Course: MMDS

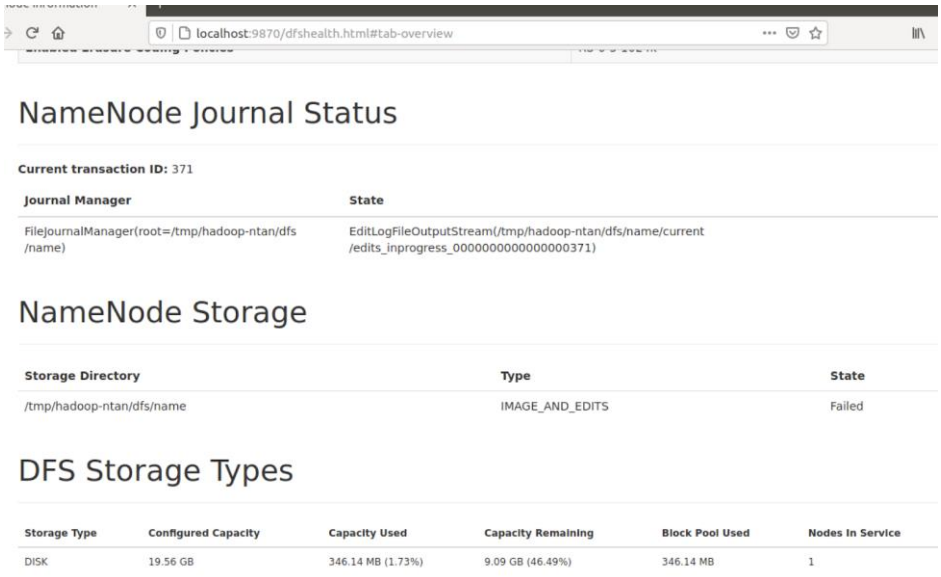
Lab 01

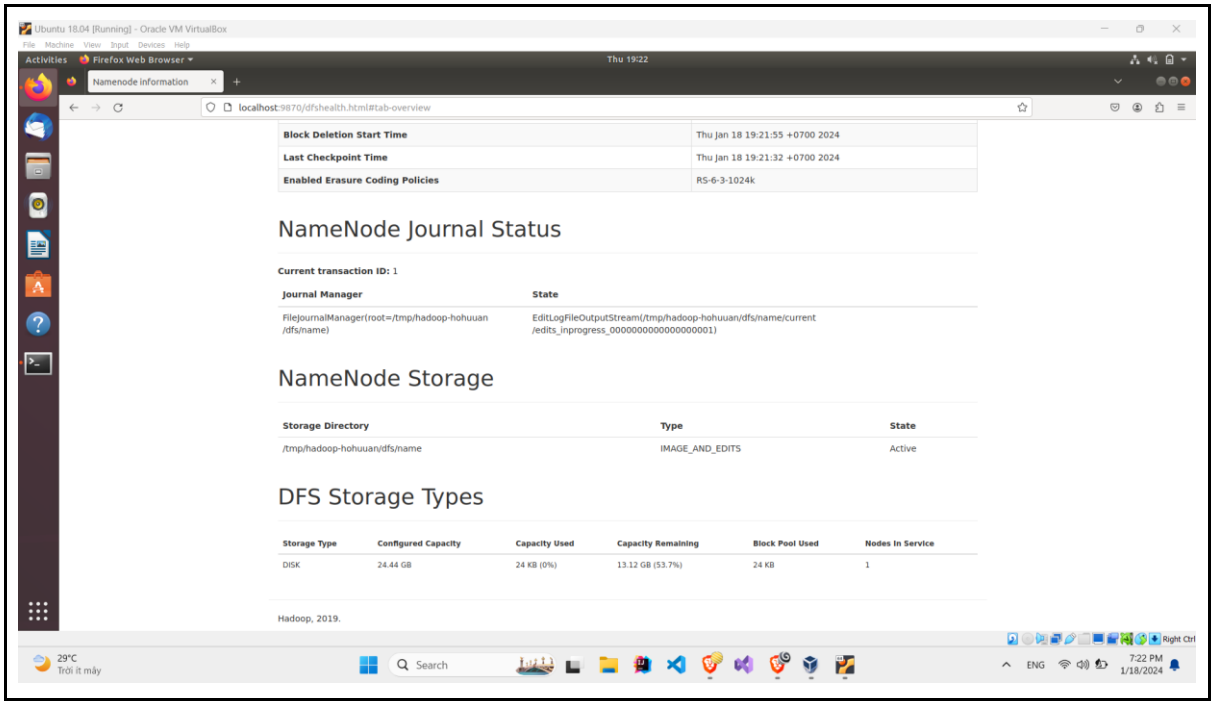
Set up Hadoop

Fill answers of the questions below in the given tables.
Your screenshots must contain commands for required operations.

