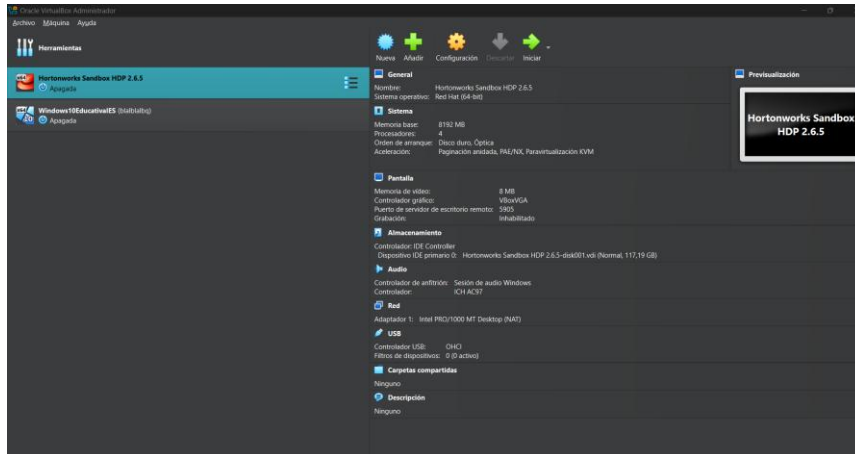


Instalación Hadoop

1) Instalación de la máquina virtual

1) Instalamos la maquina



2) La arrancamos

```
=====
First boot detected :)
Please wait while the Hortonworks Sandbox is extracted and deployed.
This process will only occur once.
Grab a drink - this may take a few minutes.
=====

While you wait, read up on interesting data articles here:
https://community.hortonworks.com/kb/list.html

Extracting and loading the Hortonworks Sandbox...
```

3) Llegamos a la pantalla

```
Hortonworks HDP Sandbox
https://hortonworks.com/products/sandbox

To quickly get started with the Hortonworks Sandbox, follow this tutorial:
https://hortonworks.com/tutorial/hadoop-tutorial-getting-started-with-hdp/

To initiate your Hortonworks Sandbox session, open a browser to this address:

For VirtualBox:
Welcome screen: http://localhost:10880
SSH: http://localhost:4200

For VMWare:
Welcome screen: http://10.0.2.15:10880
SSH: http://10.0.2.15:4200
```

2) Ponemos todo en marcha

1) Accedemos al terminal

```
localhost:4200
[maria_dev@sandbox-hdp ~]$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
5: eth0@if6: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default
    link/ether 02:42:ac:12:00:02 brd ff:ff:ff:ff:ff:ff link-netnsid 0
    inet 172.18.0.2/16 brd 172.18.255.255 scope global eth0
        valid_lft forever preferred_lft forever
[maria_dev@sandbox-hdp ~]$
```

2) Añadimos los hosts

```
hosts
Archivo  Editar  Ver  H1  B  I  A
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#       102.54.94.97   rhino.acme.com   # source server
#       38.25.63.10   x.acme.com      # x client host
#
# localhost name resolution is handled within DNS itself.
#       127.0.0.1     localhost
#       ::1           localhost
172.18.0.2/16 localhost sandbox-hdp.hortonworks.com sandbox-hdf.hortonworks.com
Ln 1, Col 1  883 caracteres.  Texto sin formato  100%  Windows (CRLF)  UTF-8
```

3) Configuramos la contraseña del admin

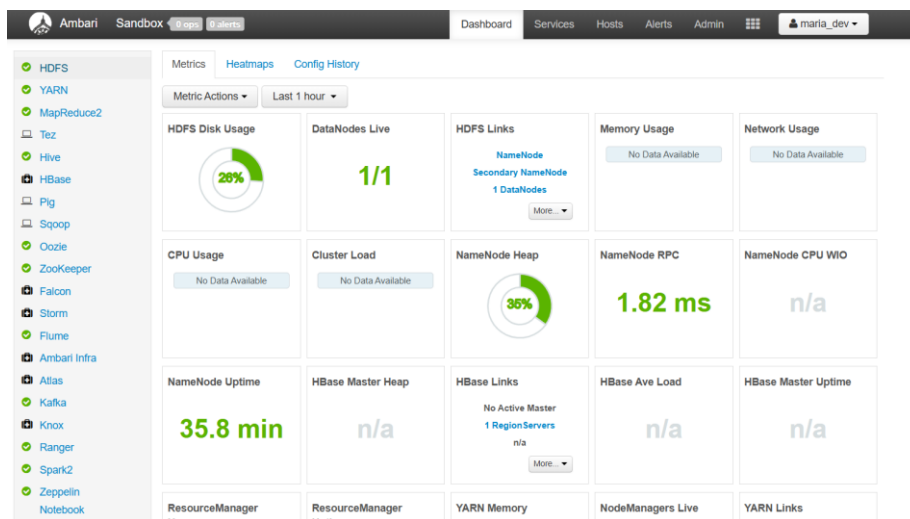
```
[maria_dev@sandbox-hdp ~]$ ambari-admin-password-reset
-bash: /usr/sbin/ambari-admin-password-reset: Permission denied
[maria_dev@sandbox-hdp ~]$ sudo ambari-admin-password-reset
Please set the password for admin:
Please retype the password for admin:
```

