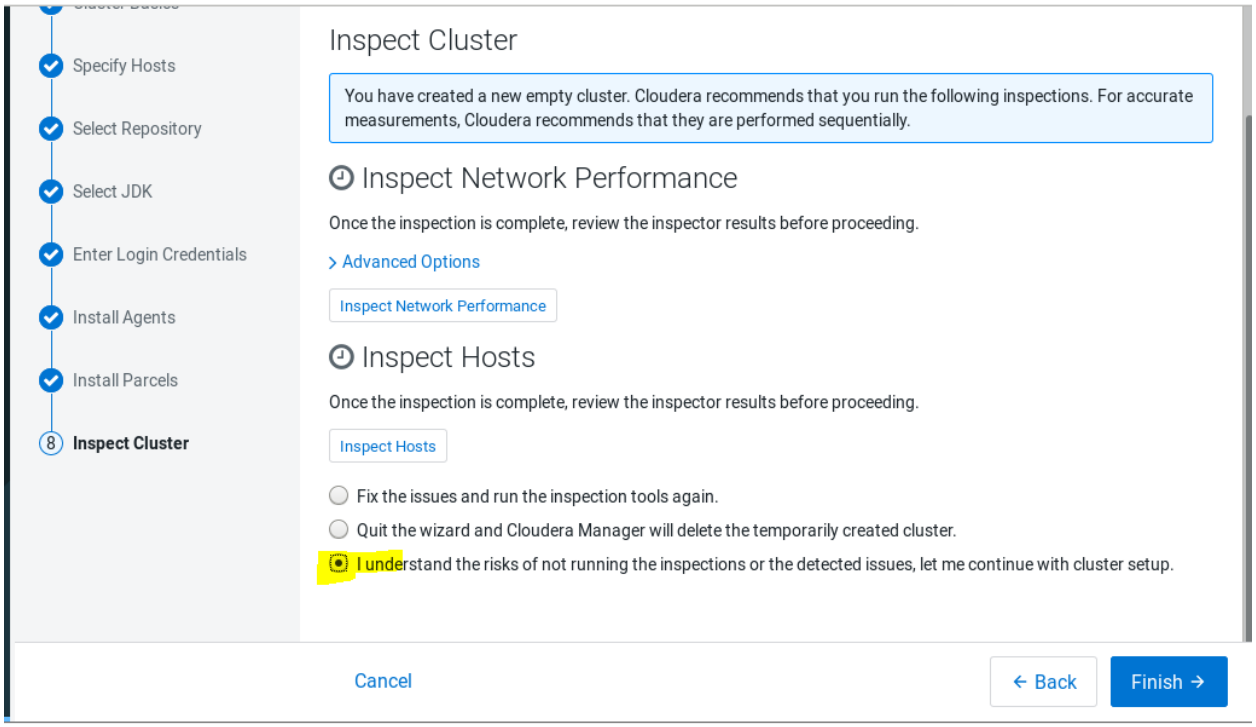
Then install agents.