Question 1:

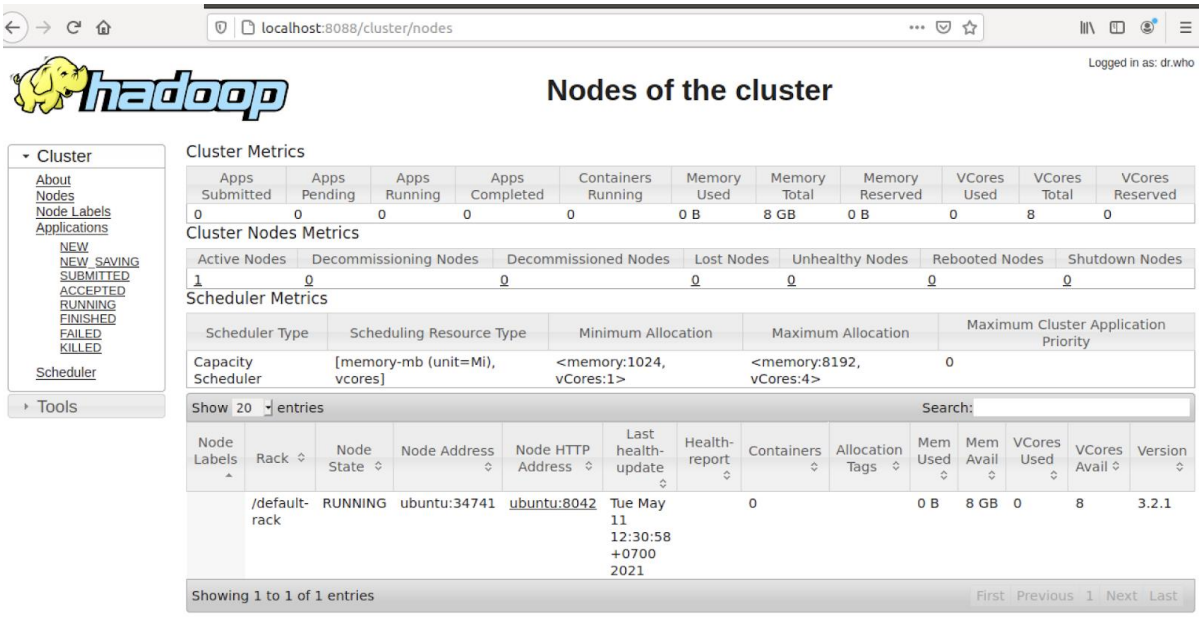
Set up Hadoop following this tutorial and then take a screenshot of the hdfs-site (localhost:9870) which shows information for NameNode Journal Status, NameNode Storage, DFS Storage Types (Overview page).
For example,

