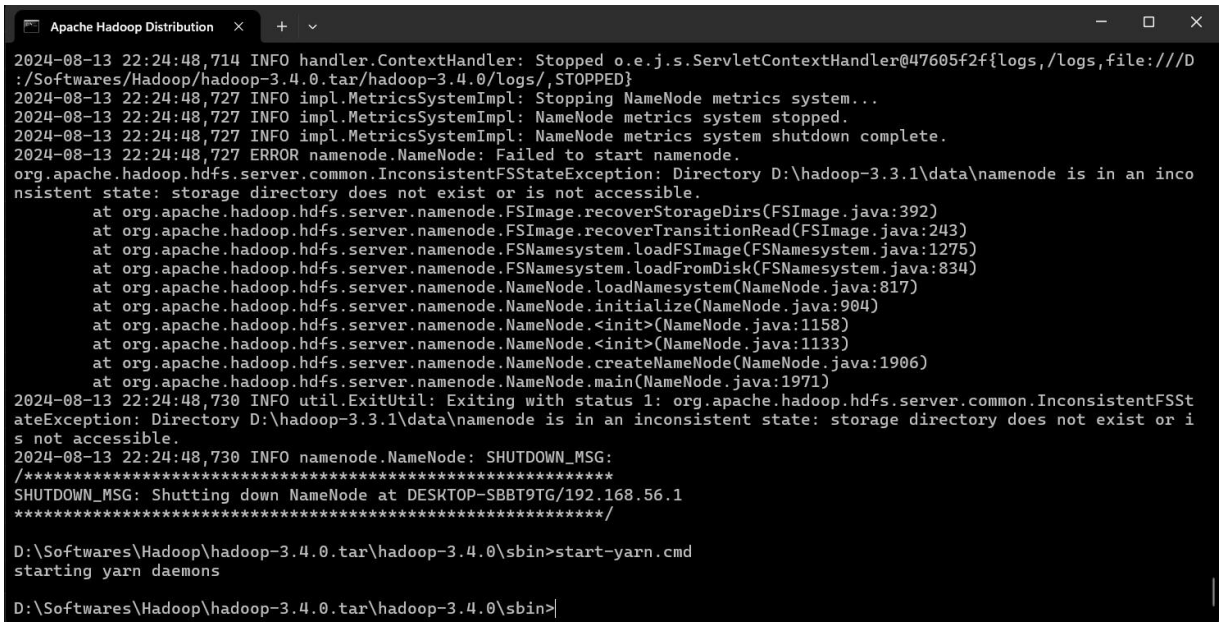
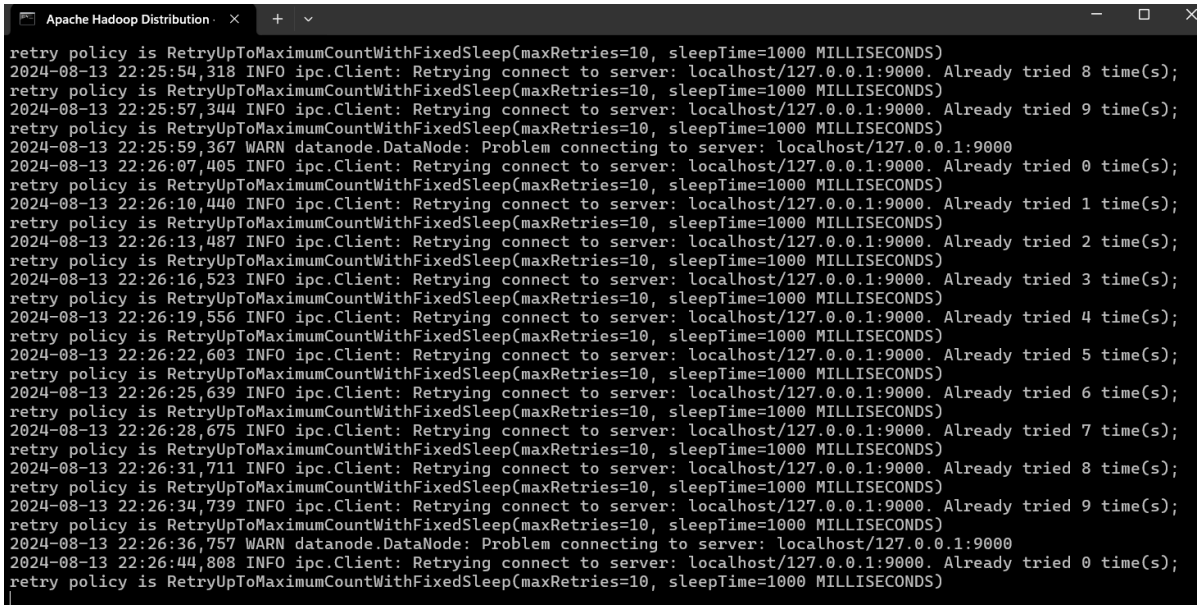
**Exp No: 1**

# INSTALLATION OF HADOOP

## SCREENSHOTS



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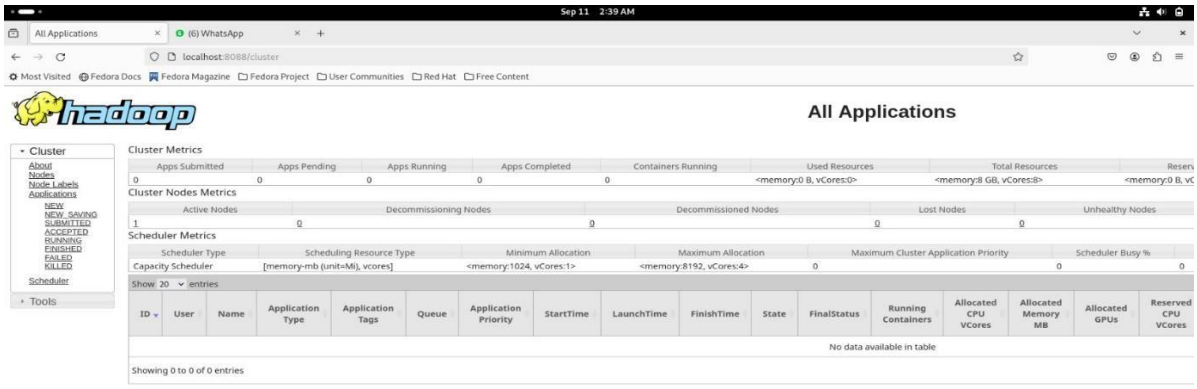
Apache Hadoop Distribution
2024-08-13 22:25:34,931 INFO util.JvmPauseMonitor: Starting JVM pause monitor
2024-08-13 22:25:34,974 INFO ipc.CallQueueManager: Using callQueue: class java.util.concurrent.LinkedBlockingQueue, queu
eCapacity: 5000, scheduler: class org.apache.hadoop.ipc.DefaultRpcScheduler, ipcBackoff: false, ipcFailOver: false.
2024-08-13 22:25:34,980 INFO ipc.Server: Listener at 0.0.0.0:8030
2024-08-13 22:25:34,980 INFO ipc.Server: Starting Socket Reader #1 for port 8030
2024-08-13 22:25:34,989 INFO pb.RpcServerFactoryPBImpl: Adding protocol org.apache.hadoop.yarn.api.ApplicationMasterProt
ocolPB to the server
2024-08-13 22:25:34,989 INFO ipc.Server: IPC Server Responder: starting
2024-08-13 22:25:34,989 INFO ipc.Server: IPC Server listener on 8030: starting
2024-08-13 22:25:35,134 INFO ipc.CallQueueManager: Using callQueue: class java.util.concurrent.LinkedBlockingQueue, queu
eCapacity: 5000, scheduler: class org.apache.hadoop.ipc.DefaultRpcScheduler, ipcBackoff: false, ipcFailOver: false.