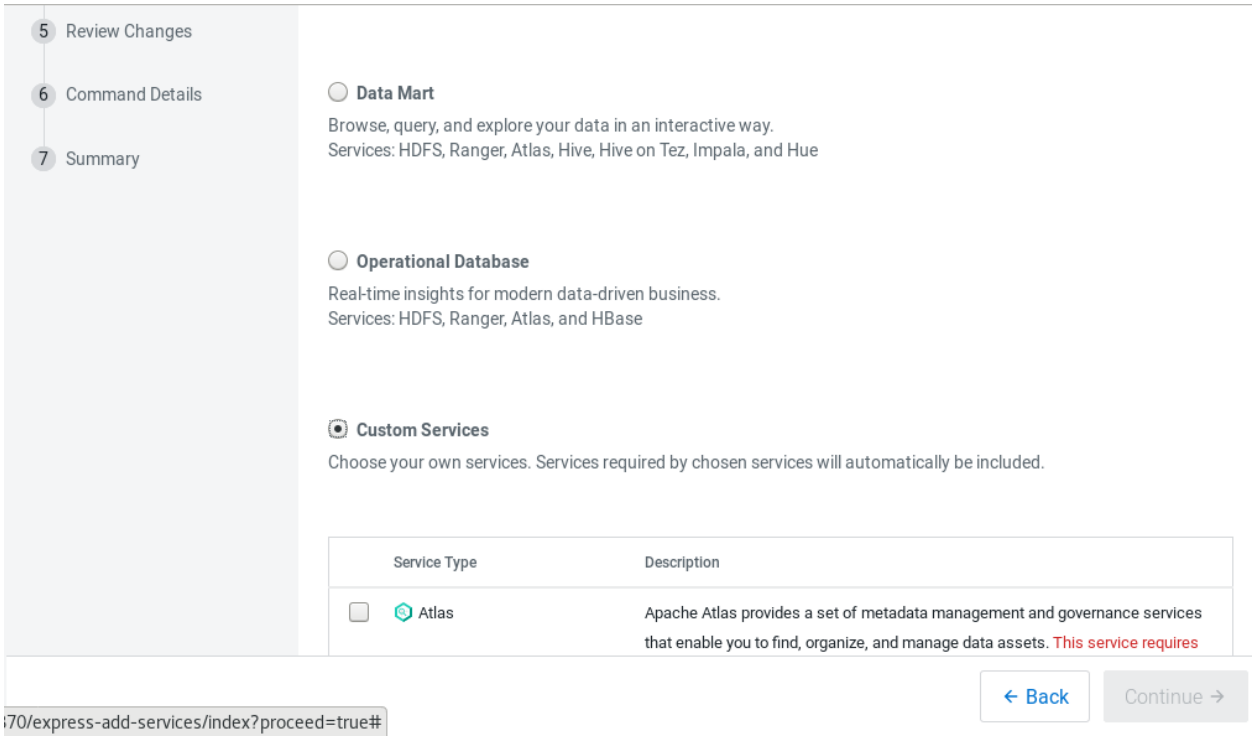
Then click continue



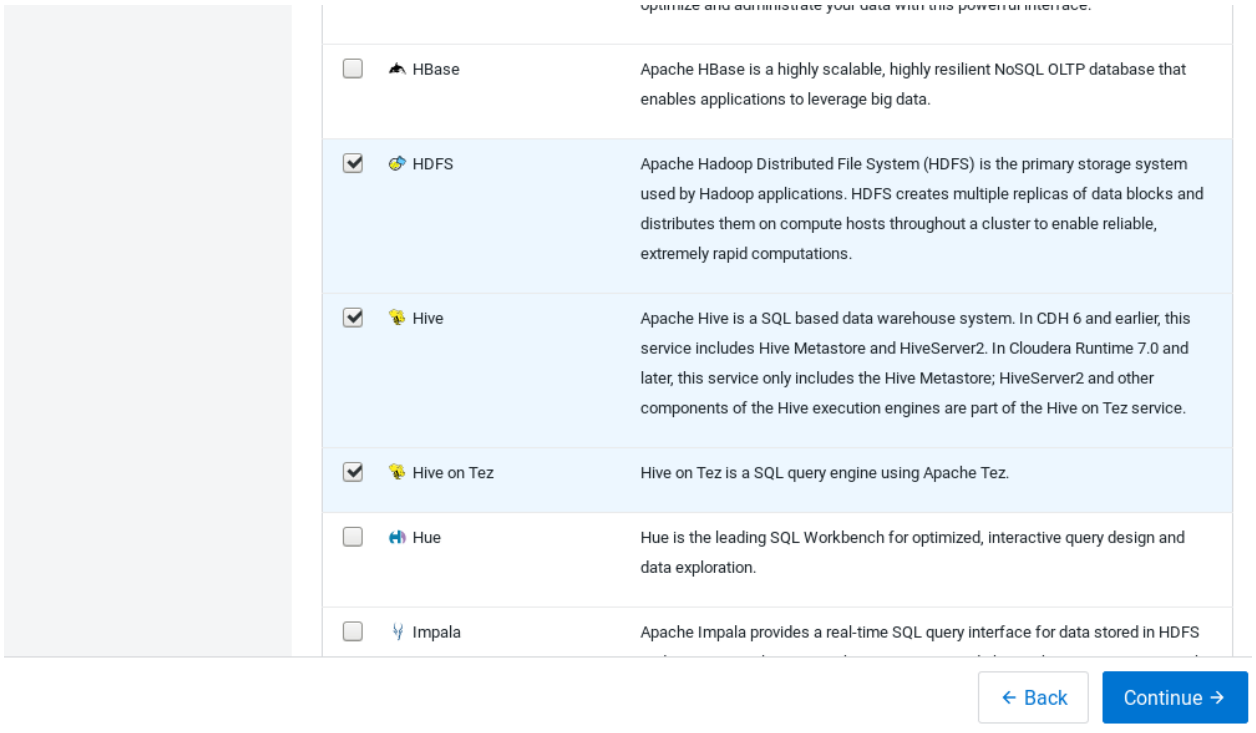
Then Click on I understand and Finish.



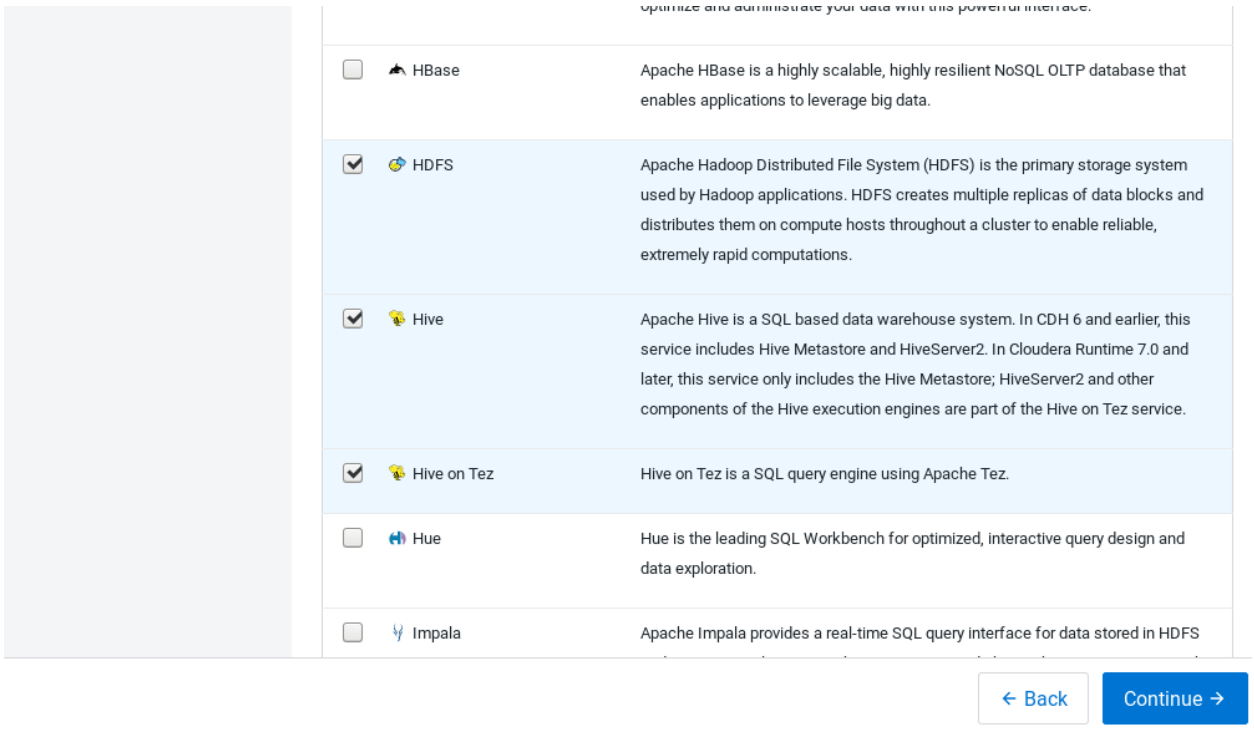
Then select Custom services. And select services.



