



Big Data

2025/26

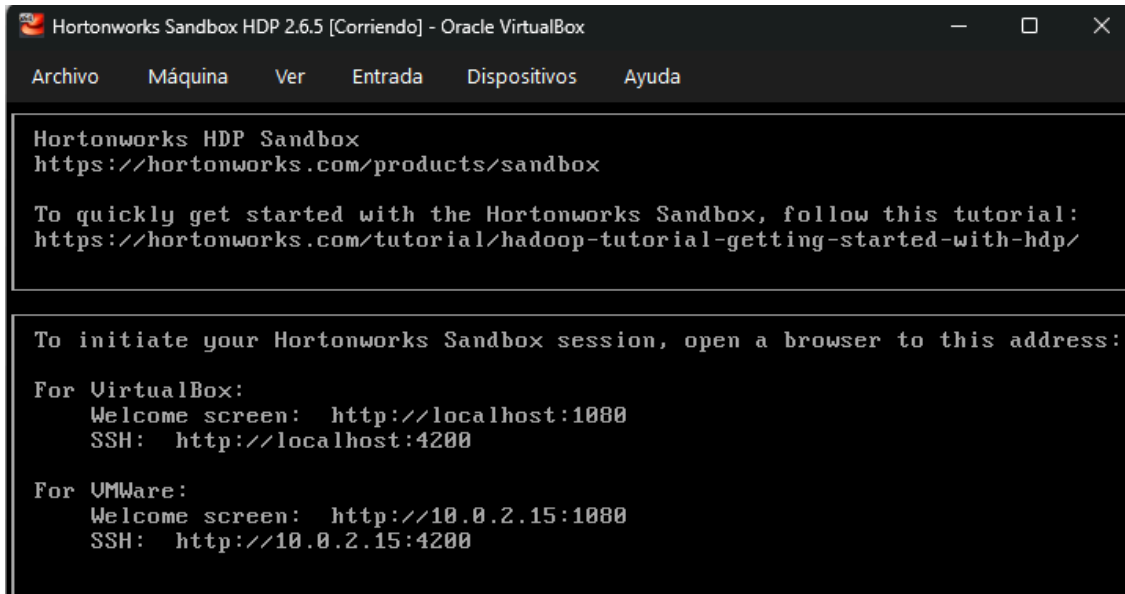
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1. Instalación Hortonworks HDP

1.



```
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:

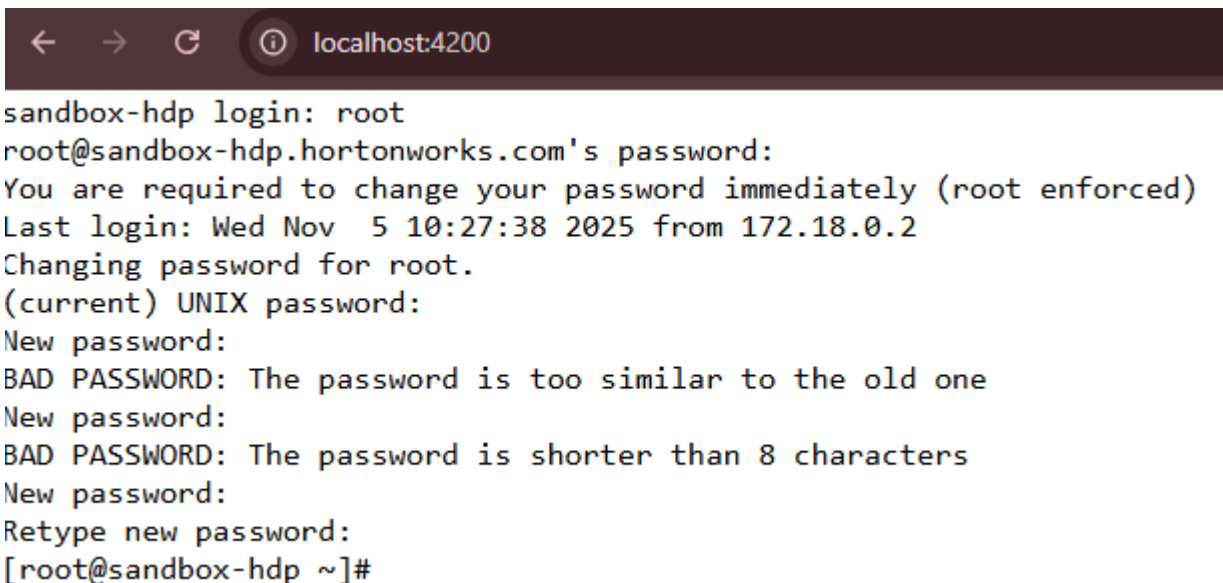
For VirtualBox:
Welcome screen: http://localhost:1080
SSH: http://localhost:4200

For VMWare:
Welcome screen: http://10.0.2.15:1080
SSH: http://10.0.2.15:4200
```