2024-08-13 22:25:35,134 INFO ipc.Server: Listener at 0.0.0.0:8032
2024-08-13 22:25:35,134 INFO ipc.Server: Starting Socket Reader #1 for port 8032
2024-08-13 22:25:35,147 INFO pb.RpcServerFactoryPBImpl: Adding protocol org.apache.hadoop.yarn.api.ApplicationClientProt
ocolPB to the server
2024-08-13 22:25:35,147 INFO ipc.Server: IPC Server Responder: starting
2024-08-13 22:25:35,147 INFO ipc.Server: IPC Server listener on 8032: starting
2024-08-13 22:25:36,299 INFO webproxy.ProxyCA: Created Certificate for OU=YARN-3fd21288-c809-4482-b2b1-c918b2ae3433
2024-08-13 22:25:36,380 INFO recovery.RMStateStore: Storing CA Certificate and Private Key
2024-08-13 22:25:36,380 INFO resourcemanager.ResourceManager: Transitioned to active state
2024-08-13 22:25:51,212 INFO resourcemanager.ResourceTrackerService: NodeManager from node DESKTOP-SBBT9TG(cmPort: 52991
 httpPort: 8042) registered with capability: <memory:8192, vCores:8>, assigned nodeId DESKTOP-SBBT9TG:52991
2024-08-13 22:25:51,222 INFO rmnode.RMNodeImpl: DESKTOP-SBBT9TG:52991 Node Transitioned from NEW to RUNNING
2024-08-13 22:25:51,244 INFO capacity.AbstractLeafQueue: LeafQueue: root.default update max app related, maxApplications
=10000, maxApplicationsPerUser=10000, Abs Cap:1.0, Cap: 1.0, MaxCap : 1.0
2024-08-13 22:25:51,244 INFO capacity.CapacityScheduler: Added node DESKTOP-SBBT9TG:52991 clusterResource: <memory:8192,
 vCores:8>
2024-08-13 22:25:51,244 INFO capacity.AbstractLeafQueue: LeafQueue: root.default update max app related, maxApplications
=10000, maxApplicationsPerUser=10000, Abs Cap:1.0, Cap: 1.0, MaxCap : 1.0
```

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Apache Hadoop Distribution
INFO: Registering org.apache.hadoop.yarn.server.nodemanager.webapp.JAXBContextResolver as a provider class
Aug 13, 2024 10:25:44 PM com.sun.jersey.server.impl.application.WebApplicationImpl _initiate
INFO: Initiating Jersey application, version 'Jersey: 1.19.4 05/24/2017 03:20 PM'
Aug 13, 2024 10:25:44 PM com.sun.jersey.guice.spi.container.GuiceComponentProviderFactory getComponentProvider
INFO: Binding org.apache.hadoop.yarn.server.nodemanager.webapp.JAXBContextResolver to GuiceManagedComponentProvider with
 the scope "Singleton"
Aug 13, 2024 10:25:45 PM com.sun.jersey.guice.spi.container.GuiceComponentProviderFactory getComponentProvider
INFO: Binding org.apache.hadoop.yarn.webapp.GenericExceptionHandler to GuiceManagedComponentProvider with the scope "Sin
gleton"
Aug 13, 2024 10:25:45 PM com.sun.jersey.guice.spi.container.GuiceComponentProviderFactory getComponentProvider
INFO: Binding org.apache.hadoop.yarn.server.nodemanager.webapp.NMWebServices to GuiceManagedComponentProvider with the s
cope "Singleton"
2024-08-13 22:25:45,534 INFO handler.ContextHandler: Started o.e.j.w.WebAppContext@aa1bb14{node,/,file:///C:/Users/Hares
h/AppData/Local/Temp/jetty-0_0_0_0-8042-hadoop-yarn-common-3_4_0_jar-_-any-3589810351802953548/webapp/,AVAILABLE}{jar:fi
le:/D:/Softwares/Hadoop/hadoop-3.4.0.tar/hadoop-3.4.0/share/hadoop/yarn/hadoop-yarn-common-3.4.0.jar!/webapps/node}
2024-08-13 22:25:45,558 INFO server.AbstractConnector: Started ServerConnector@4cdb8504{HTTP/1.1, (http/1.1)}{0.0.0.0:80
42}
2024-08-13 22:25:45,558 INFO server.Server: Started @28007ms
2024-08-13 22:25:45,560 INFO webapp.WebApps: Web app node started at 8042
2024-08-13 22:25:45,560 INFO nodemanager.NodeStatusUpdaterImpl: Node ID assigned is : DESKTOP-SBBT9TG:52991.
2024-08-13 22:25:45,565 INFO util.JvmPauseMonitor: Starting JVM pause monitor
2024-08-13 22:25:45,723 INFO client.DefaultNoHARMFailoverProxyProvider: Connecting to ResourceManager at /0.0.0.0:8031
2024-08-13 22:25:45,806 INFO nodemanager.NodeStatusUpdaterImpl: Running Applications Size : 0.
2024-08-13 22:25:51,244 INFO security.NMContainerTokenSecretManager: Rolling master-key for container-tokens, got key wi
th id -165124043
2024-08-13 22:25:51,244 INFO security.NMTokenSecretManagerInNM: Rolling master-key for container-tokens, got key with id
 88793460
2024-08-13 22:25:51,244 INFO nodemanager.NodeStatusUpdaterImpl: Registered with ResourceManager as DESKTOP-SBBT9TG:52991
 with total resource of <memory:8192, vCores:8>
```