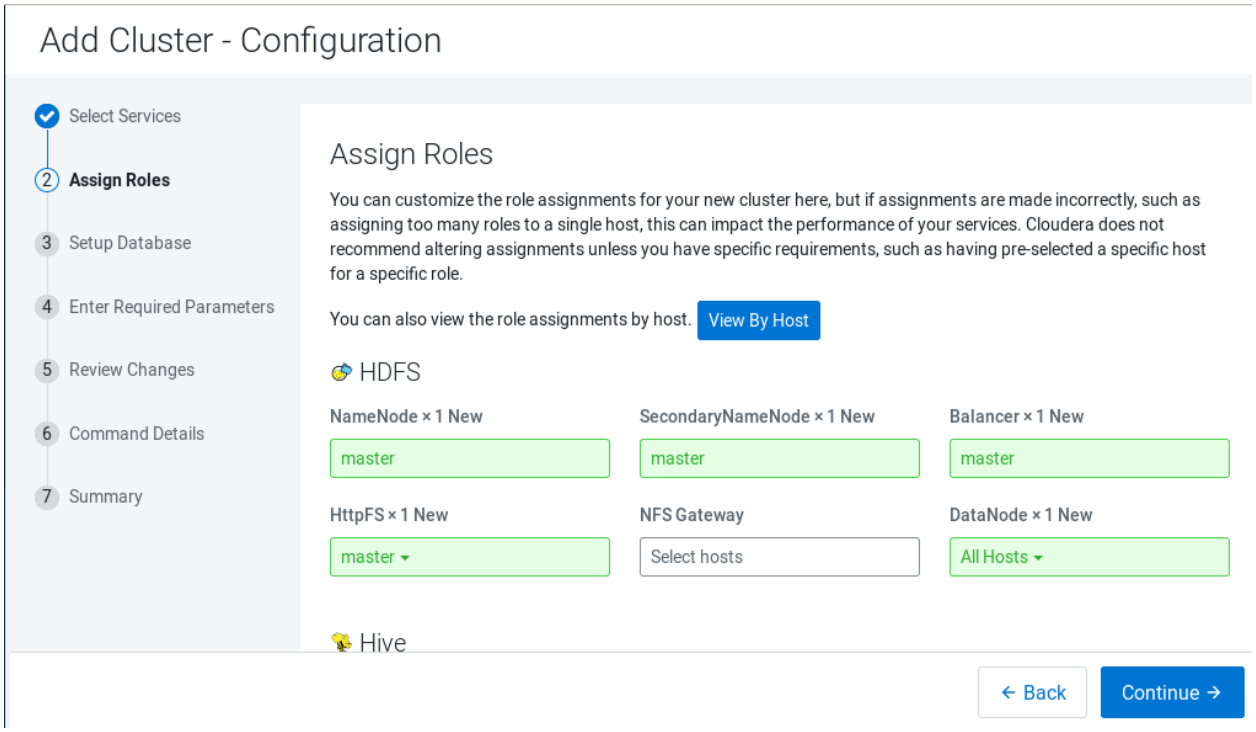
Select services.



