



**Doctor Fleming**  
Instituto de Educación Secundaria

# **Big Data**

**2025/26**

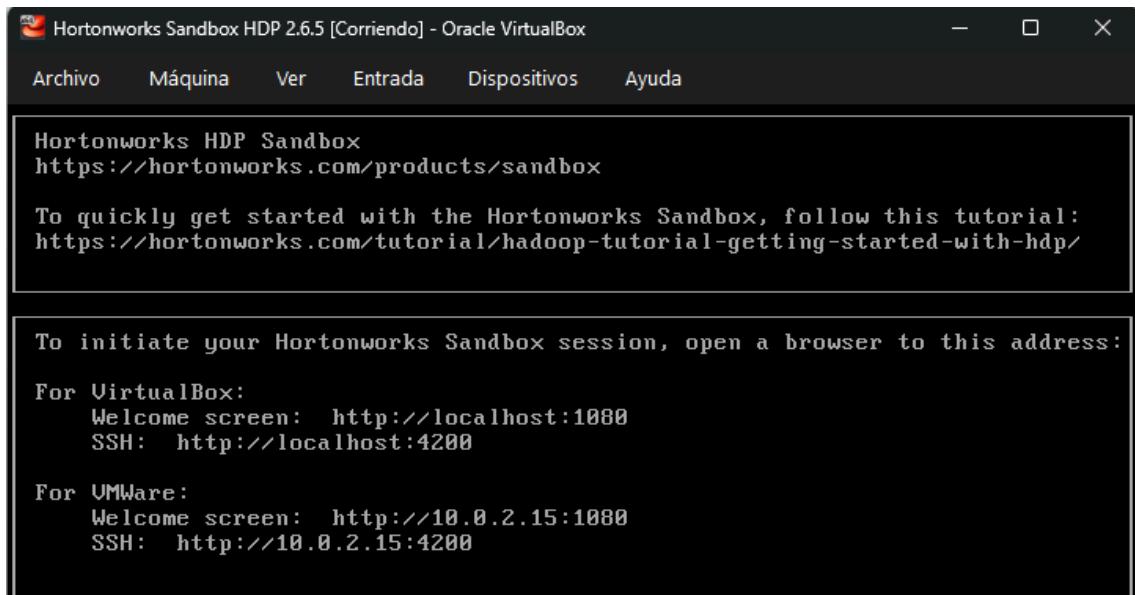
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# 1. Instalación Hortonworks HDP

1.



2.

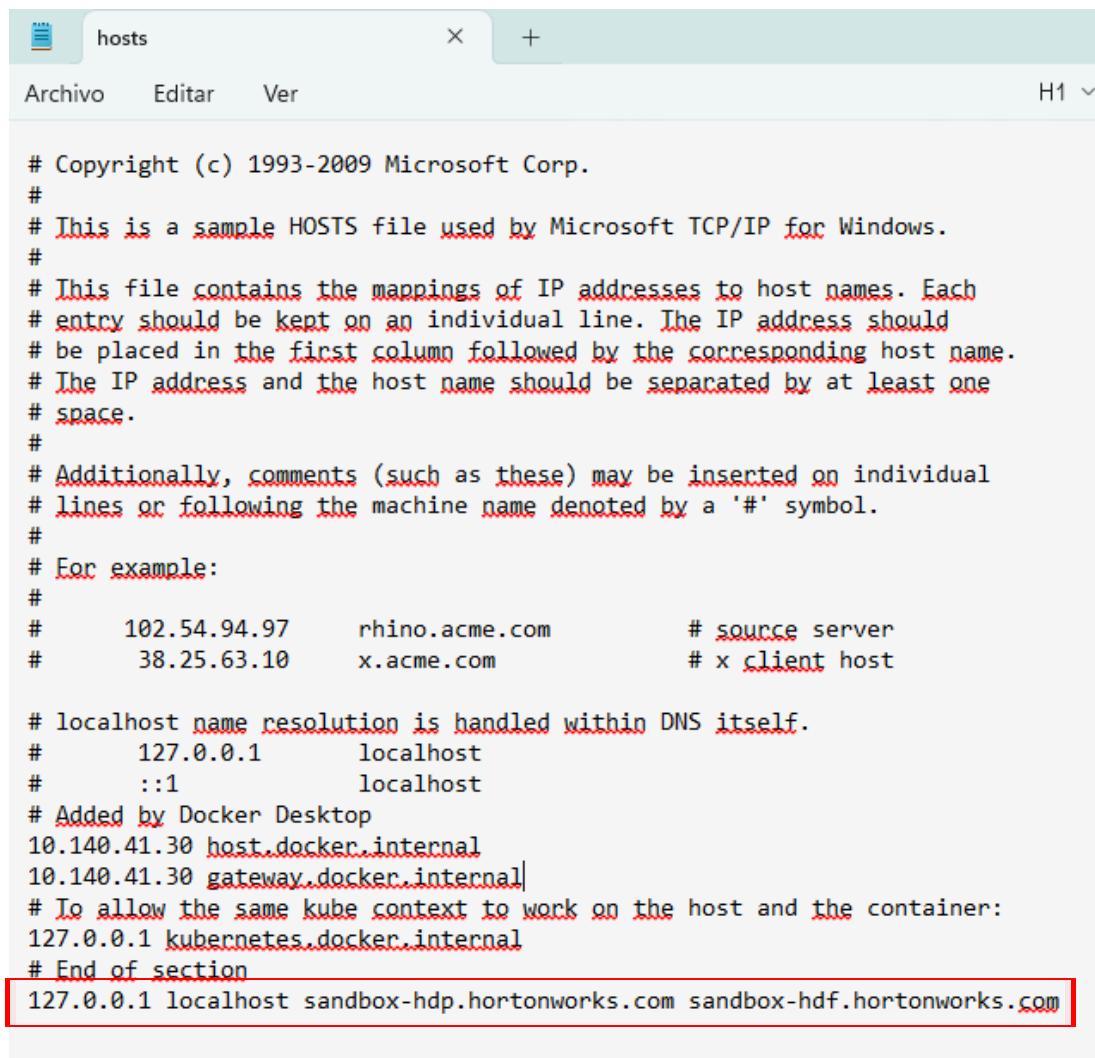
No me saltó ningún error en el arranque.

