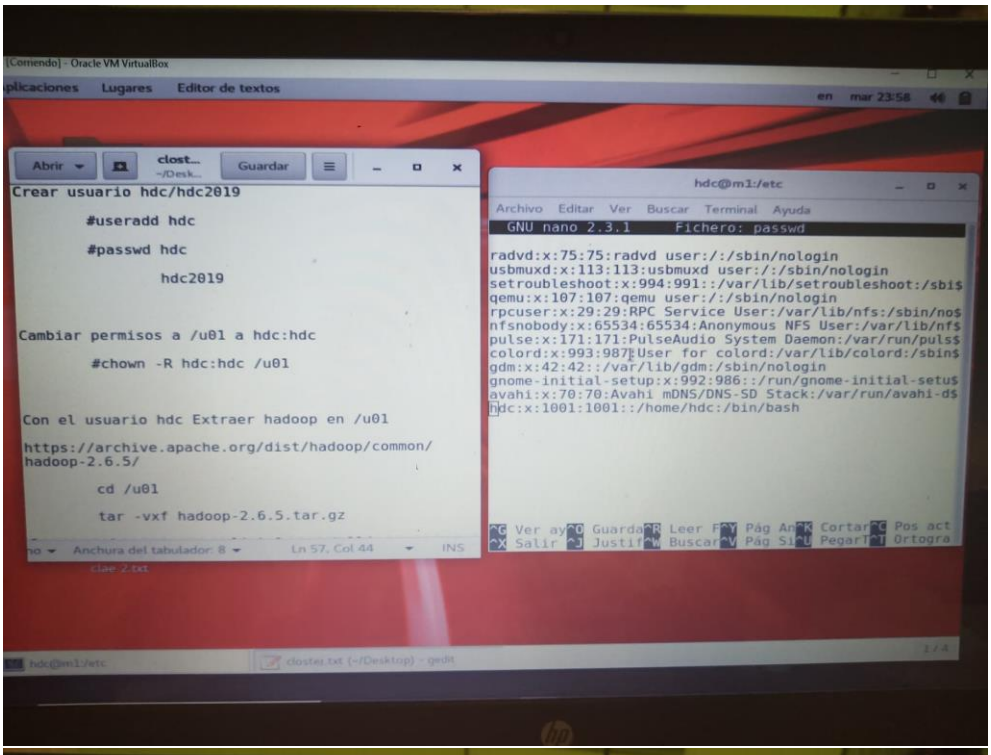
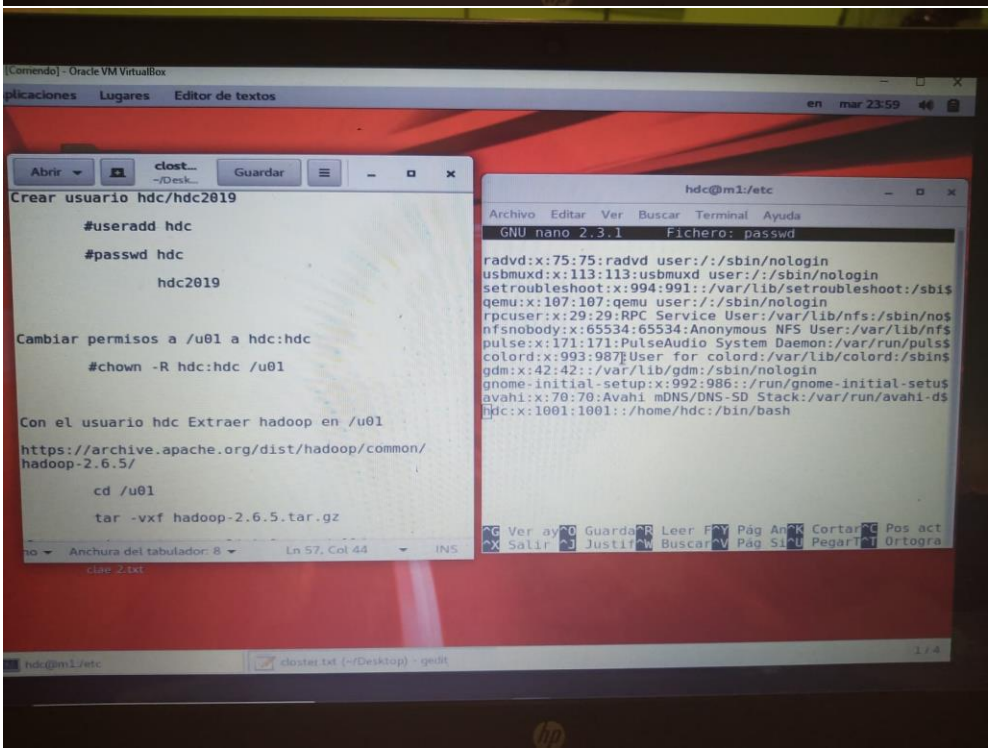
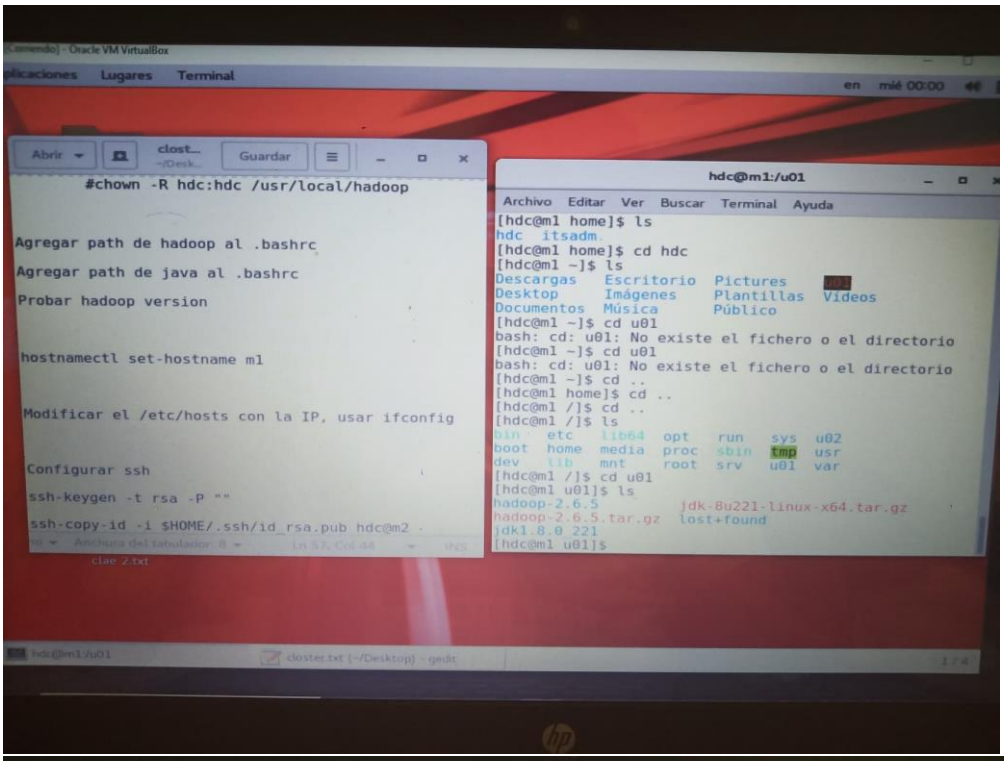
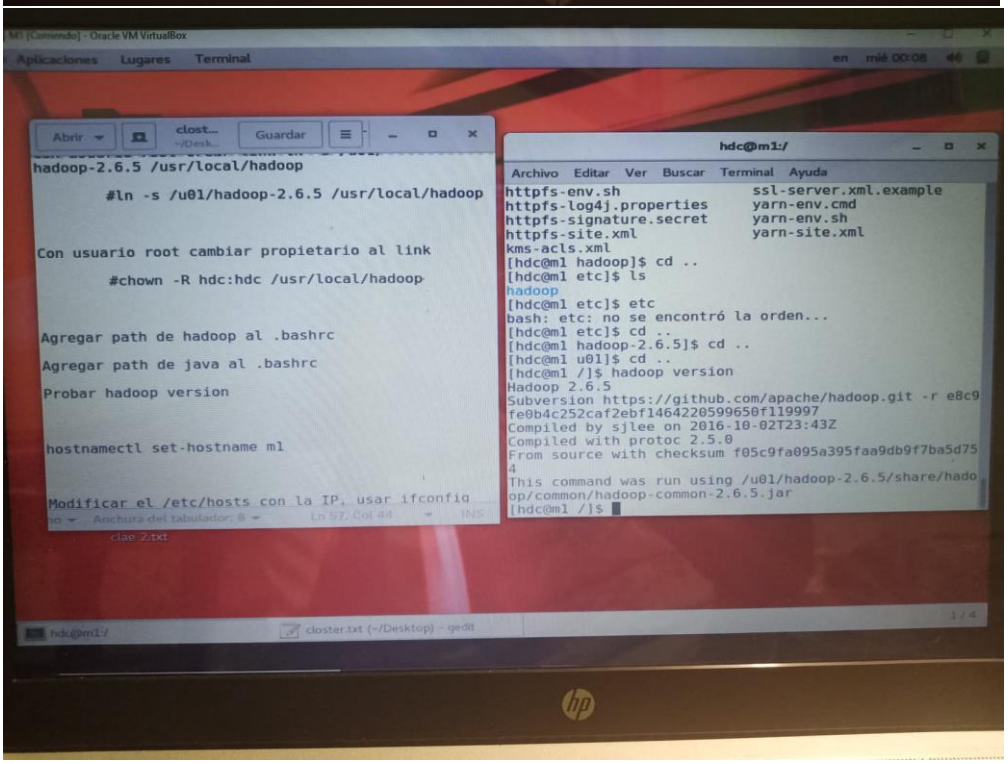
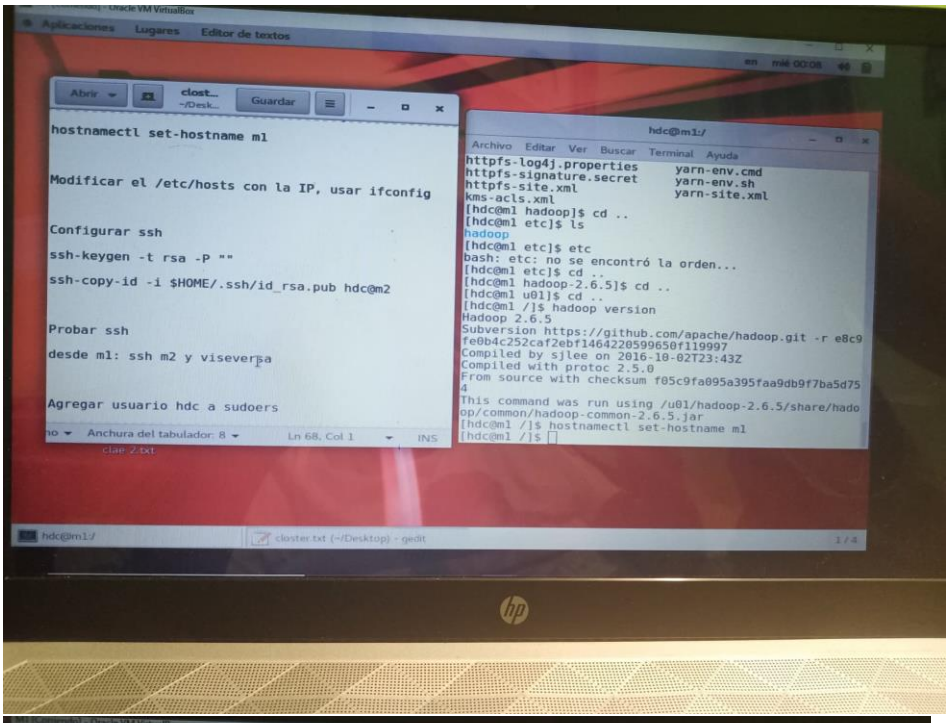
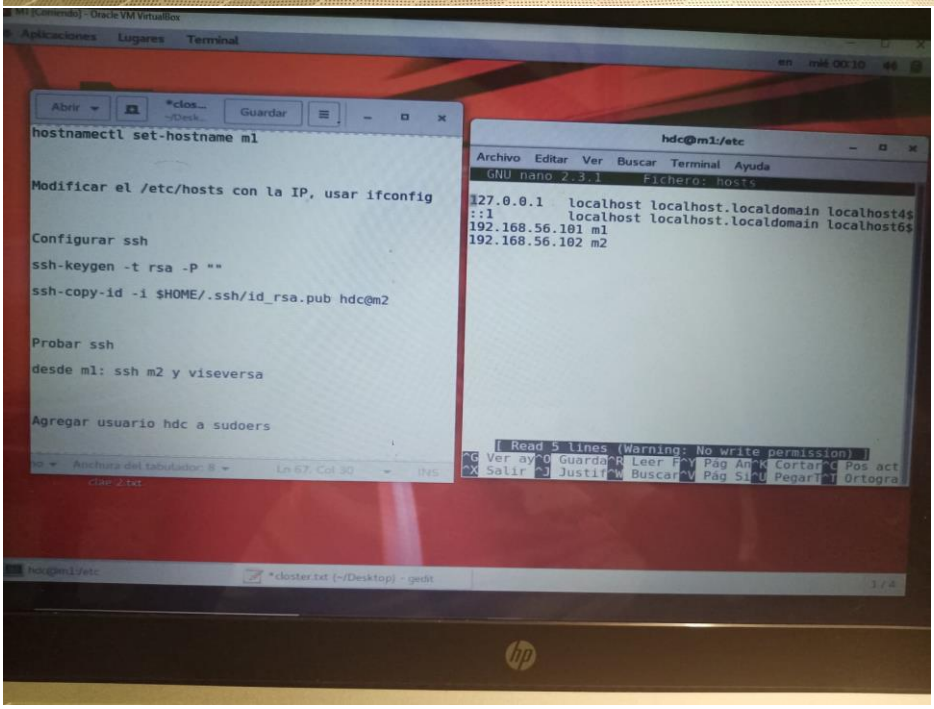