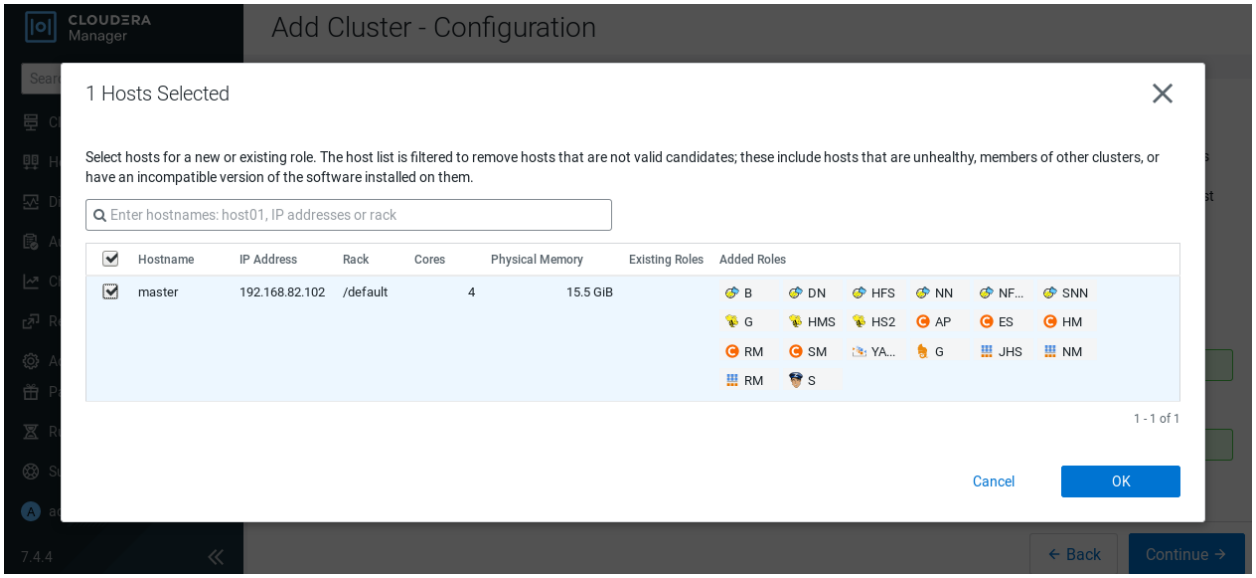
Then continue.



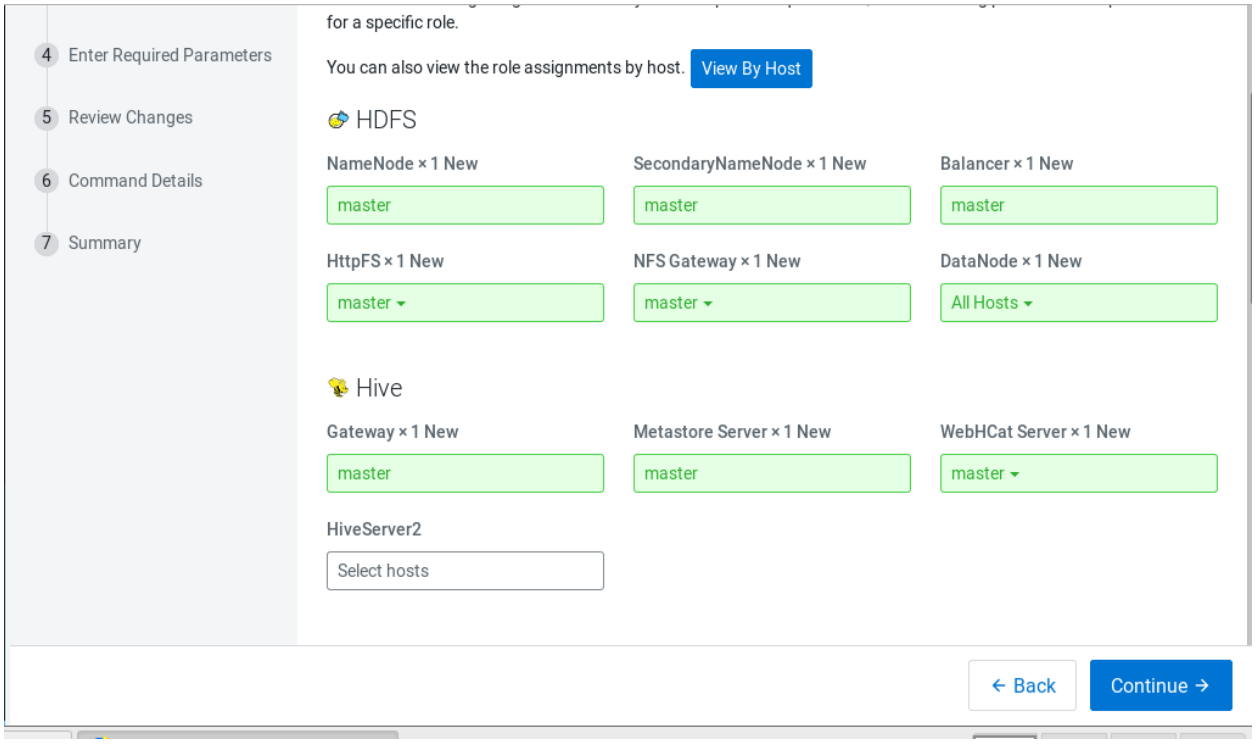
Select all hosts and continue.