The admin password has been set.
Restarting ambari-server to make the password change effective...

Using python /usr/bin/python
Restarting ambari-server

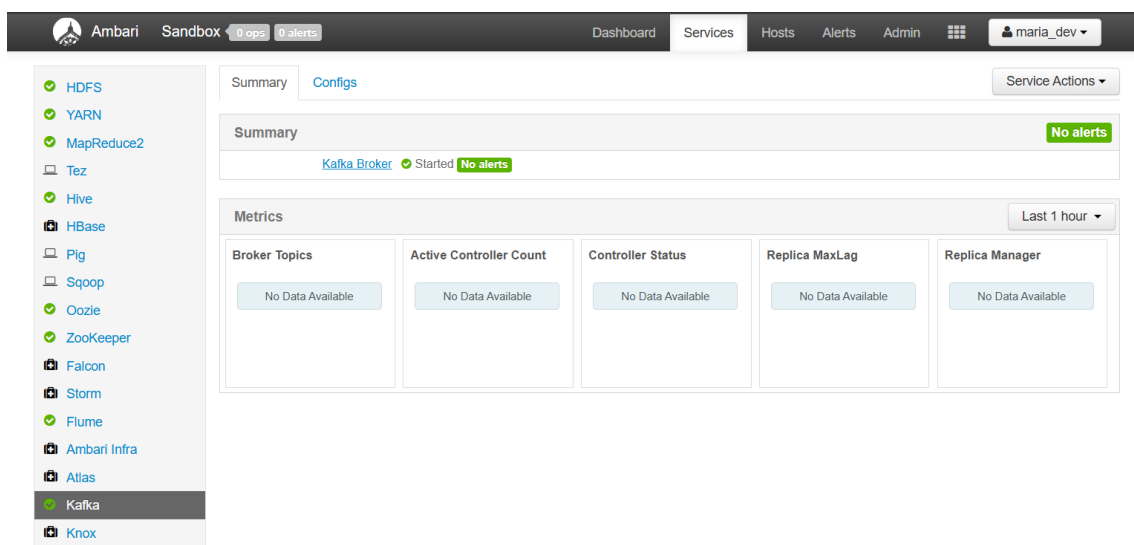
]

4) Accedemos a la consola



5) Navegamos por ella

| Service | Config Group | Created | Author | Notes |
|--------------|------------------------|-------------------------|----------|-------|
| V2 Spark2 | Default Current | Mon, Jun 18, 2018 17:30 | internal | |
| V2 Kafka | Default Current | Mon, Jun 18, 2018 17:30 | internal | |
| V2 Hive | Default Current | Mon, Jun 18, 2018 17:30 | internal | |
| V2 Ranger | Default Current | Mon, Jun 18, 2018 17:30 | internal | |
| V2 ZooKeeper | Default Current | Mon, Jun 18, 2018 17:30 | internal | |
| V2 HDFS | Default Current | Mon, Jun 18, 2018 17:30 | internal | |
| V2 Druid | Default Current | Mon, Jun 18, 2018 17:30 | internal | |
| V1 Spark2 | Default | Mon, Jun 18, 2018 17:30 | admin | |
| V1 Falcon | Default Current | Mon, Jun 18, 2018 17:30 | admin | |
| V1 Kafka | Default | Mon, Jun 18, 2018 17:30 | admin | |



6) Creamos un archivo de ejemplo

```
[maria_dev@sandbox-hdp ~]$ touch ejemplo
[maria_dev@sandbox-hdp ~]$ ll
total 0
-rw-rw-r-- 1 maria_dev maria_dev 0 Nov  3 19:21 ejemplo
[maria_dev@sandbox-hdp ~]$ █
```