pscp –i path/.ppk path/.pem ec2-user@ip /home/ec2-user

1 WinsScp Transport cdh.pem

2 chmod 400 cdh.pem

3 vi .bash\_profile

Se path below fi eval `ssh-agent` ssh-add /home/ec2-user/.ssh/cdh1.pem

4 source .bash-profile

Check agent id /path

#!usr/bin/bash

1 #Update the server

1 sudo yum update -y;

2 sudo yum install -y wget

2 #SeLinux Disabled

#1 sudo sed -i 's/^SELINUX=.\*/SELINUX=disabled/' forchecking/etc/selinux/config

#2 reboot all servers

#3 sudo vi /etc/selinux/config

3 NTP SERVICE

1 sudo yum install ntp

2 sudo systemctl start ntpd

3 sudo systemctl enable ntpd

sestatus

3 #Disable IPV6

1 cat /proc/sys/net/ipv6/conf/all/disable\_ipv6

2 sudo su -c 'cat >>/etc/sysctl.conf <<EOL

net.ipv6.conf.all.disable\_ipv6 =1

net.ipv6.conf.default.disable\_ipv6 =1

net.ipv6.conf.lo.disable\_ipv6 =1

vm.swappiness=10

EOL'

sudo sysctl -p

4 #Disabling Transparent Hugepage Compaction

cat /sys/kernel/mm/transparent\_hugepage/defrag

sudo sed -i '/exit 0/d' /etc/rc.local

sudo su -c 'cat >>/etc/rc.local <<EOL

if test -f /sys/kernel/mm/transparent\_hugepage/defrag; then

echo never > /sys/kernel/mm/transparent\_hugepage/enabled

fi

if test -f /sys/kernel/mm/transparent\_hugepage/defrag; then

echo never > /sys/kernel/mm/transparent\_hugepage/defrag

fi

exit 0

EOL'

sudo sh /etc/rc.local

New Session 10 /5/18

Final PATH B INSTALLATION

0> sudo wget <https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/cm5/redhat/7/x86_64/cm/cloudera-manager.repo>

1>[root@ip-172-31-33-208 ec2-user]# mv cloudera-manager.repo /etc/yum.repos.d/

2>vi /etc/yum.repos.d/cloudera-scm

[root@ip-172-31-33-208 yum.repos.d]# vi cloudera-manager.repo

[cloudera-manager]

# Packages for Cloudera Manager, Version 5, on RedHat or CentOS 7 x86\_64

name=Cloudera Manager

baseurl=https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/5.12.2/

gpgkey =[https:// HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera"ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@ HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera" HYPERLINK "https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera"archive.cloudera.com/p/cm5/redhat/7/x86\_64/cm/RPM-GPG-KEY-cloudera](https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm5/redhat/7/x86_64/cm/RPM-GPG-KEY-cloudera)

gpgcheck = 1

3>Download JDK

sudo yum install oracle-j2sdk1.8 ------>> CM6

sudo yum install oracle-j2sdk1.7------->> CM5

4>download cloudera server and daeman need to login in root

sudo yum install -y cloudera-manager-daemons cloudera-manager-server

sudo yum install -y cloudera-manager-daemons cloudera-manager-agents

6>install my sql ---AWS but for googlecloude method is different

sudo yum install mariadb-server

sudo service mariadb restart

sudo mysql\_secure\_installation

sudo mysql -u root -p

mysql>create database hive DEFAULT CHARACTER SET utf8;

grant all on hive.\* TO 'hive'@'%' IDENTIFIED BY 'hive';

create database amon DEFAULT CHARACTER SET utf8;

grant all on amon.\* TO 'amon'@'%' IDENTIFIED BY 'amon';

create database rman DEFAULT CHARACTER SET utf8;

grant all on rman.\* TO 'rman'@'%' IDENTIFIED BY 'rman';

create database nav DEFAULT CHARACTER SET utf8;

grant all on nav.\* TO 'nav'@'%' IDENTIFIED BY 'nav';

create database navms DEFAULT CHARACTER SET utf8;

grant all on navms.\* TO 'navms'@'%' IDENTIFIED BY 'navms';

create database oozie DEFAULT CHARACTER SET utf8;

grant all on oozie.\* TO 'oozie'@'%' IDENTIFIED BY 'oozie';

create database hue DEFAULT CHARACTER SET utf8;

grant all on hue.\* TO 'hue'@'%' IDENTIFIED BY 'hue';

grant all on \*.\* to 'temp'@'%' identified by 'temp' with grant option; CRT+c

7>sudo yum search jdbc

>sudo yum install mysql-connector-java.noarch

8>connect my sql to CM for Database Connection

sudo /usr/share/cmf/schema/scm\_prepare\_database.sh mysql -h ip-172-31-13-69.eu-west-1.compute.internal -utemp -ptemp --scm-host ip-172-31-13-69.eu-west-1.compute.internal scm scm scm

9>sudo service cloudera-scm-server start

10>[root@ip-172-31-33-208 ~]# sudo tail -f /var/log/cloudera-scm-server/cloudera-scm-server.log

Banchmarking

sudo -u hdfs hadoop jar /opt/cloudera/parcels/CDH/lib/hadoop-mapreduce/hadoop-mapreduce-examples.jar pi 10 100

beeline connection string

!connect jdbc:hive2://ip-172-31-44-79.eu-west-1.compute.internal:10000

cloudera 6

[cloudera-manager]

name=Cloudera Manager 6.1.0

baseurl=https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm6/6.1.0/redhat7/yum/

gpgkey=https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm6/6.1.0/redhat7/yum/RPM-GPG-KEY-cloudera

gpgcheck=1

enabled=1

autorefresh=0

type=rpm-md

wget <https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm6/6.1.0/redhat7/yum/cloudera-manager.repo>

8>connect my sql to CM for Database Connection cm6 version

sudo /opt/cloudera/cm/schema/scm\_prepare\_database.sh mysql -h ip-172-31-44-79.eu-west-1.compute.internal -utemp -ptemp --scm-host ip-172-31-44-79.eu-west-1.compute.internal scm scm scm

baseurl=https://username:password@archive.cloudera.com/p/cm5/5.12.2/redhat7/yum/

gpgkey=https://username:password@archive.cloudera.com/p/cm5/5.12.2/redhat7/yum/RPM-GPG-KEY-cloudera

gpgkey=https://username:password@archive.cloudera.com/p/cm6/6.3.3/redhat7/yum/RPM-GPG-KEY-cloudera

ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883

cm5 parcel

wget <https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cdh5/parcels/5.12.2/CDH-5.12.2-1.cdh5.12.2.p0.4-el5.parcel>

<https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm6/redhat6/6.3.3/yum/cloudera-manager.repo>

jdbc:mysql://ip-172-31-44-79.eu-west-1.compute.internal:3306/hive?key=" "

6.3.4 version

<https://ce6c5cf6-9e78-413c-b668-44cc10352de3:c745353c0883@archive.cloudera.com/p/cm6/6.3.4/redhat7/yum/cloudera-manager.repo>