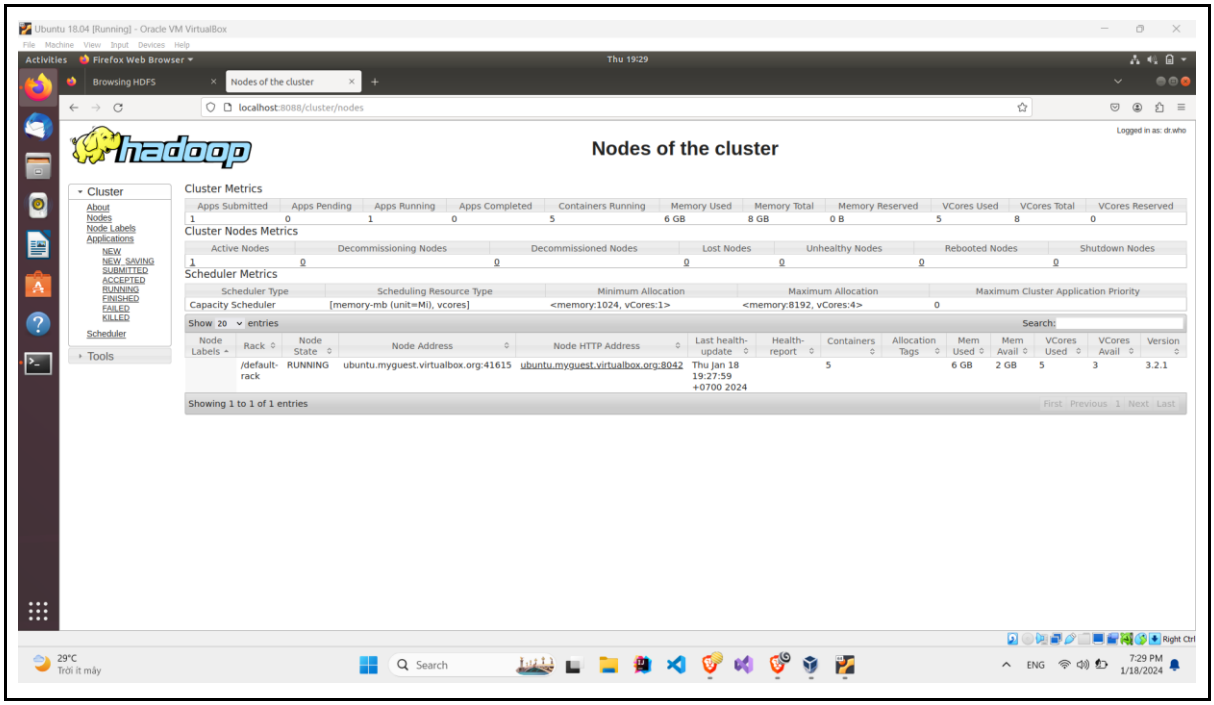




Question 2:

Set up Hadoop following this tutorial and then take a screenshot of the yarn-site (localhost:8088) which shows information for nodes (http://localhost:8088/cluster/nodes).
For example,




Ubuntu 18.04 [Running] - Oracle VM VirtualBox
Activities
Firefox Web Browser
Thu 19:29
Browsing HDFS
Nodes of the cluster
localhost:8088/cluster/nodes
Logged in as: dr.who
Nodes of the cluster
Cluster
About
Nodes
Node Labels
Applications
NEW
NEW_SAVING
SUBMITTED
ACCEPTED
RUNNING
FINISHED
FAILED
KILLED
Scheduler
Tools
Cluster Metrics
Apps Submitted | Apps Pending | Apps Running | Apps Completed | Containers Running | Memory Used | Memory Total | Memory Reserved | VCores Used | VCores Total | VCores Reserved
1 | 0 | 1 | 0 | 5 | 6 GB | 8 GB | 0 B | 5 | 8 | 0
Cluster Nodes Metrics
Active Nodes | Decommissioning Nodes | Decommissioned Nodes | Lost Nodes | Unhealthy Nodes | Rebooted Nodes | Shutdown Nodes
1 | 0 | 0 | 0 | 0 | 0 | 0
Scheduler Metrics
Scheduler Type | Scheduling Resource Type | Minimum Allocation | Maximum Allocation | Maximum Cluster Application Priority
Capacity Scheduler | [memory-mb (unit=Mi), vcores] | <memory:1024, vCores:1> | <memory:8192, vCores:4> | 0
Show 20 entries
Search:
Node Labels | Rack | Node State | Node Address | Node HTTP Address | Last health-update | Health-report | Containers | Allocation Tags | Mem Used | Mem Avail | VCores Used | VCores Avail | Version
/default-rack | RUNNING | ubuntu.myguest.virtualbox.org:41615 | ubuntu.myguest.virtualbox.org:8042 | Thu Jan 18 19:27:59 +0700 2024 | | 5 | | 6 GB | 2 GB | 5 | 3 | 3.2.1
Showing 1 to 1 of 1 entries
First Previous 1 Next Last
29°C
Trời ít mây
Search
ENG
7:29 PM
1/18/2024

Submission Notice

- Export your answer file as pdf
- Rename the pdf following the format:

  lab01_<student number>_<Full Name>.pdf

  E.g: **lab01_123456_NguyenThanhAn.pdf**

  If you have not been assigned a student number yet, then use 123456 instead.
- Careless mistakes in filename, format, question order, etc. are not accepted (0 pts).