[Comendo] - Oracle VM VirtualBox
Aplicaciones Lugares Editor de textos
en mar 23:58
Abrir
clost...
~/Desk...
Guardar
Crear usuario hdc/hdc2019
#useradd hdc
#passwd hdc
hdc2019
Cambiar permisos a /u01 a hdc:hdc
#chown -R hdc:hdc /u01
Con el usuario hdc Extraer hadoop en /u01
https://archive.apache.org/dist/hadoop/common/hadoop-2.6.5/
cd /u01
tar -vxf hadoop-2.6.5.tar.gz
Anchura del tabulador: 8
Ln 57, Col 44
INS
clave 2.txt
hdc@m1:/etc
Archivo Editar Ver Buscar Terminal Ayuda
GNU nano 2.3.1 Fichero: passwd
radvd:x:75:75:radvd user:/:/sbin/nologin
usbmuxd:x:113:113:usbmuxd user:/:/sbin/nologin
setroubleshoot:x:994:991::/var/lib/setroubleshoot:/sbi$
qemu:x:107:107:qemu user:/:/sbin/nologin
rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/no$
nfsnobody:x:65534:65534:Anonymous NFS User:/var/lib/nf$
pulse:x:171:171:PulseAudio System Daemon:/var/run/puls$
colord:x:993:987:User for colord:/var/lib/colord:/sbin$
gdm:x:42:42::/var/lib/gdm:/sbin/nologin
gnome-initial-setup:x:992:986::/run/gnome-initial-setu$
avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-d$
hdc:x:1001:1001::/home/hdc:/bin/bash
^G Ver ay ^O Guarda ^R Leer F ^Y Pág An ^K Cortar ^C Pos act
^X Salir ^J Justif ^W Buscar ^V Pág Si ^U PegarT ^T Ortogra
hdc@m1:/etc
closter.txt (~/Desktop) - gedit
1 / 4