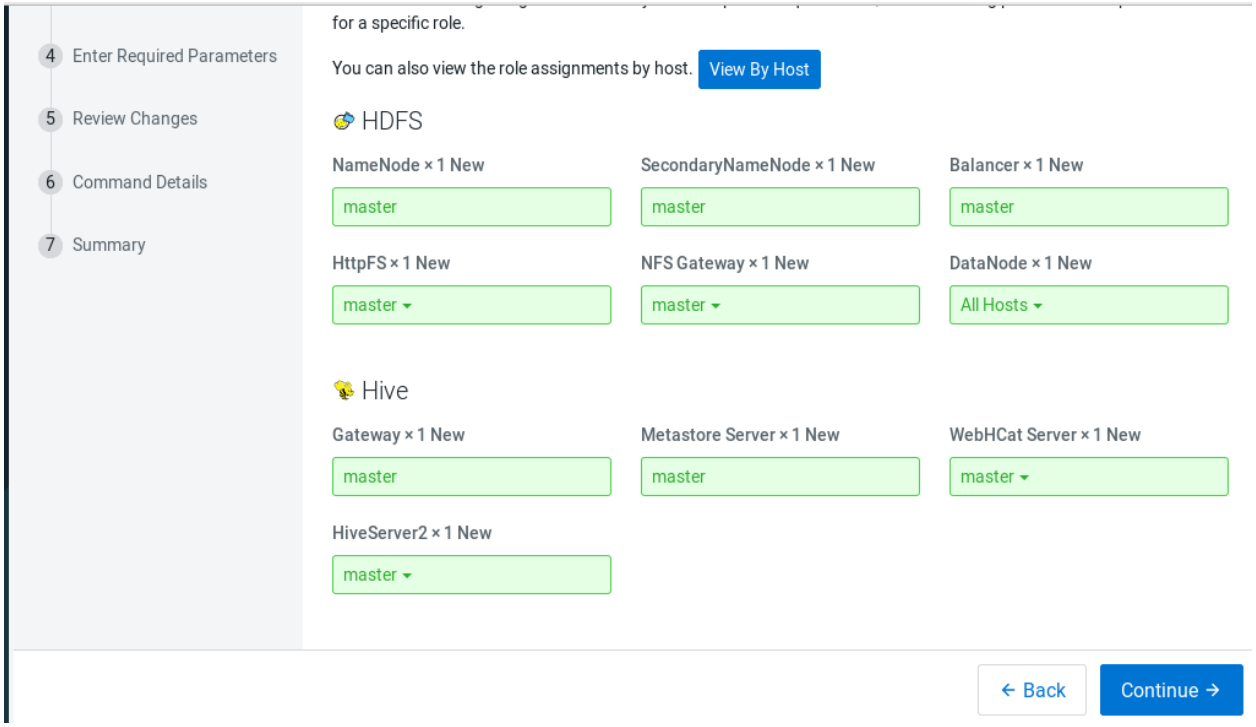
Select master hosts and click on Ok.