2.

No me saltó ningún error en el arranque.

3.



```
sandbox-hdp login: root
root@sandbox-hdp.hortonworks.com's password:
You are required to change your password immediately (root enforced)
Last login: Wed Nov  5 10:27:38 2025 from 172.18.0.2
Changing password for root.
(current) UNIX password:
New password:
BAD PASSWORD: The password is too similar to the old one
New password:
BAD PASSWORD: The password is shorter than 8 characters
New password:
Retype new password:
[root@sandbox-hdp ~]#
```

4.

```

hosts
Archivo  Editor  Ver  H1 v

# 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
# Added by Docker Desktop
10.140.41.30 host.docker.internal
10.140.41.30 gateway.docker.internal
# To allow the same kube context to work on the host and the container:
127.0.0.1 kubernetes.docker.internal
# End of section
127.0.0.1 localhost sandbox-hdp.hortonworks.com sandbox-hdf.hortonworks.com

```

5.

Me conecto con maria_dev

The image shows two parts of the Ambari interface. The top part is a 'Sign in' form with fields for 'Username' (containing 'maria_dev') and 'Password' (masked with dots), and a green 'Sign in' button. The bottom part is the Ambari Dashboard header and a sidebar. The header shows 'Ambari Sandbox' with '0 ops' and '0 alerts', and navigation links for 'Dashboard', 'Services', 'Hosts', 'Alerts', and 'Admin'. The user 'maria_dev' is logged in. The sidebar shows a list of services: HDFS, YARN, and MapReduce2, all with green status icons. The main content area shows tabs for 'Metrics', 'Heatmaps', and 'Config History', with a 'Metric Actions' dropdown and a 'Last 1 hour' time range selector.