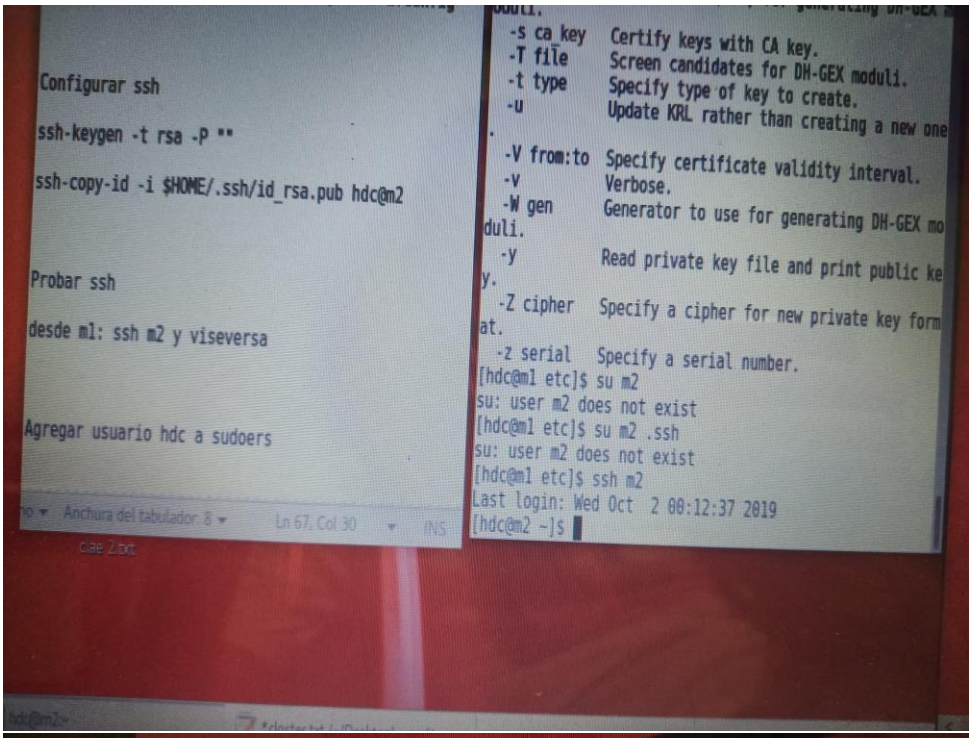

[Comendo] - Oracle VM VirtualBox
Aplicaciones Lugares Editor de textos
en mar 23:59
Abrir
clost...
~/Desk...
Guardar
Crear usuario hdc/hdc2019
#useradd hdc
#passwd hdc
hdc2019
Cambiar permisos a /u01 a hdc:hdc
#chown -R hdc:hdc /u01
Con el usuario hdc Extraer hadoop en /u01
https://archive.apache.org/dist/hadoop/common/hadoop-2.6.5/
cd /u01
tar -vxf hadoop-2.6.5.tar.gz
Anchura del tabulador: 8
Ln 57, Col 44
INS
clave 2.txt
hdc@m1:/etc
Archivo Editar Ver Buscar Terminal Ayuda
GNU nano 2.3.1 Fichero: passwd
radvd:x:75:75:radvd user:/:/sbin/nologin
usbmuxd:x:113:113:usbmuxd user:/:/sbin/nologin
setroubleshoot:x:994:991::/var/lib/setroubleshoot:/sbi$
qemu:x:107:107:qemu user:/:/sbin/nologin
rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/no$
nfsnobody:x:65534:65534:Anonymous NFS User:/var/lib/nf$
pulse:x:171:171:PulseAudio System Daemon:/var/run/puls$
colord:x:993:987:User for colord:/var/lib/colord:/sbin$
gdm:x:42:42::/var/lib/gdm:/sbin/nologin
gnome-initial-setup:x:992:986::/run/gnome-initial-setu$
avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-d$
hdc:x:1001:1001::/home/hdc:/bin/bash
^G Ver ay ^O Guarda ^R Leer F ^Y Pág An ^K Cortar ^C Pos act
^X Salir ^J Justif ^W Buscar ^V Pág Si ^U PegarT ^T Ortogra
hdc@m1:/etc
closter.txt (~/Desktop) - gedit
1 / 4

