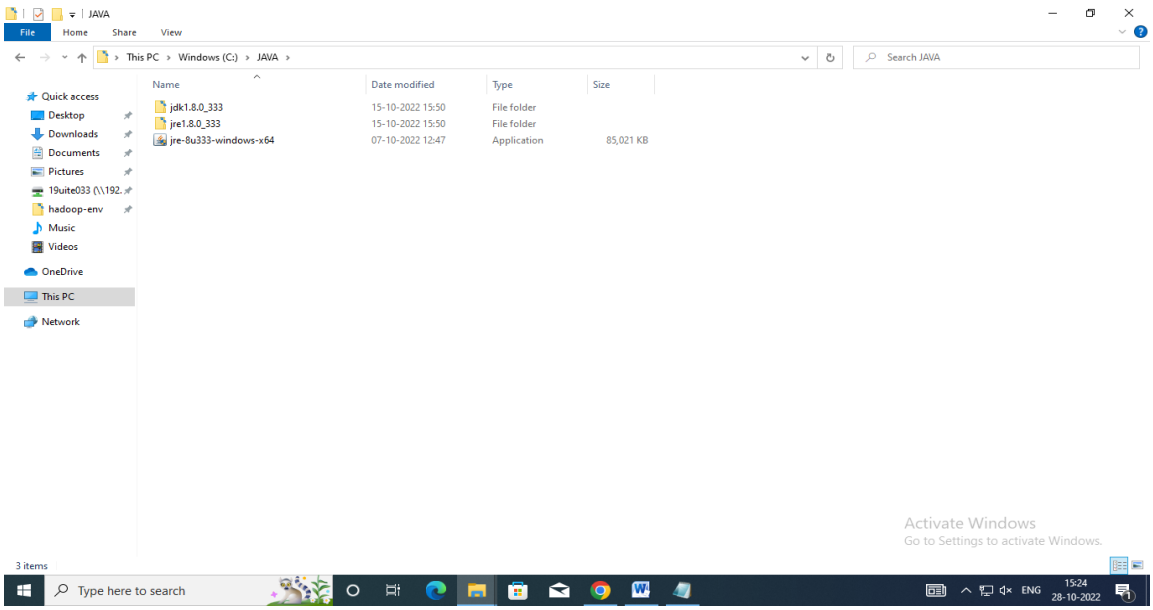
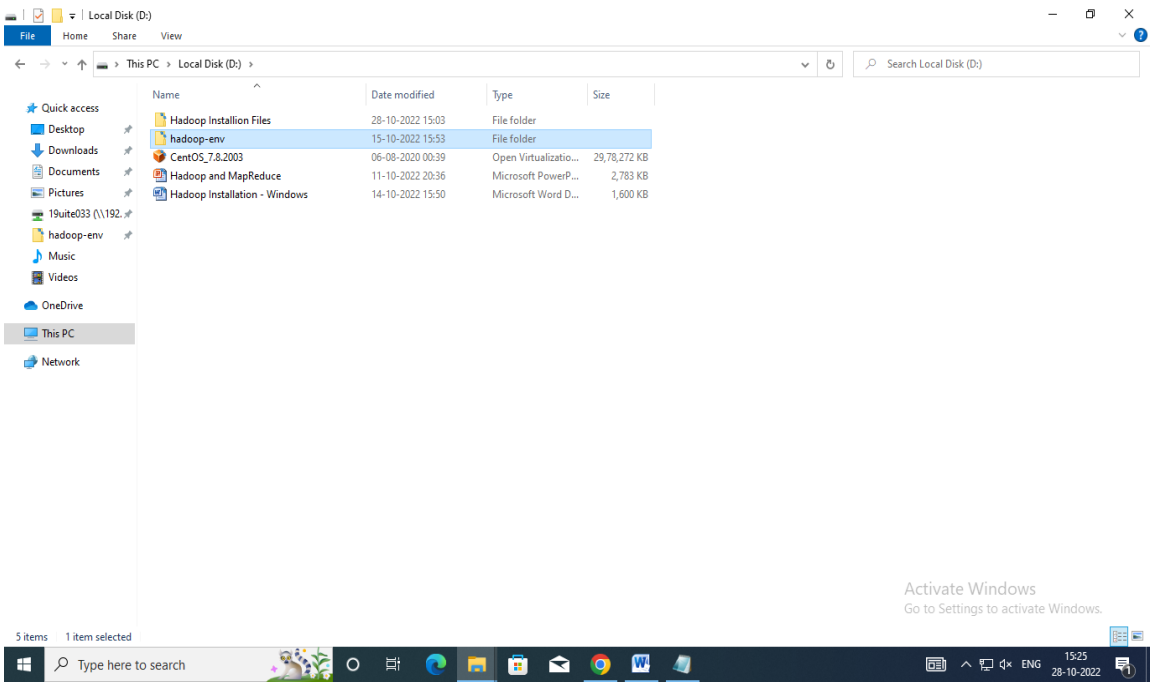
Name:T.Sangeetha Mari

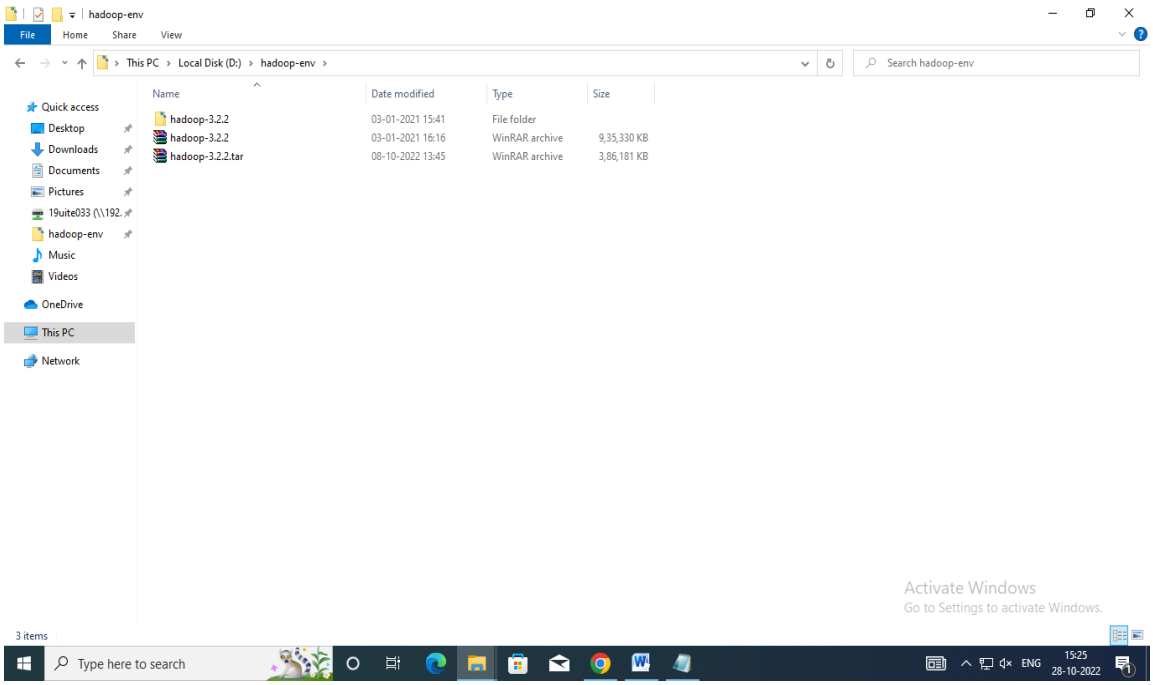
Rollno:19UITE033

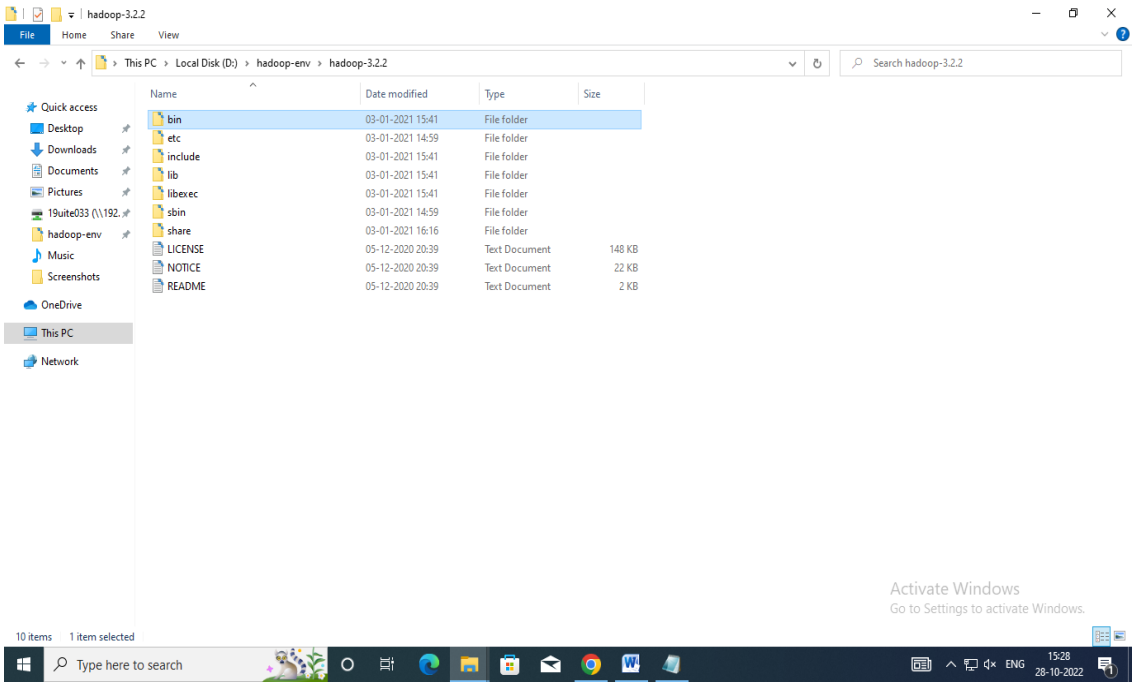
