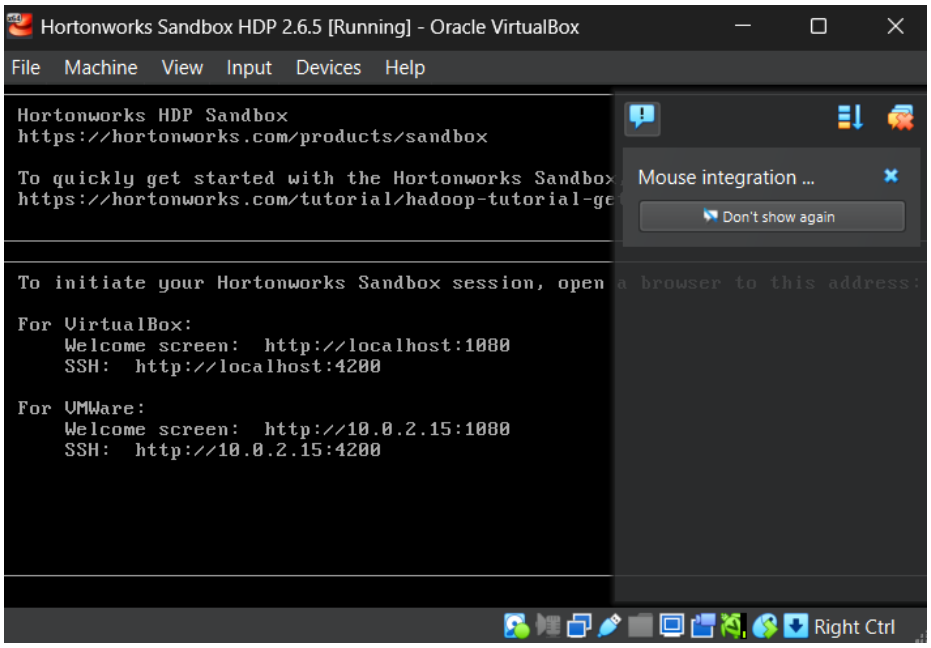
Practical-02

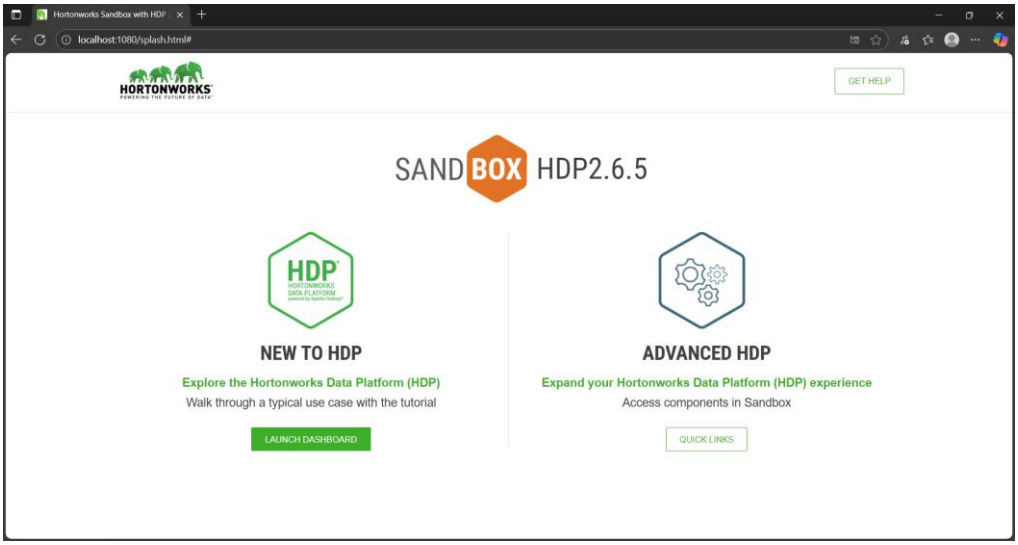
Aim:- Install and configure Hadoop using HDP Sandbox in a VirtualBox, and perform Hive queries on a dataset.