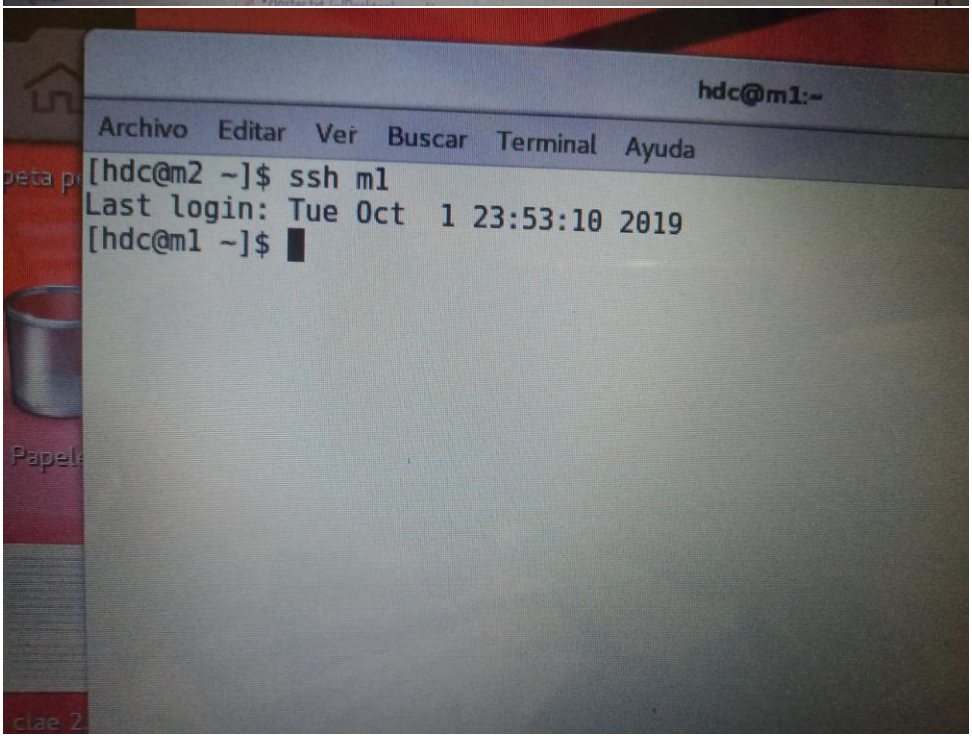

Aplicaciones Lugares Terminal
Abrir
Guardar
#chown -R hdc:hdc /usr/local/hadoop
Agregar path de hadoop al .bashrc
Agregar path de java al .bashrc
Probar hadoop version
hostnamectl set-hostname m1
Modificar el /etc/hosts con la IP, usar ifconfig
Configurar ssh
ssh-keygen -t rsa -P ""
ssh-copy-id -i $HOME/.ssh/id_rsa.pub hdc@m2
hdc@m1:/u01
Archivo Editar Ver Buscar Terminal Ayuda
[hdc@m1 home]$ ls
hdc itsadm
[hdc@m1 home]$ cd hdc
[hdc@m1 ~]$ ls
Descargas Escritorio Pictures
Desktop Imágenes Plantillas Videos
Documentos Música Público
[hdc@m1 ~]$ cd u01
bash: cd: u01: No existe el fichero o el directorio
[hdc@m1 ~]$ cd u01
bash: cd: u01: No existe el fichero o el directorio
[hdc@m1 ~]$ cd ..
[hdc@m1 home]$ cd ..
[hdc@m1 /]$ cd ..
[hdc@m1 /]$ ls
bin etc lib64 opt run sys u02
boot home media proc sbin tmp usr
dev lib mnt root srv u01 var
[hdc@m1 /]$ cd u01
[hdc@m1 u01]$ ls
hadoop-2.6.5 jdk-8u221-linux-x64.tar.gz
hadoop-2.6.5.tar.gz lost+found
jdk1.8.0_221
[hdc@m1 u01]$