3.

```
← → ⌂ ⓘ localhost:4200

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.



The screenshot shows a Windows hosts file being edited. The window title is "hosts". The menu bar includes "Archivo", "Editar", "Ver", and "H1". The main content area displays the following text:

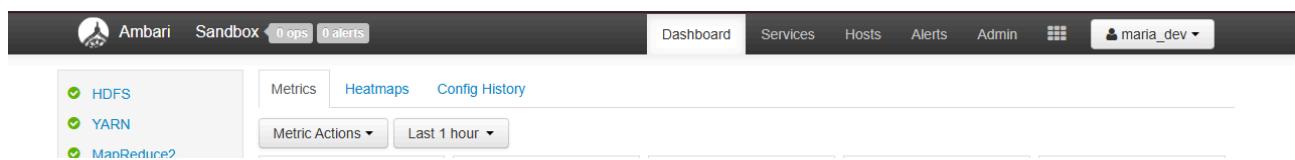
```
# Copyright (c) 1993-2009 Microsoft Corp.  
#  
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.  
#  
# This file contains the mappings of IP addresses to host names. Each  
# entry should be kept on an individual line. The IP address should  
# be placed in the first column followed 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 a 'Sign in' form. It has two input fields: 'Username' containing 'maria\_dev' and 'Password' containing '.....'. Below the password field is a green 'Sign in' button.



The image shows the Ambari dashboard. At the top, it says 'Ambari' and 'Sandbox' with '0 ops' and '0 alerts'. Below that is a navigation bar with 'Dashboard', 'Services', 'Hosts', 'Alerts', 'Admin', and a user icon for 'maria\_dev'. On the left, there's a sidebar with icons for HDFS, YARN, and MapReduce2, all of which are green. In the center, there are tabs for 'Metrics', 'Heatmaps', and 'Config History', with 'Metrics' being the active tab. Below the tabs are buttons for 'Metric Actions' and 'Last 1 hour'.

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...