6.

```
[root@sandbox-hdp ~]# ambari-admin-password-reset
Please set the password for admin:
Please retype the password for admin:

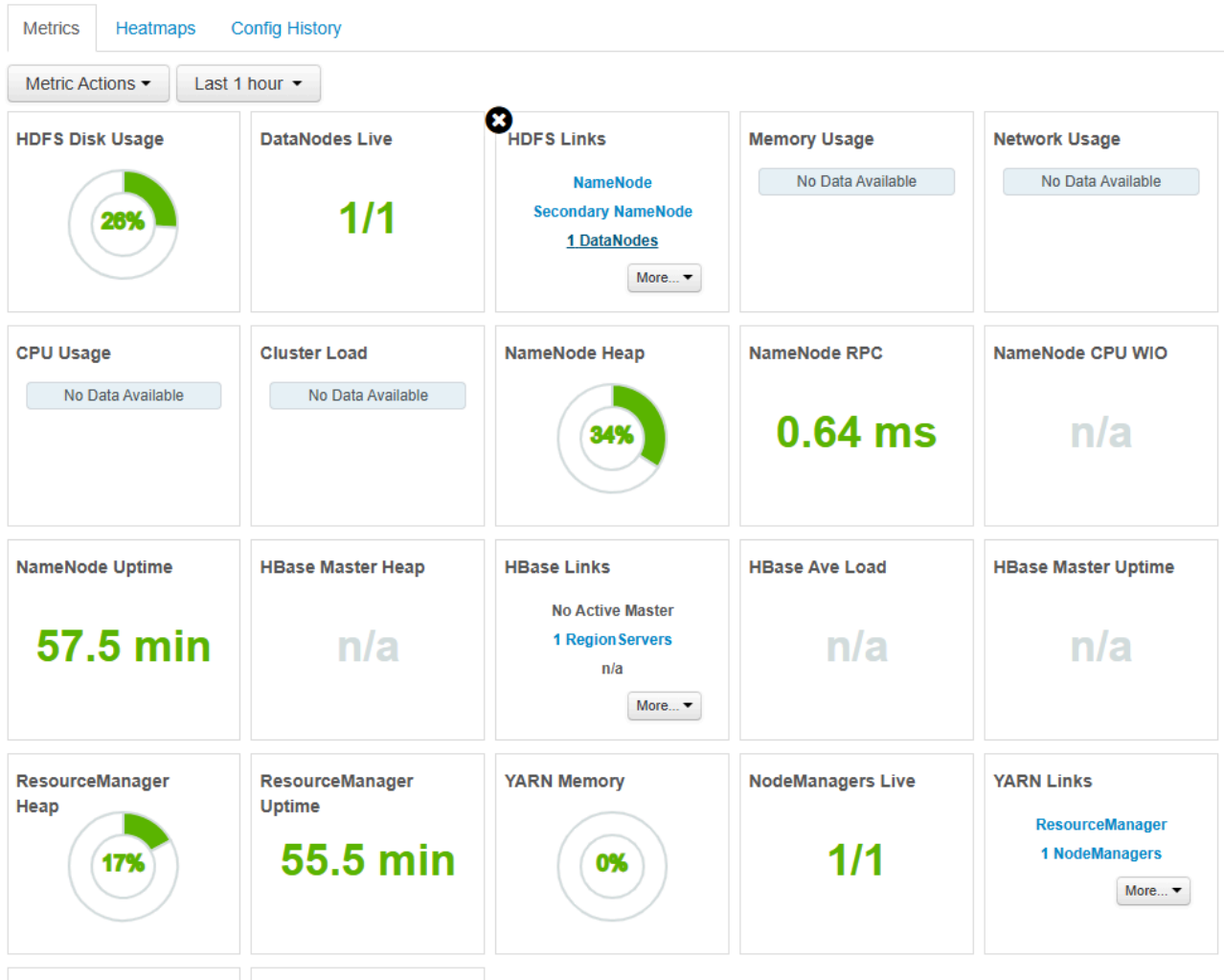
The admin password has been set.
Restarting ambari-server to make the password change effective...

Using python /usr/bin/python
Restarting ambari-server
Waiting for server stop...
Ambari Server stopped
Ambari Server running with administrator privileges.
Organizing resource files at /var/lib/ambari-server/resources...
Ambari database consistency check started...
Server PID at: /var/run/ambari-server/ambari-server.pid
Server out at: /var/log/ambari-server/ambari-server.out
Server log at: /var/log/ambari-server/ambari-server.log
Waiting for server start.....
Server started listening on 8080

DB configs consistency check: no errors and warnings were found.
[root@sandbox-hdp ~]#
```

7.

Panel principal, Métricas de velocidad



Historial de configuración de archivos

Metrics Heatmaps Config History				
Service	Config Group	Created	Author	Notes
All	All	Any	Any	Any
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	

Show: 10 1 - 10 of 30

Explorador de todos los archivos

Ambari Sandbox 0 ops 1 alert Dashboard Services Hosts Alerts Admin maria_dev						
Total: 11 files or folders						
Search in current directory...						
Name	Size	Last Modified	Owner	Group	Permission	
app-logs	--	2018-06-18 17:18	yarn	hadoop	drwxrwxrwx	
apps	--	2018-06-18 18:13	hdfs	hdfs	drwxr-xr-x	
ats	--	2018-06-18 16:52	yarn	hadoop	drwxr-xr-x	
hdp	--	2018-06-18 16:52	hdfs	hdfs	drwxr-xr-x	
livy2-recovery	--	2018-06-18 17:11	livy	hdfs	drwx-----	
mapred	--	2018-06-18 16:52	mapred	hdfs	drwxr-xr-x	
mr-history	--	2018-06-18 16:52	mapred	hadoop	drwxrwxrwx	
ranger	--	2018-06-18 17:59	hdfs	hdfs	drwxr-xr-x	
spark2-history	--	2025-11-06 09:06	spark	hadoop	drwxrwxrwx	
tmp	--	2018-06-18 18:06	hdfs	hdfs	drwxrwxrwx	
user	--	2018-06-18 18:08	hdfs	hdfs	drwxr-xr-x	