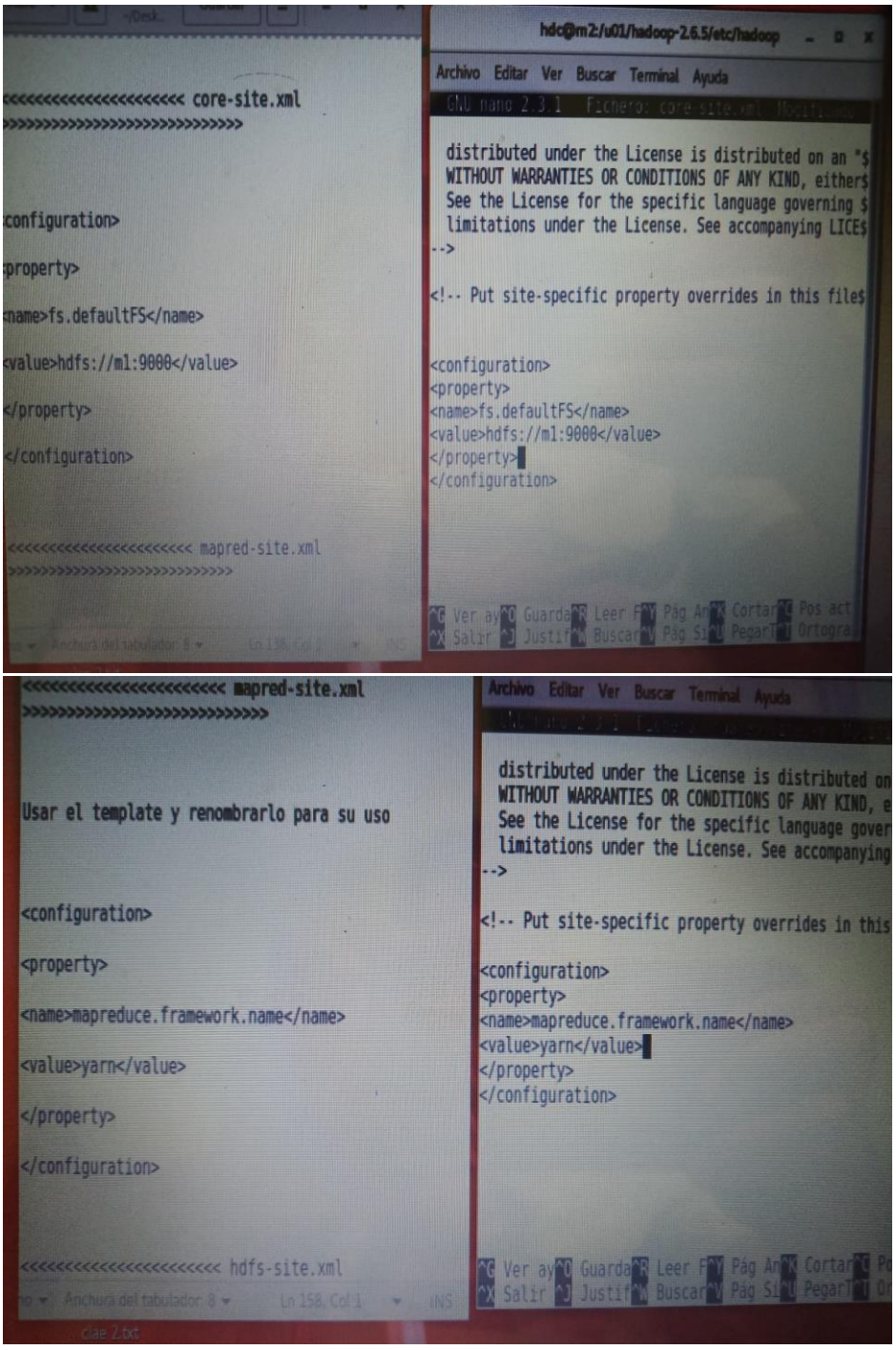

Aplicaciones Lugares Terminal
Abrir
Guardar
hadoop-2.6.5 /usr/local/hadoop
#ln -s /u01/hadoop-2.6.5 /usr/local/hadoop
Con usuario root cambiar propietario al link
#chown -R hdc:hdc /usr/local/hadoop
Agregar path de hadoop al .bashrc
Agregar path de java al .bashrc
Probar hadoop version
hostnamectl set-hostname m1
Modificar el /etc/hosts con la IP, usar ifconfig
hdc@m1:/
Archivo Editar Ver Buscar Terminal Ayuda
httpfs-env.sh ssl-server.xml.example
httpfs-log4j.properties yarn-env.cmd
httpfs-signature.secret yarn-env.sh
httpfs-site.xml yarn-site.xml
kms-acls.xml
[hdc@m1 hadoop]$ cd ..
[hdc@m1 etc]$ ls
hadoop
[hdc@m1 etc]$ etc
bash: etc: no se encontró la orden...
[hdc@m1 etc]$ cd ..
[hdc@m1 hadoop-2.6.5]$ cd ..
[hdc@m1 u01]$ cd ..
[hdc@m1 /]$ hadoop version
Hadoop 2.6.5
Subversion https://github.com/apache/hadoop.git -r e8c9
fe0b4c252caf2ebf1464220599650f119997
Compiled by sjlee on 2016-10-02T23:43Z
Compiled with protoc 2.5.0
From source with checksum f05c9fa095a395faa9db9f7ba5d75
4
This command was run using /u01/hadoop-2.6.5/share/hado
op/common/hadoop-common-2.6.5.jar
[hdc@m1 /]$

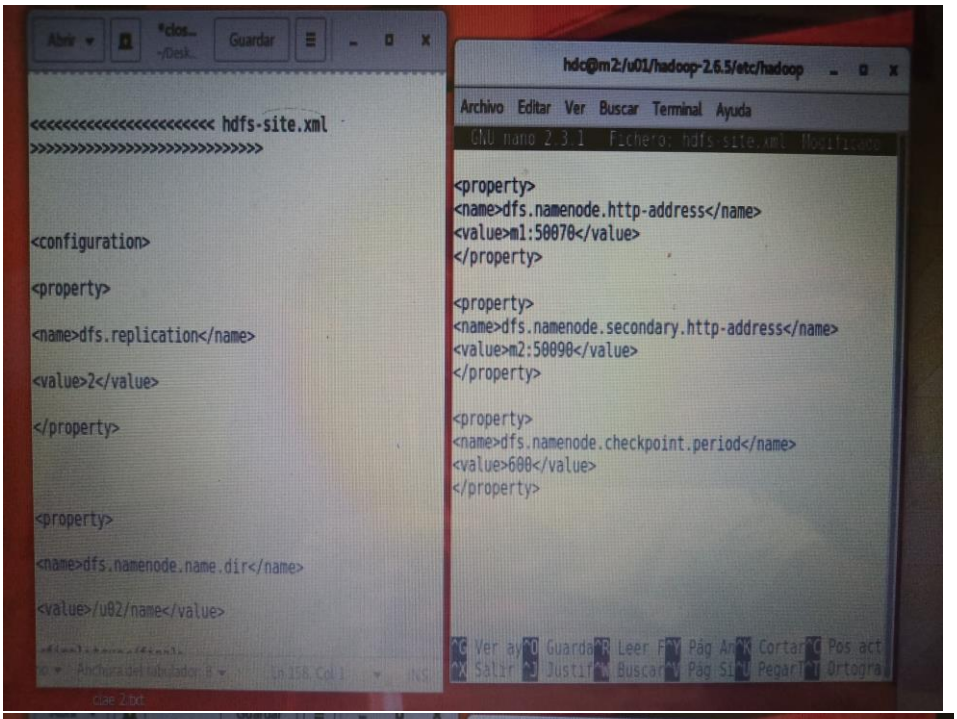

hostnamectl set-hostname m1
Modificar el /etc/hosts con la IP, usar ifconfig
Configurar ssh
ssh-keygen -t rsa -P ""
ssh-copy-id -i $HOME/.ssh/id_rsa.pub hdc@m2
Probar ssh
desde m1: ssh m2 y viseversa
Agregar usuario hdc a sudoers
hdc@m1:/
Hadoop 2.6.5
[hdc@m1 /]$ hostnamectl set-hostname m1

