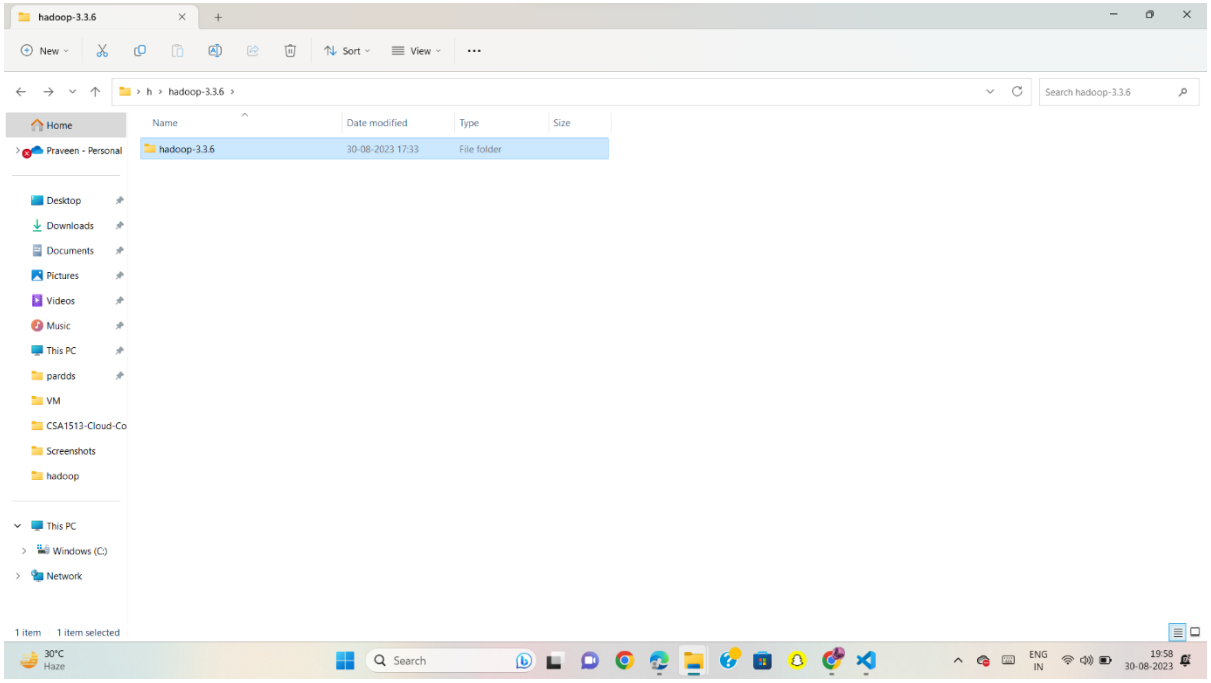
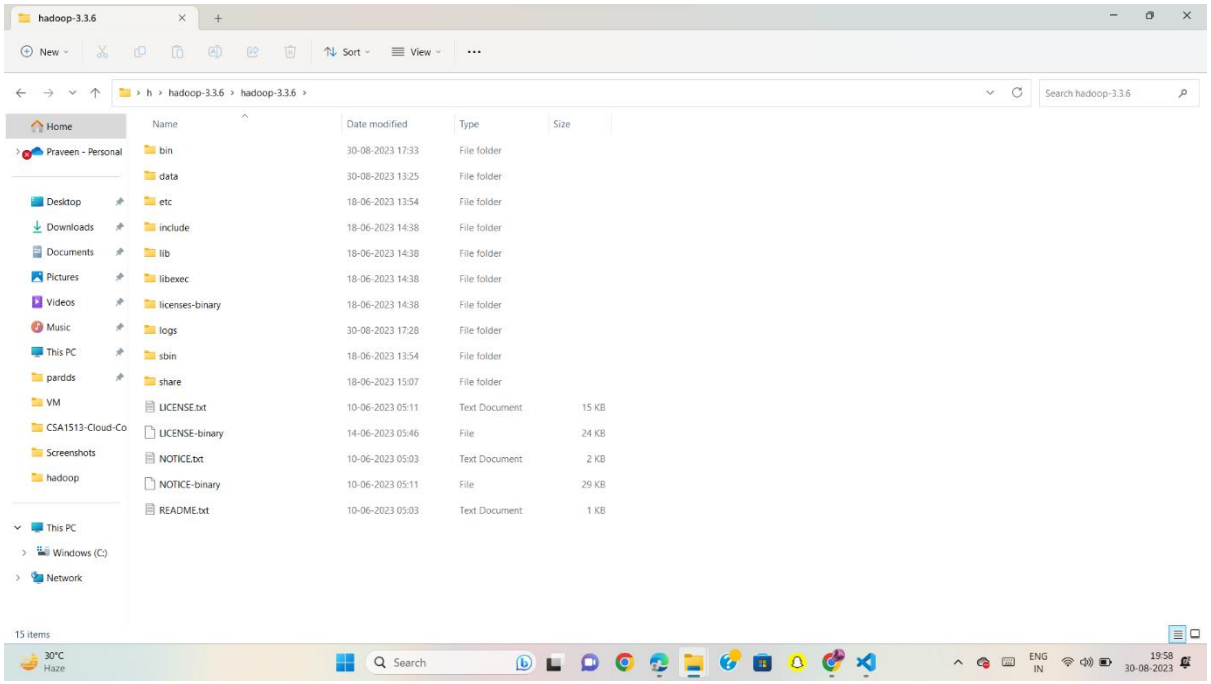
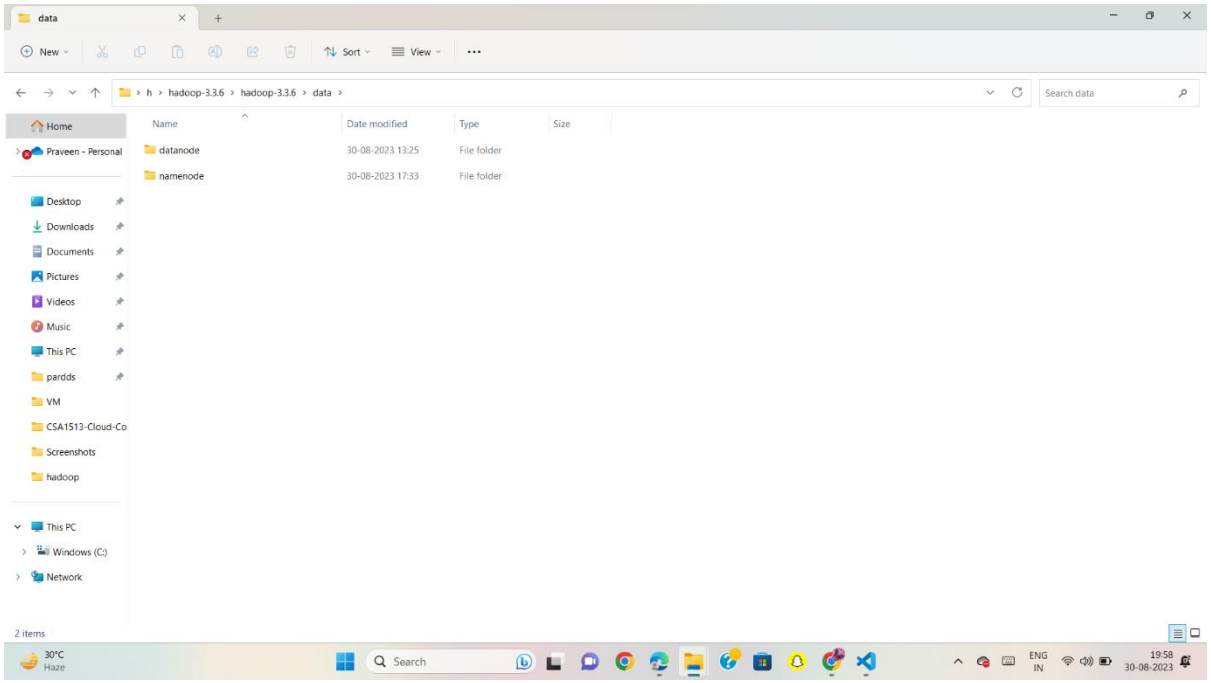
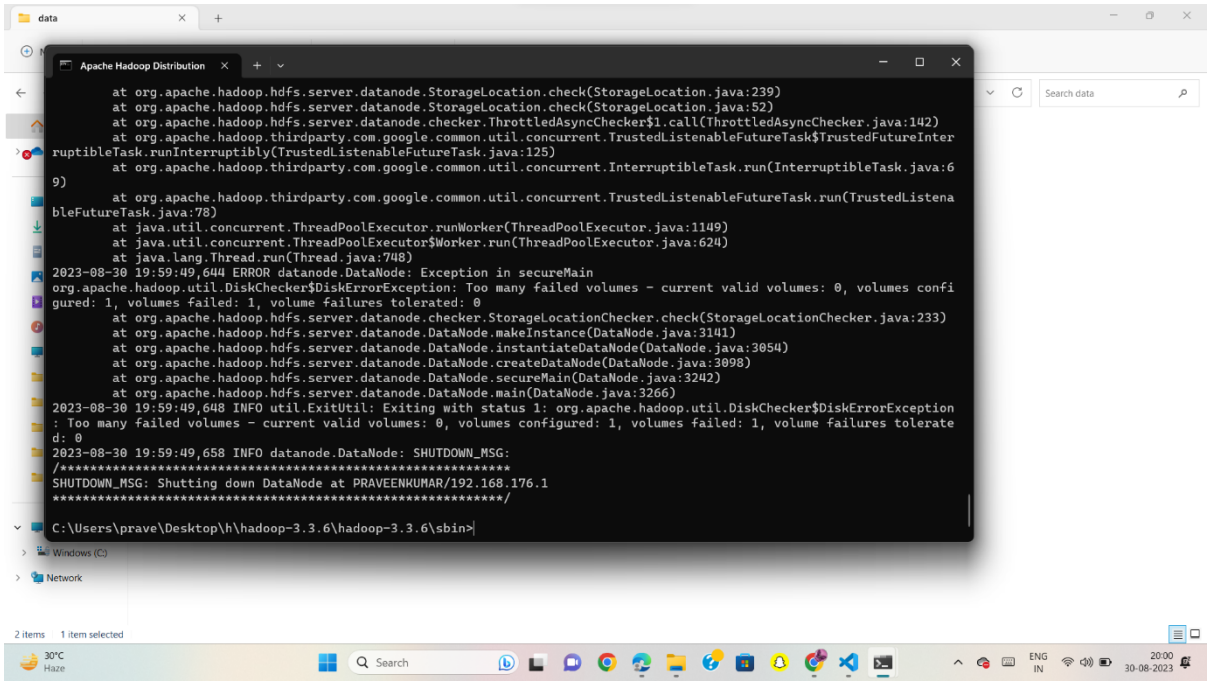
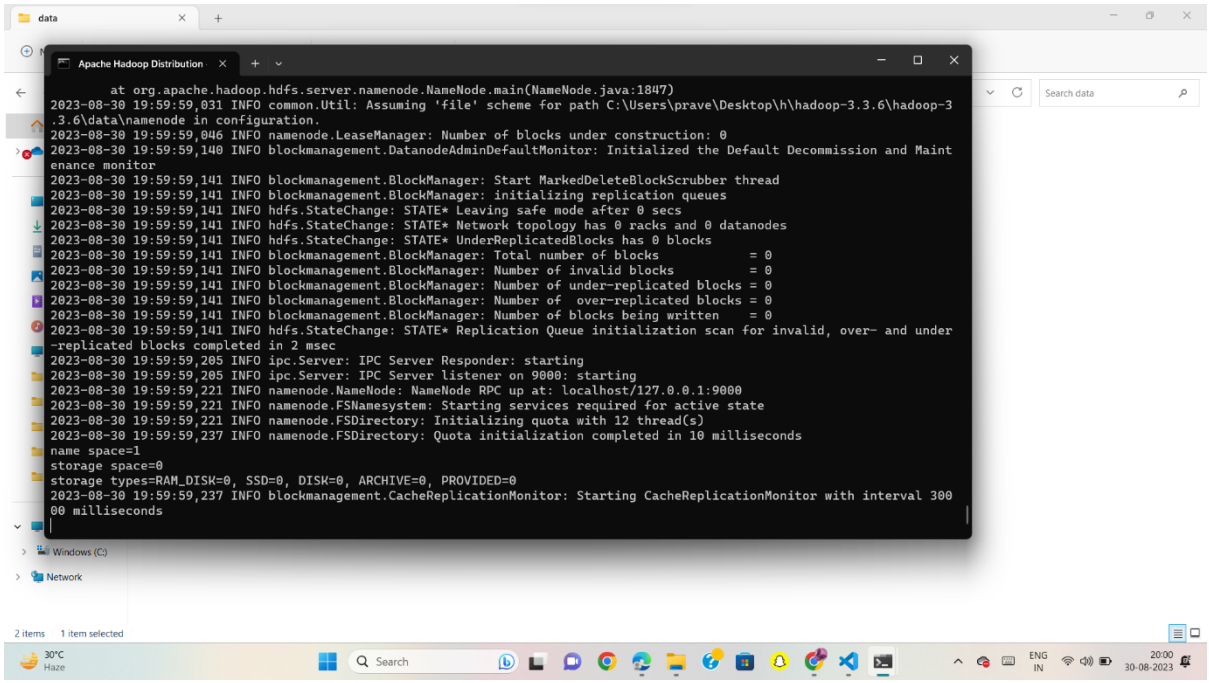
39. Install Hadoop 2.x and configure the Name Node and Data Node.

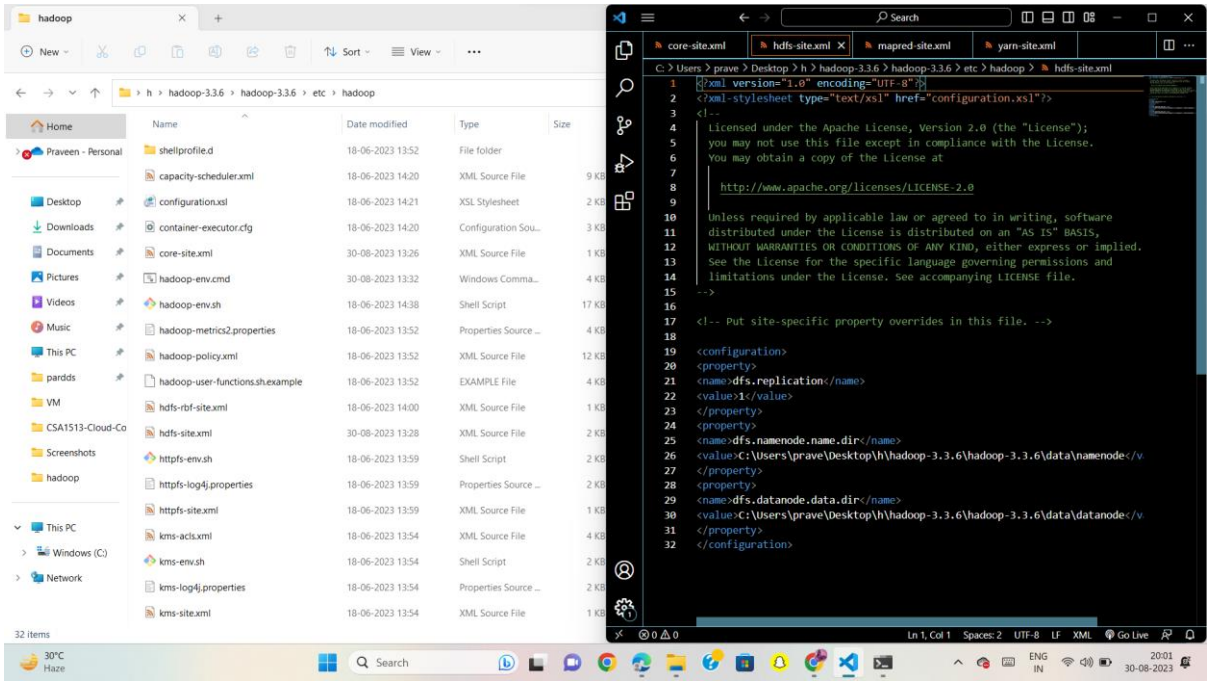


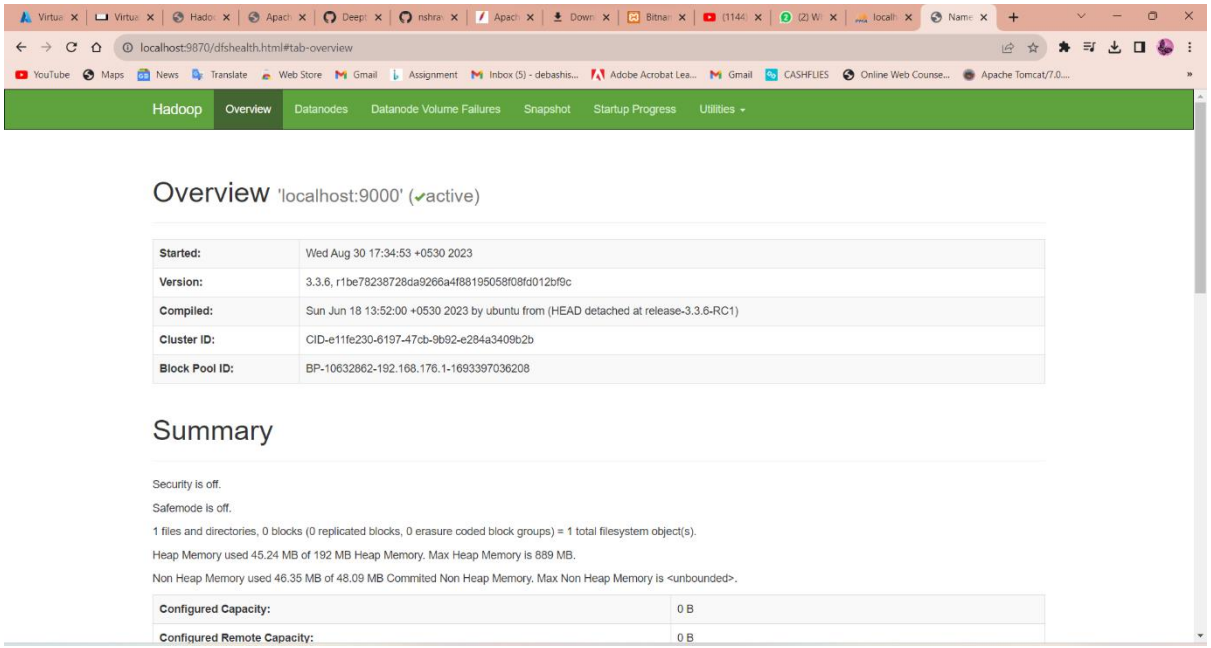


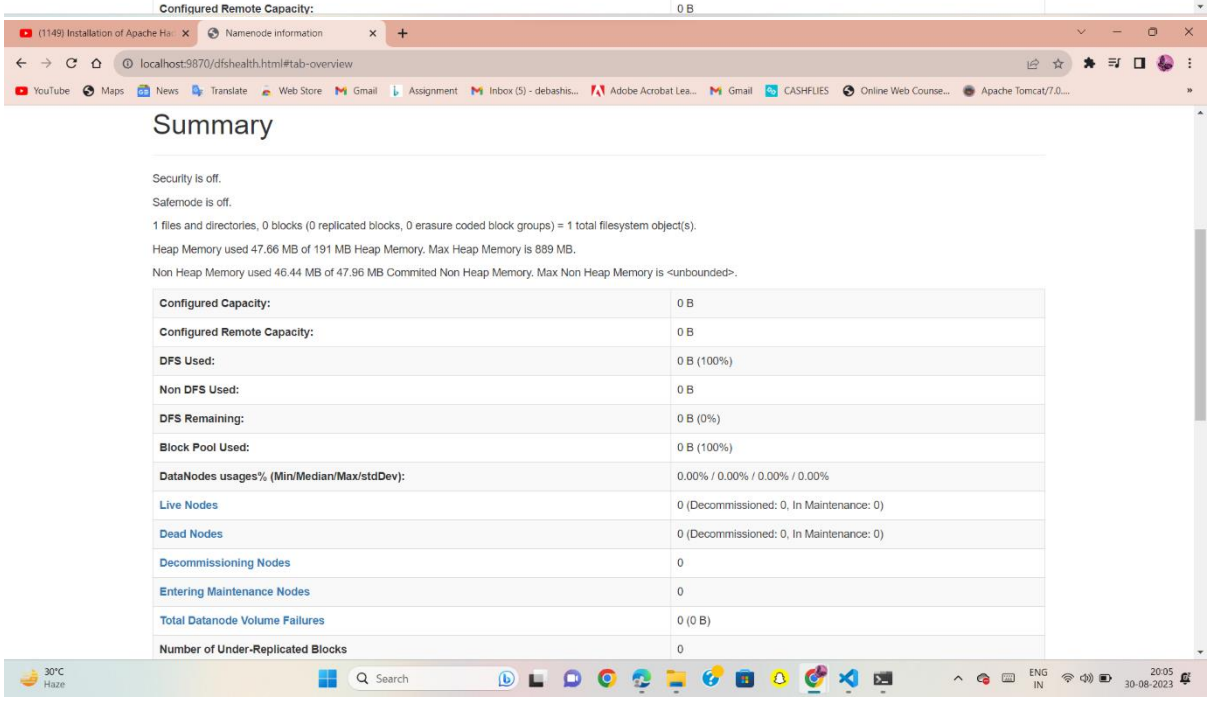

data
New
Sort
View
h > hadoop-3.3.6 > hadoop-3.3.6 > data >
Search data
Home
Praveen - Personal
Desktop
Downloads
Documents
Pictures