EXNO.9:Installation of Single Node Hadoop Cluster

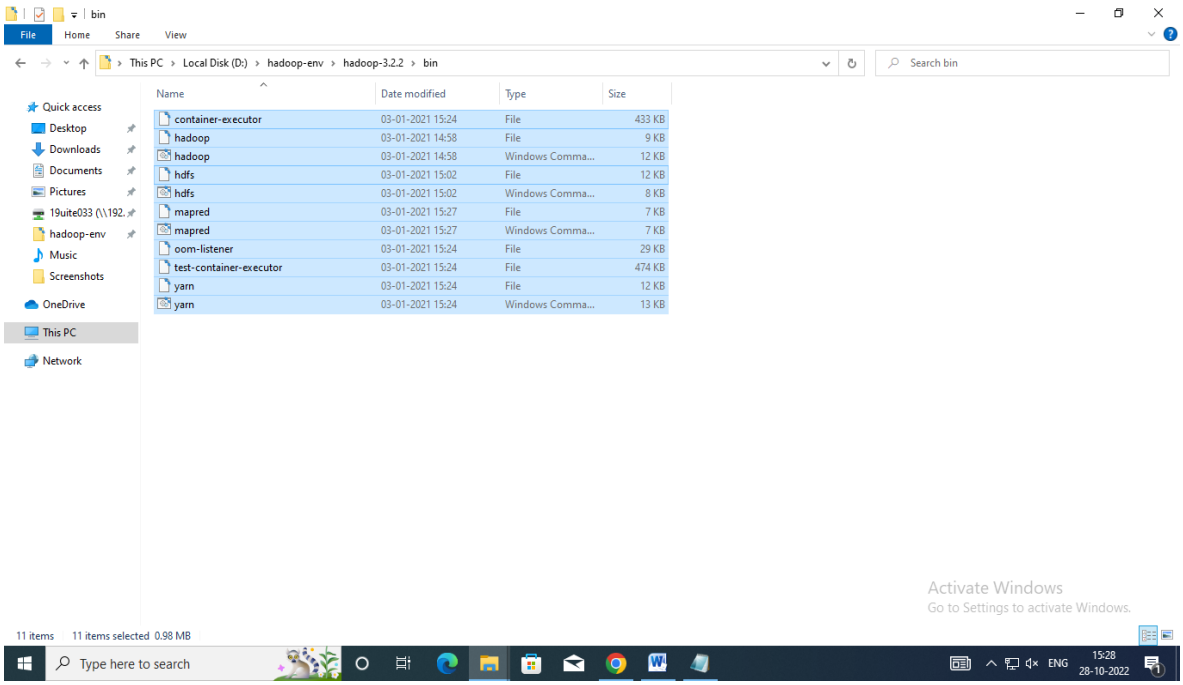
Date:14.10.2022

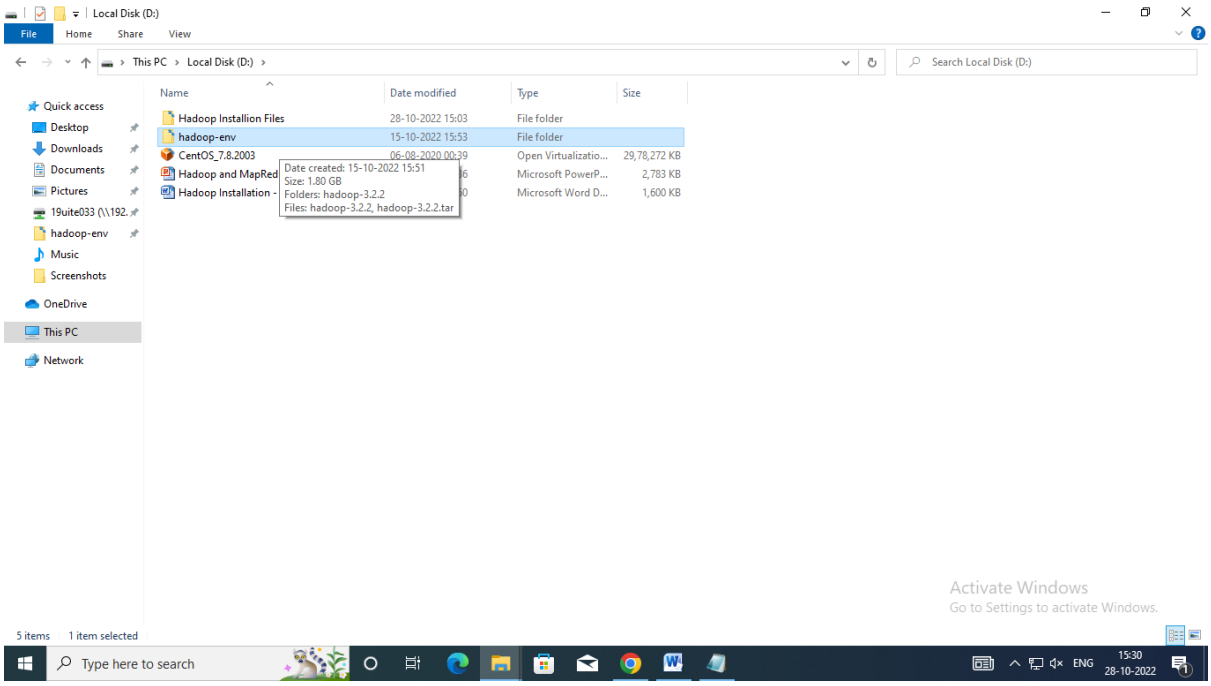