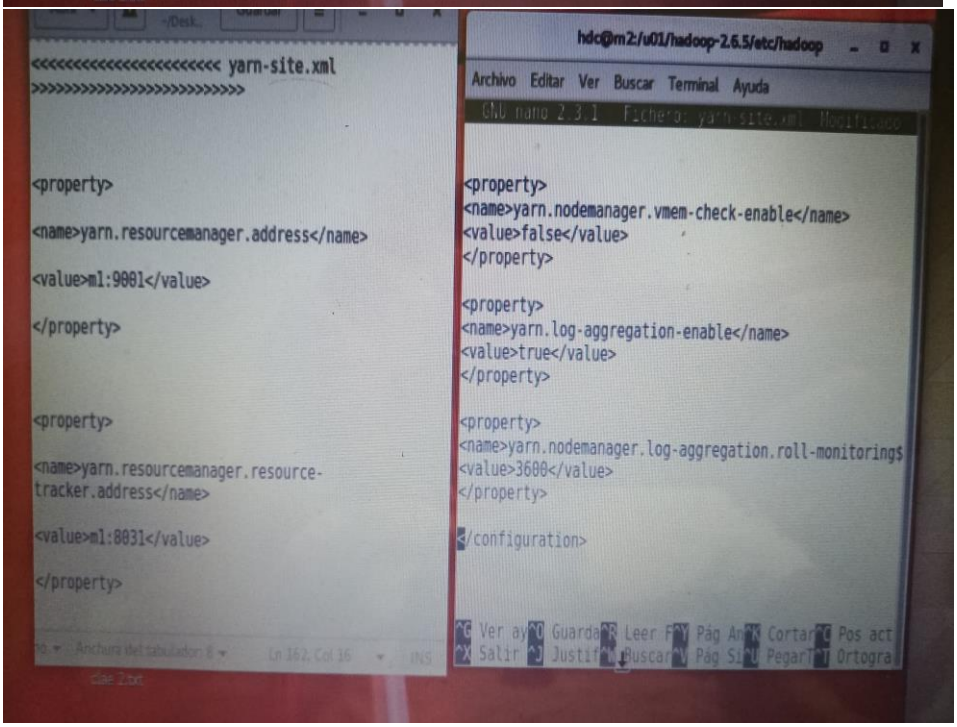

hostnamectl set-hostname m1
Modificar el /etc/hosts con la IP, usar ifconfig
Configurar ssh
ssh-keygen -t rsa -P ""
ssh-copy-id -i $HOME/.ssh/id_rsa.pub hdc@m2
Probar ssh
desde m1: ssh m2 y viseversa
Agregar usuario hdc a sudoers
hdc@m1:/etc
GNU nano 2.3.1 Fichero: hosts
127.0.0.1 localhost localhost.localdomain localhost4
::1 localhost localhost.localdomain localhost6
192.168.56.101 m1
192.168.56.102 m2
[Read 5 lines (Warning: No write permission)]

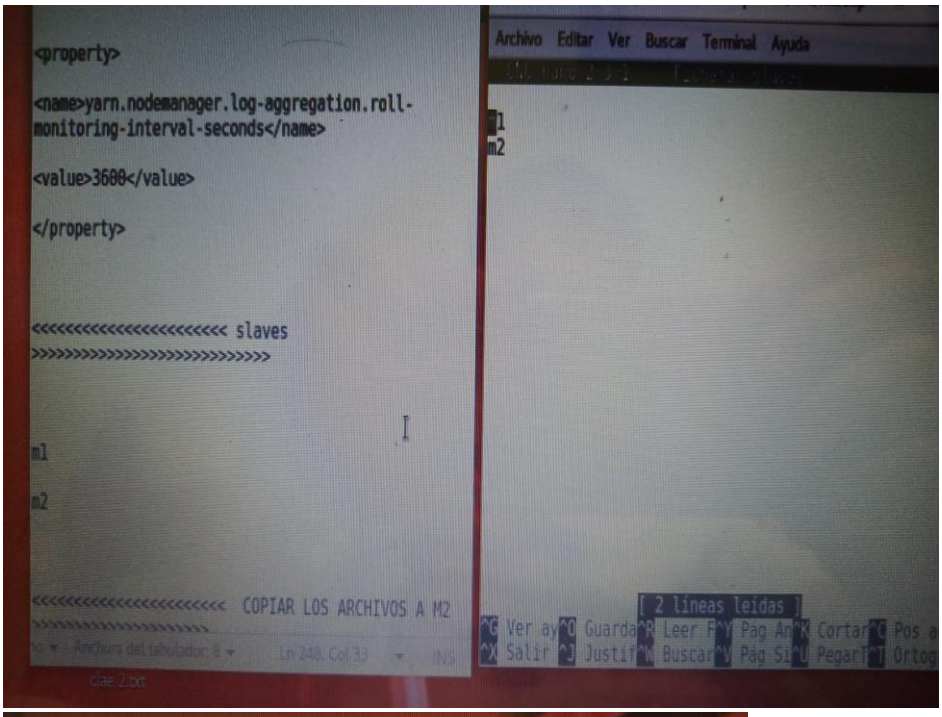

Configurar ssh
ssh-keygen -t rsa -P ""
ssh-copy-id -i $HOME/.ssh/id_rsa.pub hdc@m2
Probar ssh
desde m1: ssh m2 y viseversa
Agregar usuario hdc a sudoers
-s ca_key Certify keys with CA key.
-T file Screen candidates for DH-GEX moduli.
-t type Specify type of key to create.
-u Update KRL rather than creating a new one
-V from:to Specify certificate validity interval.
-v Verbose.
-W gen Generator to use for generating DH-GEX moduli.
-y Read private key file and print public key.
-Z cipher Specify a cipher for new private key format.
-z serial Specify a serial number.
[hdc@m1 etc]$ su m2
su: user m2 does not exist
[hdc@m1 etc]$ su m2 .ssh
su: user m2 does not exist
[hdc@m1 etc]$ ssh m2
Last login: Wed Oct 2 00:12:37 2019
[hdc@m2 ~]$

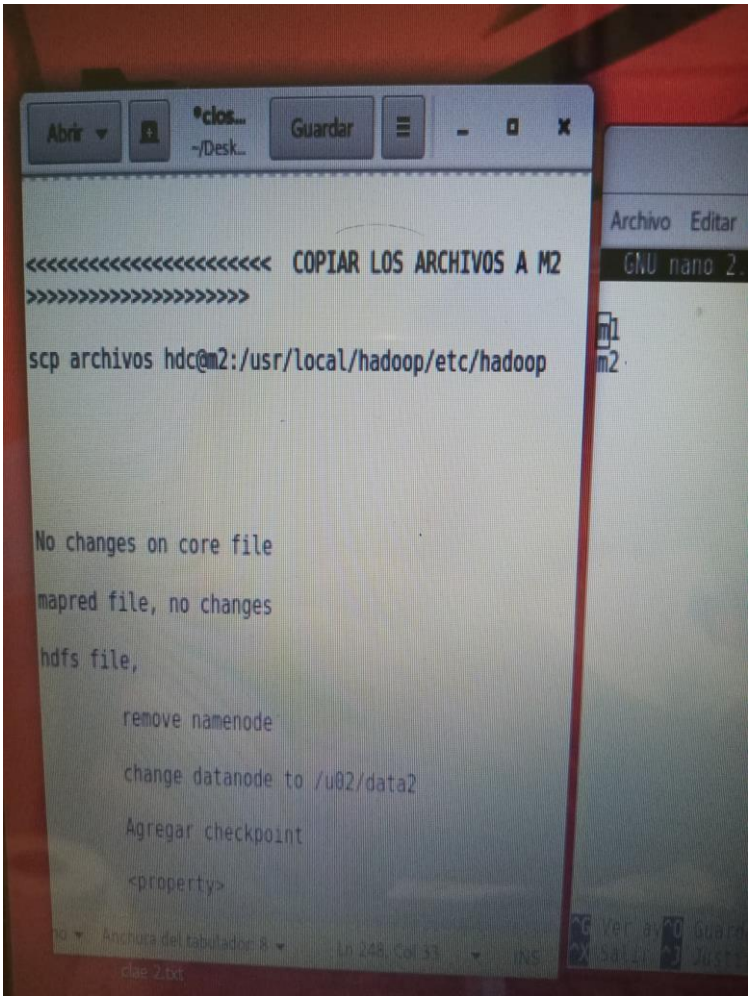

hdc@m1:~
Archivo Editar Ver Buscar Terminal Ayuda
[hdc@m2 ~]$ ssh m1
Last login: Tue Oct 1 23:53:10 2019
[hdc@m1 ~]$