Videos
Music
This PC
pardds
VM
CSA1513-Cloud-Co
Screenshots
hadoop
This PC
Windows (C:)
Network
Name
Date modified
Type
Size
datanode
30-08-2023 13:25
File folder
namenode
30-08-2023 17:33
File folder
2 items
30°C
Haze
Search
ENG
IN
19:58
30-08-2023


data
Apache Hadoop Distribution
at org.apache.hadoop.hdfs.server.datanode.StorageLocation.check(StorageLocation.java:239)
at org.apache.hadoop.hdfs.server.datanode.StorageLocation.check(StorageLocation.java:52)
at org.apache.hadoop.hdfs.server.datanode.checker.ThrottledAsyncChecker$1.call(ThrottledAsyncChecker.java:142)
at org.apache.hadoop.thirdparty.com.google.common.util.concurrent.TrustedListenableFutureTask$TrustedFutureInterruptibleTask.runInterruptibly(TrustedListenableFutureTask.java:125)
at org.apache.hadoop.thirdparty.com.google.common.util.concurrent.InterruptibleTask.run(InterruptibleTask.java:69)
at org.apache.hadoop.thirdparty.com.google.common.util.concurrent.TrustedListenableFutureTask.run(TrustedListenableFutureTask.java:78)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at java.lang.Thread.run(Thread.java:748)