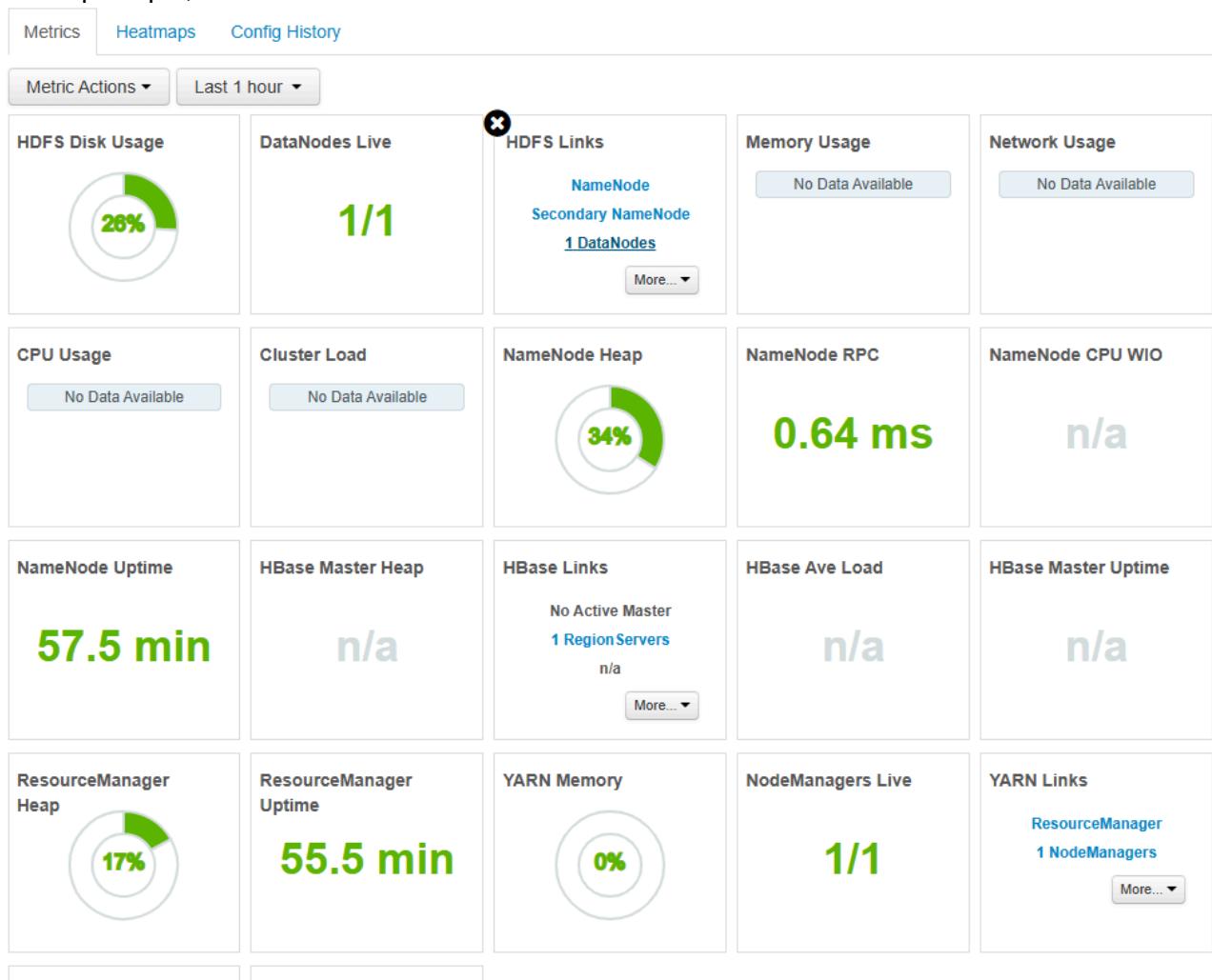
Using python /usr/bin/python
Restarting ambari-server
Waiting for server stop...
Ambari Server stopped
Ambari Server running with administrator privileges.
Organizing resource files at /var/lib/ambari-server/resources...
Ambari database consistency check started...
Server PID at: /var/run/ambari-server/ambari-server.pid
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 ~]#
```

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7.

Panel principal, Métricas de velocidad



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### Histórico de configuración de archivos

Metrics	Heatmaps	Config History			
Service	Config Group	Created	Author	Notes	
All	All	Any	Any	Any	
V2 Spark2	Default <span style="background-color: #2e7131; color: white; padding: 2px 5px;">Current</span>	Mon, Jun 18, 2018 17:30	internal		
V2 Kafka	Default <span style="background-color: #2e7131; color: white; padding: 2px 5px;">Current</span>	Mon, Jun 18, 2018 17:30	internal		
V2 Hive	Default <span style="background-color: #2e7131; color: white; padding: 2px 5px;">Current</span>	Mon, Jun 18, 2018 17:30	internal		
V2 Ranger	Default <span style="background-color: #2e7131; color: white; padding: 2px 5px;">Current</span>	Mon, Jun 18, 2018 17:30	internal		
V2 ZooKeeper	Default <span style="background-color: #2e7131; color: white; padding: 2px 5px;">Current</span>	Mon, Jun 18, 2018 17:30	internal		
V2 HDFS	Default <span style="background-color: #2e7131; color: white; padding: 2px 5px;">Current</span>	Mon, Jun 18, 2018 17:30	internal		
V2 Druid	Default <span style="background-color: #2e7131; color: white; padding: 2px 5px;">Current</span>	Mon, Jun 18, 2018 17:30	internal		
V1 Spark2	Default	Mon, Jun 18, 2018 17:30	admin		
V1 Falcon	Default <span style="background-color: #2e7131; color: white; padding: 2px 5px;">Current</span>	Mon, Jun 18, 2018 17:30	admin		
V1 Kafka	Default	Mon, Jun 18, 2018 17:30	admin		

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### Explorador de todos los archivos

Ambari		Sandbox	0 ops	1 alert	Dashboard	Services	Hosts	Alerts	Admin	User: maria_dev
			/	Total: 11 files or folders						
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				
ivy2-recovery		--	2018-06-18 17:11	ivy	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				