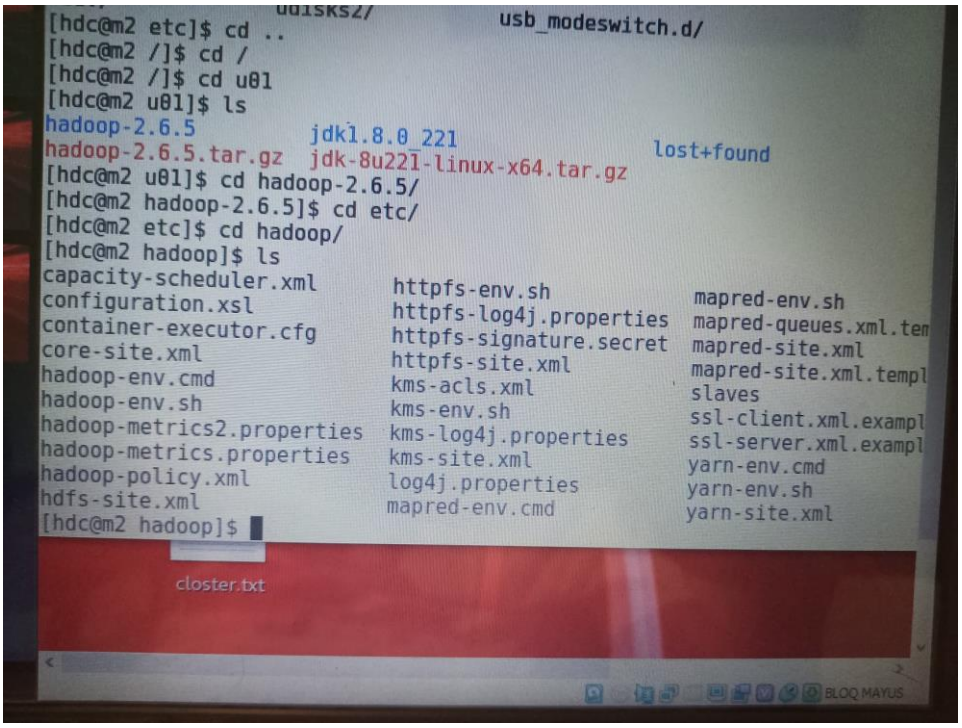

core-site.xml
configuration>
property>
name>fs.defaultFS</name>
value>hdfs://m1:9000</value>
/property>
/configuration>
mapred-site.xml
hdc@m2:/u01/hadoop-2.6.5/etc/hadoop
Archivo Editar Ver Buscar Terminal Ayuda
distributed under the License is distributed on an "$
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either$
See the License for the specific language governing $
limitations under the License. See accompanying LICE$
-->
<!-- Put site-specific property overrides in this file$
<configuration>
<property>
<name>fs.defaultFS</name>
<value>hdfs://m1:9000</value>
</property>
</configuration>
mapred-site.xml
Usar el template y renombrarlo para su uso
<configuration>
<property>
<name>mapreduce.framework.name</name>
<value>yarn</value>
</property>
</configuration>
hdfs-site.xml
Archivo Editar Ver Buscar Terminal Ayuda
distributed under the License is distributed on
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,
See the License for the specific language gover
limitations under the License. See accompanying
-->
<!-- Put site-specific property overrides in this
<configuration>
<property>
<name>mapreduce.framework.name</name>
<value>yarn</value>
</property>
</configuration>