2023-08-30 19:59:49,644 ERROR datanode.DataNode: Exception in secureMain
org.apache.hadoop.util.DiskChecker$DiskErrorException: Too many failed volumes - current valid volumes: 0, volumes configured: 1, volumes failed: 1, volume failures tolerated: 0
at org.apache.hadoop.hdfs.server.datanode.checker.StorageLocationChecker.check(StorageLocationChecker.java:233)
at org.apache.hadoop.hdfs.server.datanode.DataNode.makeInstance(DataNode.java:3141)
at org.apache.hadoop.hdfs.server.datanode.DataNode.instantiateDataNode(DataNode.java:3054)
at org.apache.hadoop.hdfs.server.datanode.DataNode.createDataNode(DataNode.java:3098)
at org.apache.hadoop.hdfs.server.datanode.DataNode.secureMain(DataNode.java:3242)
at org.apache.hadoop.hdfs.server.datanode.DataNode.main(DataNode.java:3266)
2023-08-30 19:59:49,648 INFO util.ExitUtil: Exiting with status 1: org.apache.hadoop.util.DiskChecker$DiskErrorException: Too many failed volumes - current valid volumes: 0, volumes configured: 1, volumes failed: 1, volume failures tolerated: 0
2023-08-30 19:59:49,658 INFO datanode.DataNode: SHUTDOWN_MSG:
/**
SHUTDOWN_MSG: Shutting down DataNode at PRAVEENKUMAR/192.168.176.1
**/
C:\Users\prave\Desktop\h\hadoop-3.3.6\hadoop-3.3.6\sbin>
Search data
Windows (C:)
Network
2 items
1 item selected
30°C
Haze
Search
ENG
IN
20:00
30-08-2023


data
Apache Hadoop Distribution
at org.apache.hadoop.hdfs.server.namenode.NameNode.main(NameNode.java:1847)
2023-08-30 19:59:59,031 INFO common.Util: Assuming 'file' scheme for path C:\Users\prave\Desktop\h\hadoop-3.3.6\hadoop-3.3.6\data\namenode in configuration.