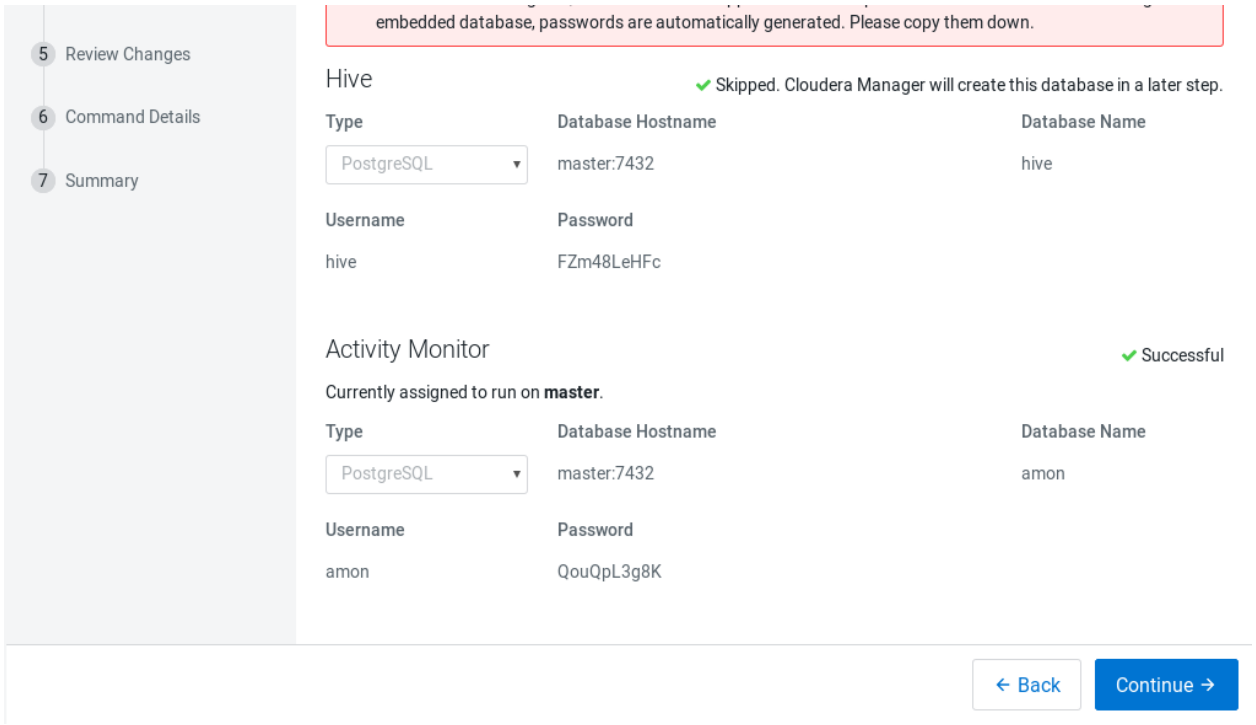
Then continue

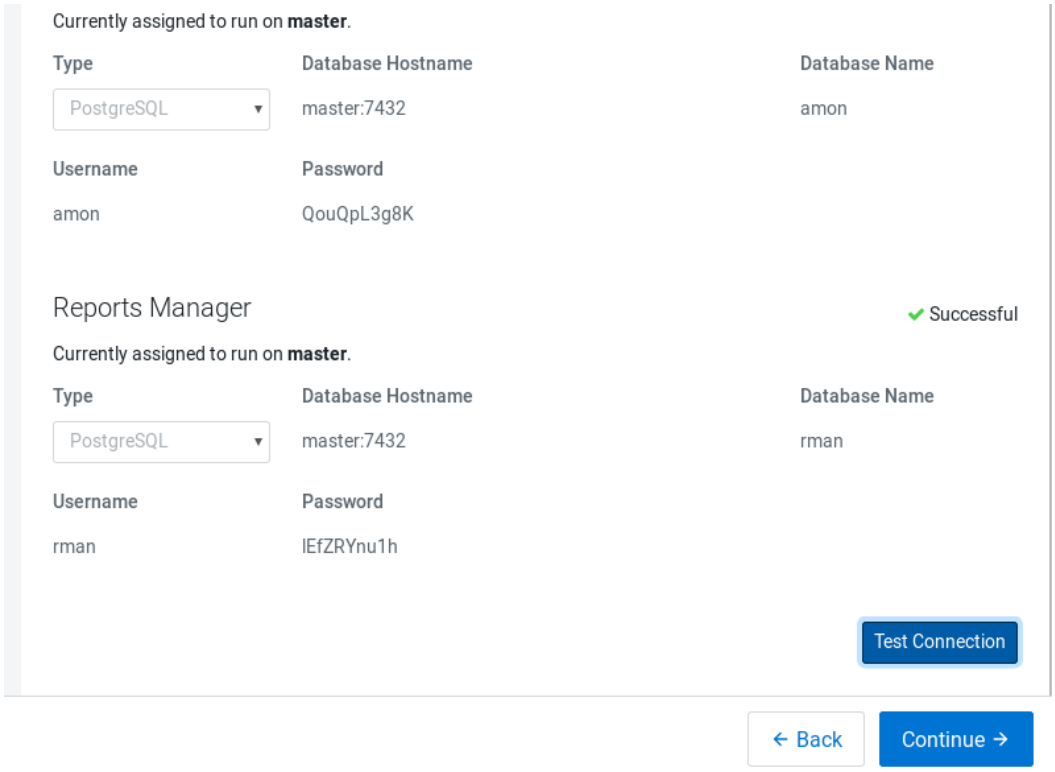


After selecting all hosts node do the continue.

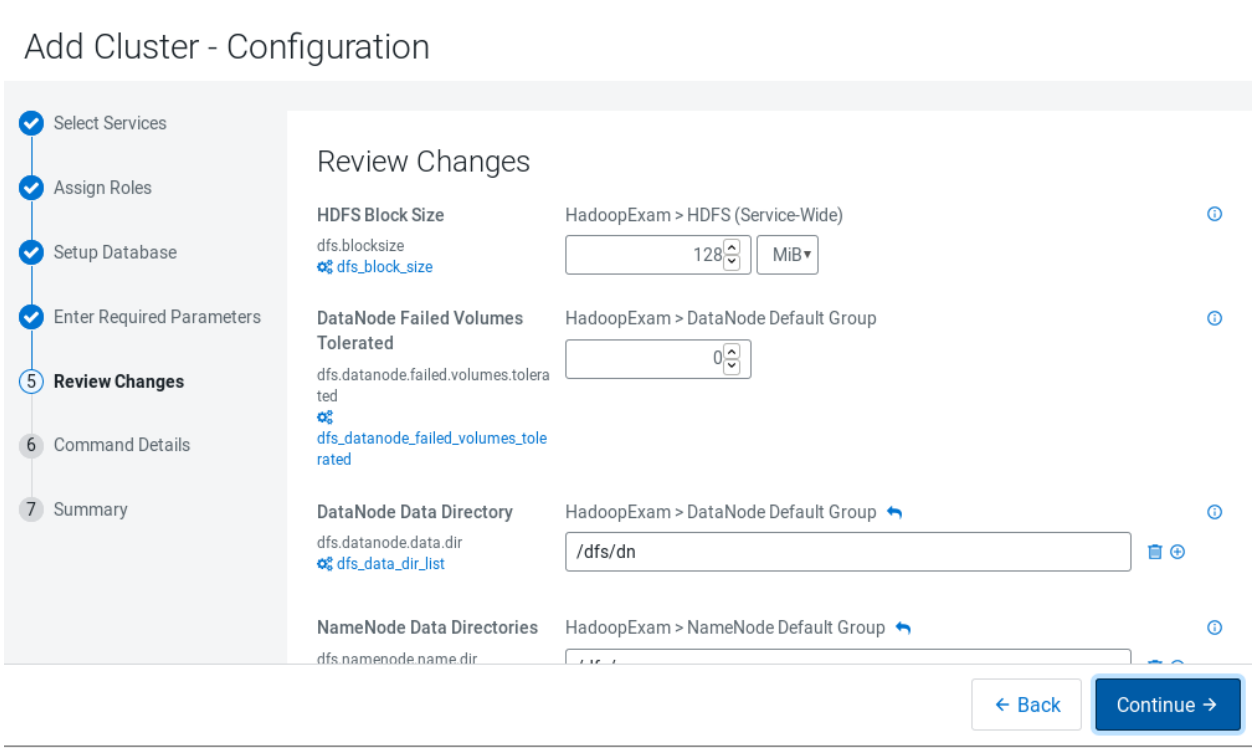


Then test connection and take user id and password.