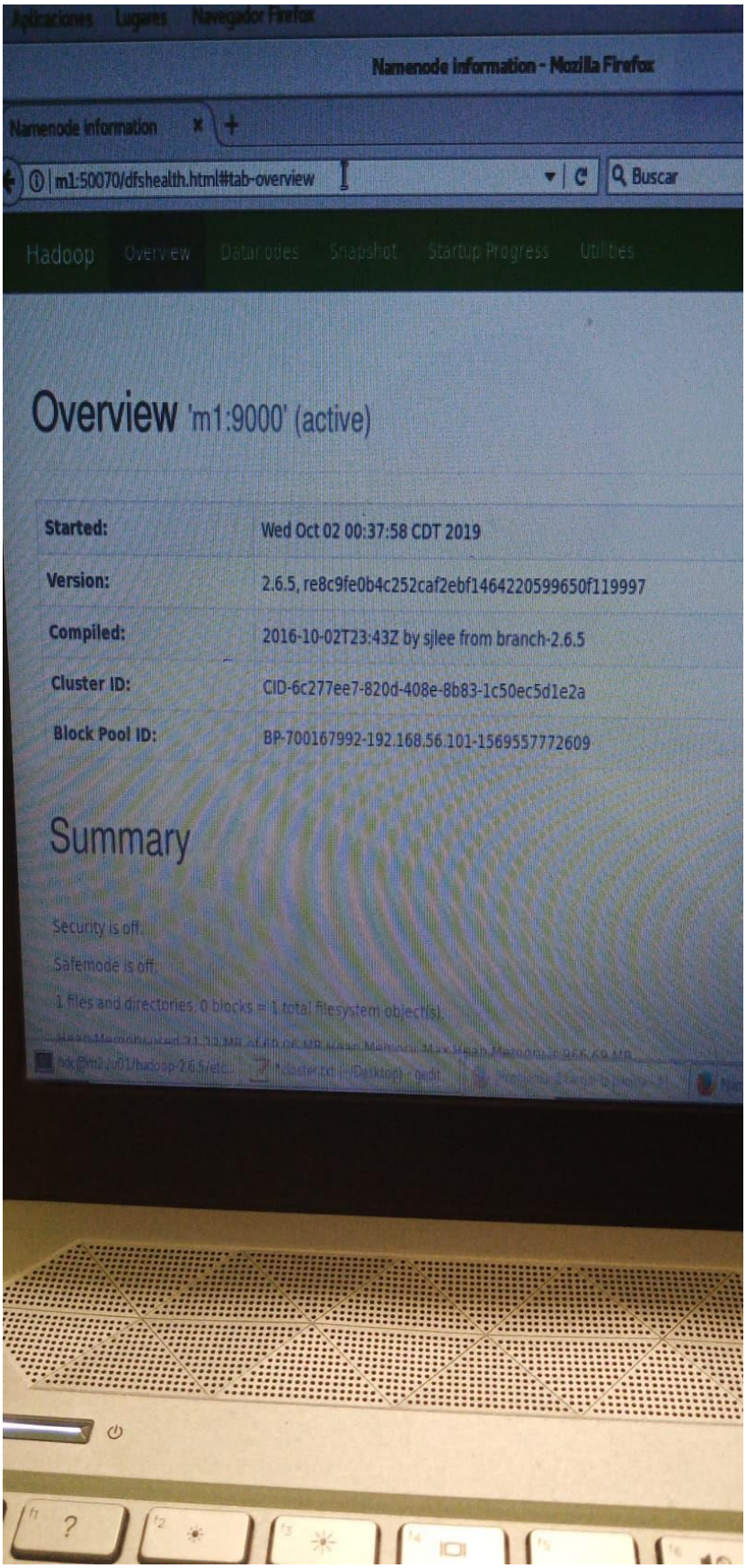

Abrir
Guardar
<<<<<<<<<<<<<<<<<<<<<< hdfs-site.xml
>>>>>>>>>>>>>>>>>>>>>>
<configuration>
<property>
<name>dfs.replication</name>
<value>2</value>
</property>
<property>
<name>dfs.namenode.name.dir</name>
<value>/u02/name</value>
hdc@m2:/u01/hadoop-2.6.5/etc/hadoop
Archivo Editar Ver Buscar Terminal Ayuda
GNU nano 2.3.1 Fichero: hdfs-site.xml
<property>
<name>dfs.namenode.http-address</name>
<value>m1:50070</value>
</property>
<property>
<name>dfs.namenode.secondary.http-address</name>
<value>m2:50090</value>
</property>
<property>
<name>dfs.namenode.checkpoint.period</name>
<value>600</value>
</property>
^G Ver ay ^O Guarda ^R Leer F ^Y Pág An ^K Cortar ^C Pos act
^X Salir ^J Justif ^W Buscar ^V Pág Si ^U PegarT ^T Ortogra


<<<<<<<<<<<<<<<<<<<<<< yarn-site.xml
>>>>>>>>>>>>>>>>>>>>>>
<property>
<name>yarn.resourcemanager.address</name>
<value>m1:9001</value>
</property>
<property>
<name>yarn.resourcemanager.resource-
tracker.address</name>
<value>m1:8031</value>
</property>
hdc@m2:/u01/hadoop-2.6.5/etc/hadoop
Archivo Editar Ver Buscar Terminal Ayuda
GNU nano 2.3.1 Fichero: yarn-site.xml
<property>
<name>yarn.nodemanager.vmem-check-enable</name>
<value>false</value>
</property>
<property>
<name>yarn.log-aggregation-enable</name>
<value>true</value>
</property>
<property>
<name>yarn.nodemanager.log-aggregation.roll-monitoring$
<value>3600</value>
</property>
</configuration>
^G Ver ay ^O Guarda ^R Leer F ^Y Pág An ^K Cortar ^C Pos act
^X Salir ^J Justif ^W Buscar ^V Pág Si ^U PegarT ^T Ortogra


<property>
<name>yarn.nodemanager.log-aggregation.roll-
monitoring-interval-seconds</name>
<value>3600</value>
</property>
<<<<<<<<<<<<<<<<<<<<<<< slaves
>>>>>>>>>>>>>>>>>>>>>>>
m1
m2
<<<<<<<<<<<<<<<<<<<<<<< COPIAR LOS ARCHIVOS A M2
>>>>>>>>>>>>>>>>>>>>>>>
Archivo Editar Ver Buscar Terminal Ayuda
[2 líneas leídas]


Abrir
Guardar
<<<<<<<<<<<<<<<<<<<<<<< COPIAR LOS ARCHIVOS A M2
>>>>>>>>>>>>>>>>>>>>>>>
scp archivos hdc@m2:/usr/local/hadoop/etc/hadoop
No changes on core file
mapred file, no changes
hdfs file,
remove namenode
change datanode to /u02/data2
Agregar checkpoint
<property>
Archivo Editar
GNU nano 2


udisks2/
usb_modeswitch.d/
[hdc@m2 etc]$ cd ..
[hdc@m2 /]$ cd /
[hdc@m2 /]$ cd u01
[hdc@m2 u01]$ ls
hadoop-2.6.5
hadoop-2.6.5.tar.gz
jdk1.8.0_221
jdk-8u221-linux-x64.tar.gz
lost+found
[hdc@m2 u01]$ cd hadoop-2.6.5/
[hdc@m2 hadoop-2.6.5]$ cd etc/
[hdc@m2 etc]$ cd hadoop/
[hdc@m2 hadoop]$ ls
capacity-scheduler.xml
configuration.xsl
container-executor.cfg
core-site.xml
hadoop-env.cmd
hadoop-env.sh
hadoop-metrics2.properties
hadoop-metrics.properties
hadoop-policy.xml
hdfs-site.xml
httpfs-env.sh
httpfs-log4j.properties
httpfs-signature.secret
httpfs-site.xml
kms-acls.xml
kms-env.sh
kms-log4j.properties
kms-site.xml
log4j.properties
mapred-env.cmd
mapred-env.sh
mapred-queues.xml.tem
mapred-site.xml
mapred-site.xml.templ
slaves
ssl-client.xml.exampl
ssl-server.xml.exampl
yarn-env.cmd
yarn-env.sh
yarn-site.xml
[hdc@m2 hadoop]$
closter.txt
BLOQ MAYUS


Aplicaciones Lugares Navegador Firefox
Namenode information - Mozilla Firefox
Namenode information
m1:50070/dfshealth.html#tab-overview
Buscar
Hadoop Overview Datanodes Snapshot Startup Progress Utilities
Overview 'm1:9000' (active)
Started: Wed Oct 02 00:37:58 CDT 2019
Version: 2.6.5, re8c9fe0b4c252caf2ebf1464220599650f119997
Compiled: 2016-10-02T23:43Z by sjlee from branch-2.6.5
Cluster ID: CID-6c277ee7-820d-408e-8b83-1c50ec5d1e2a
Block Pool ID: BP-700167992-192.168.56.101-1569557772609
Summary
Security is off.
Safemode is off.
1 files and directories, 0 blocks = 1 total filesystem object(s).