2023-08-30 19:59:59,046 INFO namenode.LeaseManager: Number of blocks under construction: 0
2023-08-30 19:59:59,140 INFO blockmanagement.DatanodeAdminDefaultMonitor: Initialized the Default Decommission and Maintenance monitor
2023-08-30 19:59:59,141 INFO blockmanagement.BlockManager: Start MarkedDeleteBlockScrubber thread
2023-08-30 19:59:59,141 INFO blockmanagement.BlockManager: initializing replication queues
2023-08-30 19:59:59,141 INFO hdfs.StateChange: STATE* Leaving safe mode after 0 secs
2023-08-30 19:59:59,141 INFO hdfs.StateChange: STATE* Network topology has 0 racks and 0 datanodes
2023-08-30 19:59:59,141 INFO hdfs.StateChange: STATE* UnderReplicatedBlocks has 0 blocks
2023-08-30 19:59:59,141 INFO blockmanagement.BlockManager: Total number of blocks = 0
2023-08-30 19:59:59,141 INFO blockmanagement.BlockManager: Number of invalid blocks = 0
2023-08-30 19:59:59,141 INFO blockmanagement.BlockManager: Number of under-replicated blocks = 0
2023-08-30 19:59:59,141 INFO blockmanagement.BlockManager: Number of over-replicated blocks = 0
2023-08-30 19:59:59,141 INFO blockmanagement.BlockManager: Number of blocks being written = 0
2023-08-30 19:59:59,141 INFO hdfs.StateChange: STATE* Replication Queue initialization scan for invalid, over- and under-replicated blocks completed in 2 msec
2023-08-30 19:59:59,205 INFO ipc.Server: IPC Server Responder: starting
2023-08-30 19:59:59,205 INFO ipc.Server: IPC Server listener on 9000: starting
2023-08-30 19:59:59,221 INFO namenode.NameNode: NameNode RPC up at: localhost/127.0.0.1:9000
2023-08-30 19:59:59,221 INFO namenode.FSNamesystem: Starting services required for active state
2023-08-30 19:59:59,221 INFO namenode.FSDirectory: Initializing quota with 12 thread(s)
2023-08-30 19:59:59,237 INFO namenode.FSDirectory: Quota initialization completed in 10 milliseconds
name space=1
storage space=0
storage types=RAM_DISK=0, SSD=0, DISK=0, ARCHIVE=0, PROVIDED=0
2023-08-30 19:59:59,237 INFO blockmanagement.CacheReplicationMonitor: Starting CacheReplicationMonitor with interval 30000 milliseconds
Search data
Windows (C:)
Network
2 items
1 item selected
30°C Haze
Search
ENG IN
20:00 30-08-2023


hadoop
New
Sort
View
h > hadoop-3.3.6 > hadoop-3.3.6 > etc > hadoop
Home
Praveen - Personal
Desktop
Downloads
Documents
Pictures
Videos
Music
This PC
pardds
VM
CSA1513-Cloud-Co
Screenshots
hadoop
This PC
Windows (C:)
Network
Name
Date modified
Type
Size
shellprofile.d 18-06-2023 13:52 File folder
capacity-scheduler.xml 18-06-2023 14:20 XML Source File 9 KB
configuration.xsl 18-06-2023 14:21 XSL Stylesheet 2 KB
container-executor.cfg 18-06-2023 14:20 Configuration Sou... 3 KB
core-site.xml 30-08-2023 13:26 XML Source File 1 KB
hadoop-env.cmd 30-08-2023 13:32 Windows Comma... 4 KB
hadoop-env.sh 18-06-2023 14:38 Shell Script 17 KB
hadoop-metrics2.properties 18-06-2023 13:52 Properties Source ... 4 KB
hadoop-policy.xml 18-06-2023 13:52 XML Source File 12 KB
hadoop-user-functions.sh.example 18-06-2023 13:52 EXAMPLE File 4 KB
hdfs-rbf-site.xml 18-06-2023 14:00 XML Source File 1 KB
hdfs-site.xml 30-08-2023 13:28 XML Source File 2 KB
httpfs-env.sh 18-06-2023 13:59 Shell Script 2 KB
httpfs-log4j.properties 18-06-2023 13:59 Properties Source ... 2 KB
httpfs-site.xml 18-06-2023 13:59 XML Source File 1 KB
kms-acls.xml 18-06-2023 13:54 XML Source File 4 KB
kms-env.sh 18-06-2023 13:54 Shell Script 2 KB
kms-log4j.properties 18-06-2023 13:54 Properties Source ... 2 KB
kms-site.xml 18-06-2023 13:54 XML Source File 1 KB
32 items
core-site.xml
hdfs-site.xml
mapred-site.xml
yarn-site.xml
C: > Users > prave > Desktop > h > hadoop-3.3.6 > hadoop-3.3.6 > etc > hadoop > hdfs-site.xml
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License. See accompanying LICENSE file.