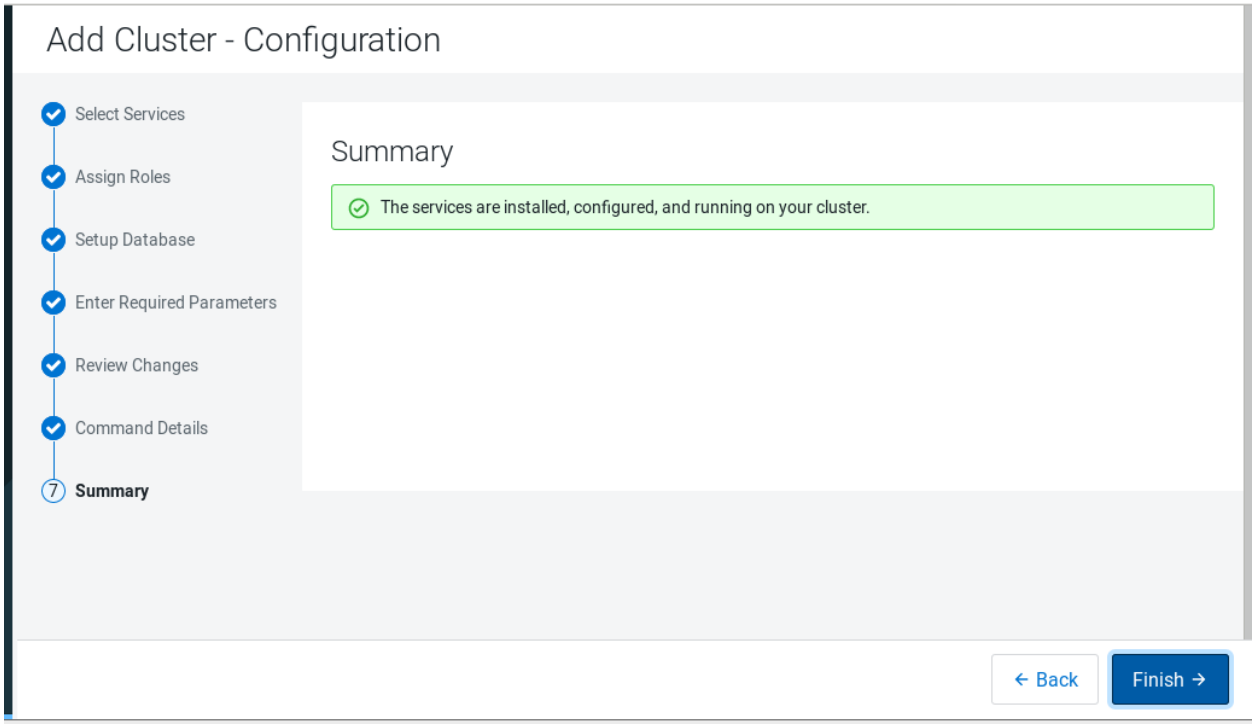



Currently assigned to run on master.
Type
Database Hostname
Database Name
PostgreSQL
master:7432
amon
Username
Password
amon
QouQpL3g8K
Reports Manager
Successful
Currently assigned to run on master.
Type
Database Hostname
Database Name
PostgreSQL
master:7432
rman
Username
Password
rman
lEfZRYnu1h
Test Connection
← Back
Continue →

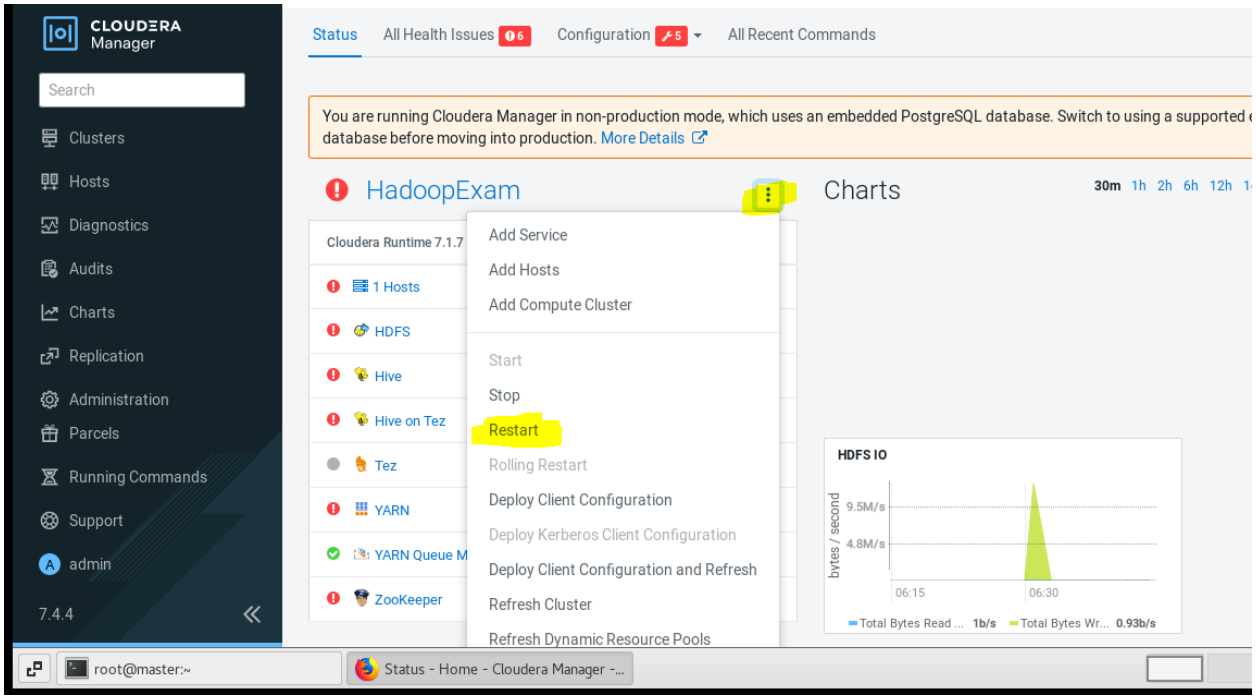
Continue .