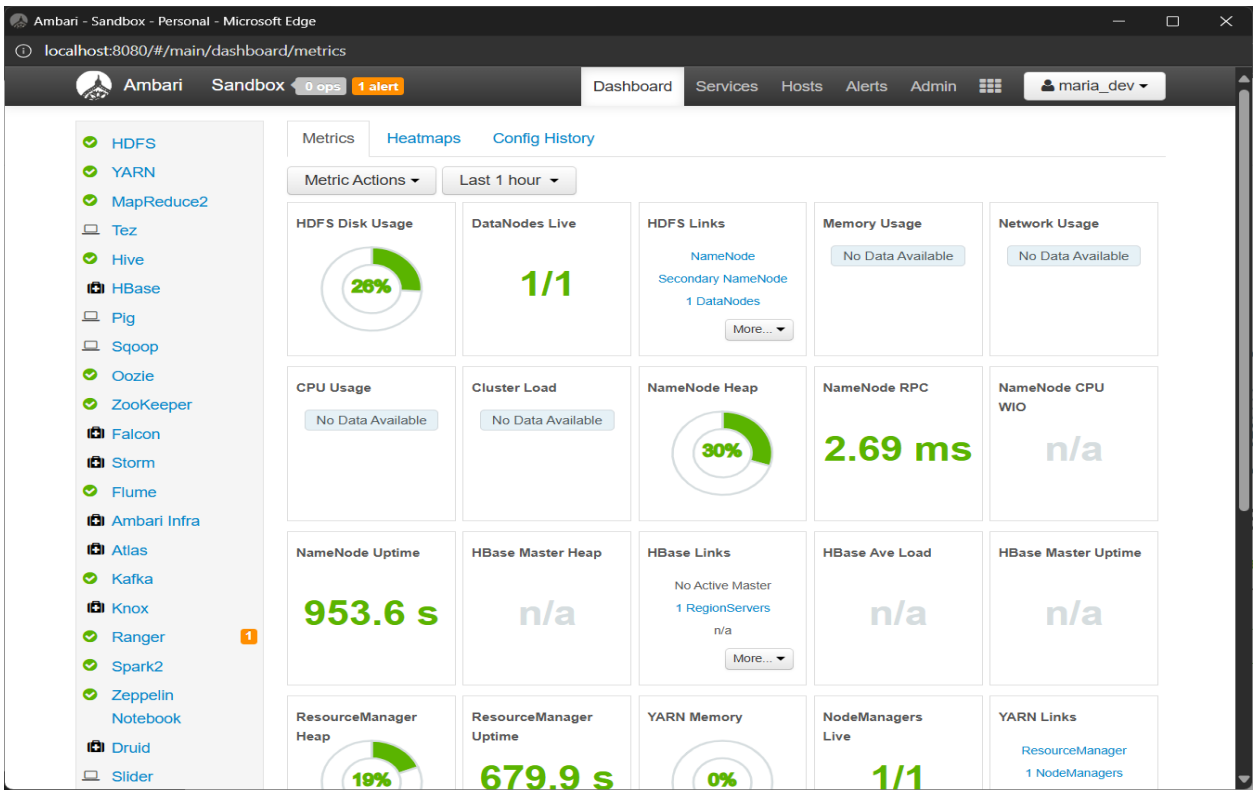
1. Download HDP Sandbox and import into virtualbox.

2. Start the Sandbox VM , it will display the URL to access Ambari.



3. The URL will open Ambari Dashboard , click on launch dashboard it will open a login page, login using:
    - Username : maria_dev
    - Password : maria_dev


Hortonworks Sandbox with HDP
localhost:1080/splash.html#
HORTONWORKS
GET HELP
SANDBOX HDP2.6.5
HDP
NEW TO HDP
Explore the Hortonworks Data Platform (HDP)
Walk through a typical use case with the tutorial
LAUNCH DASHBOARD
ADVANCED HDP
Expand your Hortonworks Data Platform (HDP) experience
Access components in Sandbox
QUICK LINKS


Ambari - Sandbox - Personal - Microsoft Edge
localhost:8080/#/main/dashboard/metrics
Ambari
Sandbox
0 ops
1 alert
Dashboard
Services
Hosts
Alerts
Admin
maria_dev
HDFS
YARN
MapReduce2
Tez
Hive
HBase
Pig
Sqoop
Oozie
ZooKeeper
Falcon
Storm
Flume
Ambari Infra
Atlas
Kafka
Knox
Ranger
Spark2
Zeppelin Notebook
Druid
Slider
Metrics
Heatmaps
Config History
Metric Actions
Last 1 hour
HDFS Disk Usage
26%
DataNodes Live
1/1
HDFS Links
NameNode
Secondary NameNode
1 DataNodes
More...
Memory Usage
No Data Available
Network Usage
No Data Available
CPU Usage
No Data Available
Cluster Load
No Data Available
NameNode Heap
30%
NameNode RPC
2.69 ms
NameNode CPU WIO
n/a
NameNode Uptime
953.6 s
HBase Master Heap
n/a
HBase Links
No Active Master
1 RegionServers
n/a
More...
HBase Ave Load
n/a
HBase Master Uptime
n/a
ResourceManager Heap
19%
ResourceManager Uptime
679.9 s
YARN Memory
0%
NodeManagers Live
1/1
YARN Links
ResourceManager
1 NodeManagers