-->
<!-- Put site-specific property overrides in this file. -->
<configuration>
<property>
<name>dfs.replication</name>
<value>1</value>
</property>
<property>
<name>dfs.namenode.name.dir</name>
<value>C:\Users\prave\Desktop\h\hadoop-3.3.6\hadoop-3.3.6\data\namenode</v
</property>
<property>
<name>dfs.datanode.data.dir</name>
<value>C:\Users\prave\Desktop\h\hadoop-3.3.6\hadoop-3.3.6\data\datanode</v
</property>
</configuration>
Ln 1, Col 1
Spaces: 2
UTF-8
LF
XML
Go Live
30°C Haze
Search
ENG IN
20:01 30-08-2023


localhost:9870/dfshealth.html#tab-overview
Hadoop
Overview
Datanodes
Datanode Volume Failures
Snapshot
Startup Progress
Utilities
Overview 'localhost:9000' (active)
Started: Wed Aug 30 17:34:53 +0530 2023
Version: 3.3.6, r1be78238728da9266a4f88195058f08fd012bf9c
Compiled: Sun Jun 18 13:52:00 +0530 2023 by ubuntu from (HEAD detached at release-3.3.6-RC1)
Cluster ID: CID-e11fe230-6197-47cb-9b92-e284a3409b2b
Block Pool ID: BP-10632862-192.168.176.1-1693397036208
Summary
Security is off.
Safemode is off.
1 files and directories, 0 blocks (0 replicated blocks, 0 erasure coded block groups) = 1 total filesystem object(s).
Heap Memory used 45.24 MB of 192 MB Heap Memory. Max Heap Memory is 889 MB.
Non Heap Memory used 46.35 MB of 48.09 MB Commited Non Heap Memory. Max Non Heap Memory is <unbounded>.
Configured Capacity: 0 B
Configured Remote Capacity: 0 B


Namenode information
localhost:9870/dfshealth.html#tab-overview
Summary
Security is off.
Safemode is off.
1 files and directories, 0 blocks (0 replicated blocks, 0 erasure coded block groups) = 1 total filesystem object(s).
Heap Memory used 47.66 MB of 191 MB Heap Memory. Max Heap Memory is 889 MB.
Non Heap Memory used 46.44 MB of 47.96 MB Commited Non Heap Memory. Max Non Heap Memory is <unbounded>.
Configured Capacity: 0 B
Configured Remote Capacity: 0 B
DFS Used: 0 B (100%)
Non DFS Used: 0 B
DFS Remaining: 0 B (0%)
Block Pool Used: 0 B (100%)
DataNodes usages% (Min/Median/Max/stdDev): 0.00% / 0.00% / 0.00% / 0.00%
Live Nodes 0 (Decommissioned: 0, In Maintenance: 0)
Dead Nodes 0 (Decommissioned: 0, In Maintenance: 0)
Decommissioning Nodes 0
Entering Maintenance Nodes 0
Total Datanode Volume Failures 0 (0 B)
Number of Under-Replicated Blocks 0