Add Cluster - Configuration
Select Services
Assign Roles
Setup Database
Enter Required Parameters
5 Review Changes
6 Command Details
7 Summary
Review Changes
HDFS Block Size
dfs.blocksize
dfs_block_size
HadoopExam > HDFS (Service-Wide)
128
MiB
DataNode Failed Volumes Tolerated
dfs.datanode.failed.volumes.tolerated
dfs_datanode_failed_volumes_tolerated
HadoopExam > DataNode Default Group
0
DataNode Data Directory
dfs.datanode.data.dir
dfs_data_dir_list
HadoopExam > DataNode Default Group
/dfs/dn
NameNode Data Directories
dfs.namenode.name.dir
HadoopExam > NameNode Default Group
← Back
Continue →

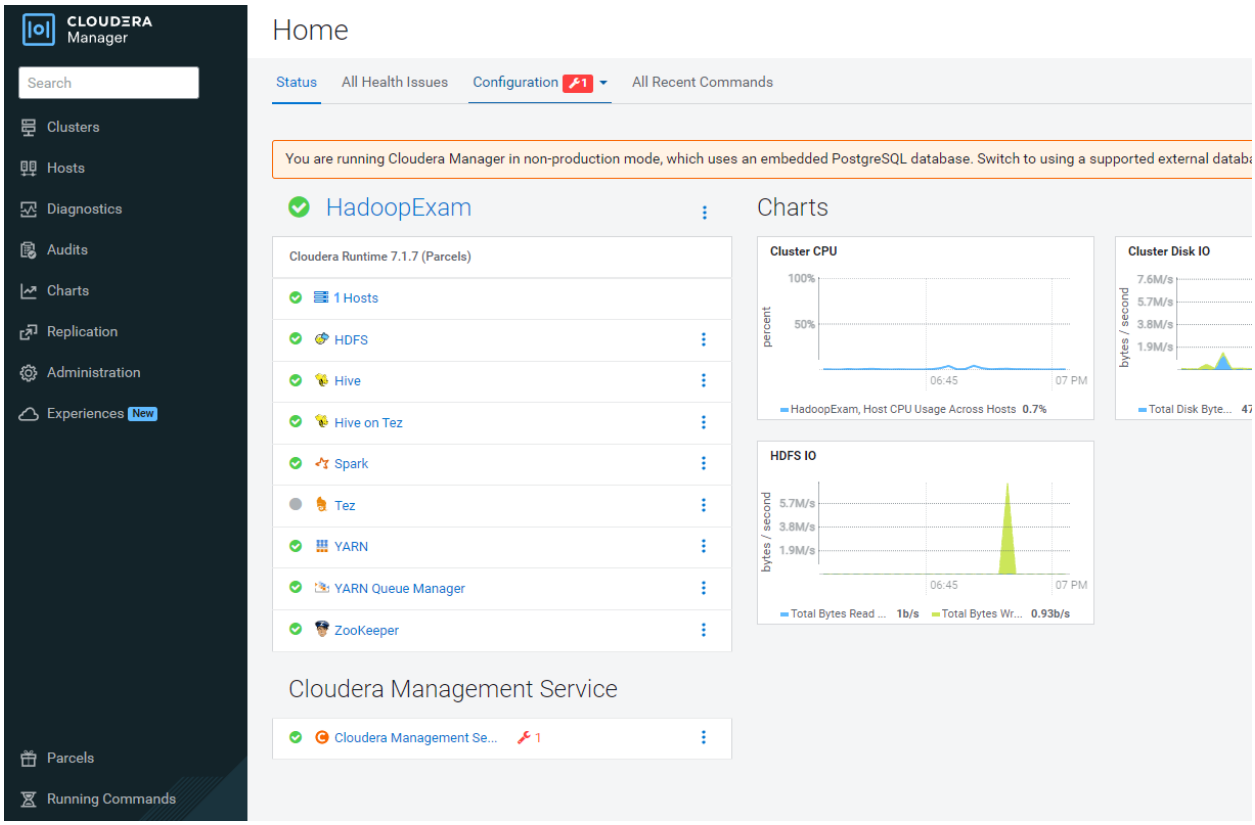
After completed steps click on Finish.



Then click your Cluster name three dot and restart.



After restart your cluster service getting green and working fine.



Now our cluster successfully installed.