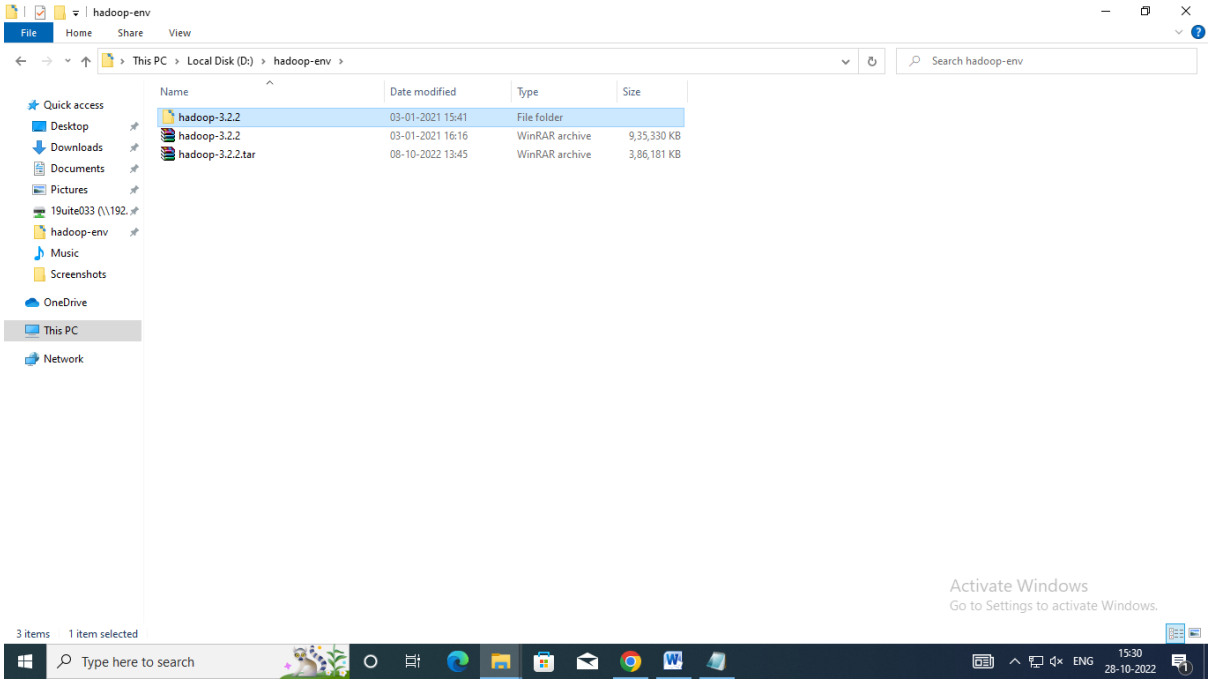


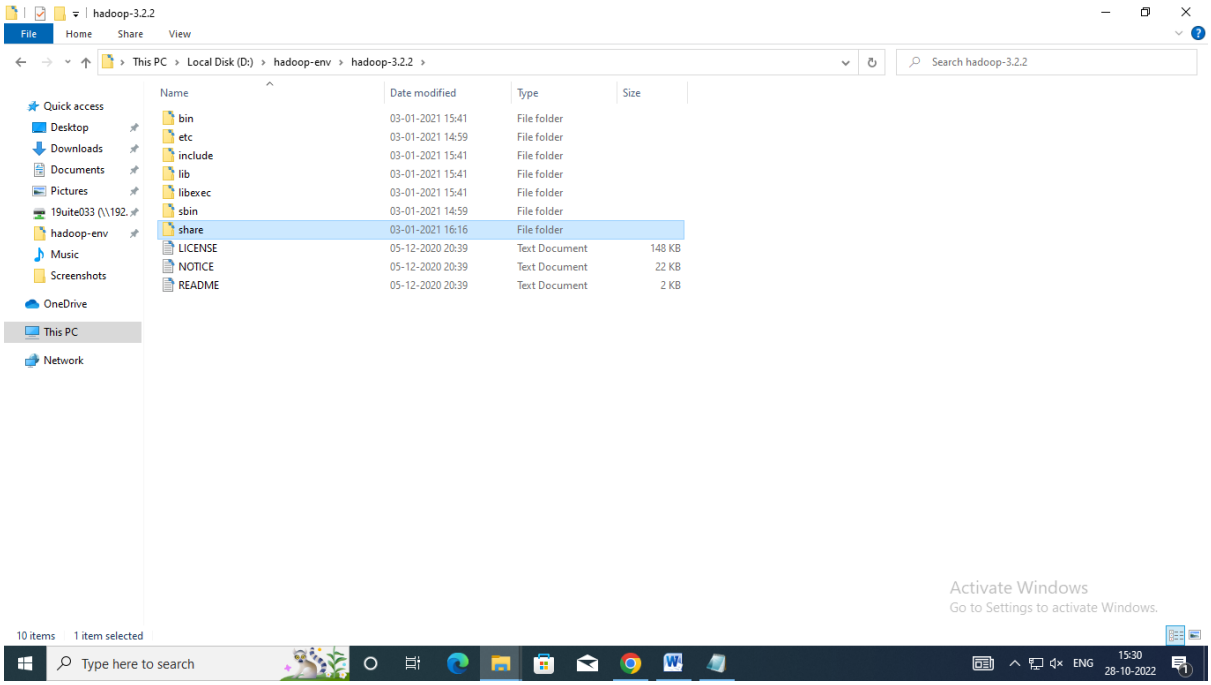

hadoop-env
File Home Share View
This PC › Local Disk (D:) › hadoop-env ›
Search hadoop-env
Quick access
Desktop
Downloads
Documents
Pictures
19uite033 (\\192.
hadoop-env
Music
Videos
OneDrive
This PC
Network
Name
Date modified
Type
Size
hadoop-3.2.2 03-01-2021 15:41 File folder
hadoop-3.2.2 03-01-2021 16:16 WinRAR archive 9,35,330 KB
hadoop-3.2.2.tar 08-10-2022 13:45 WinRAR archive 3,86,181 KB
Activate Windows
Go to Settings to activate Windows.
3 items
Type here to search
ENG
15:25
28-10-2022

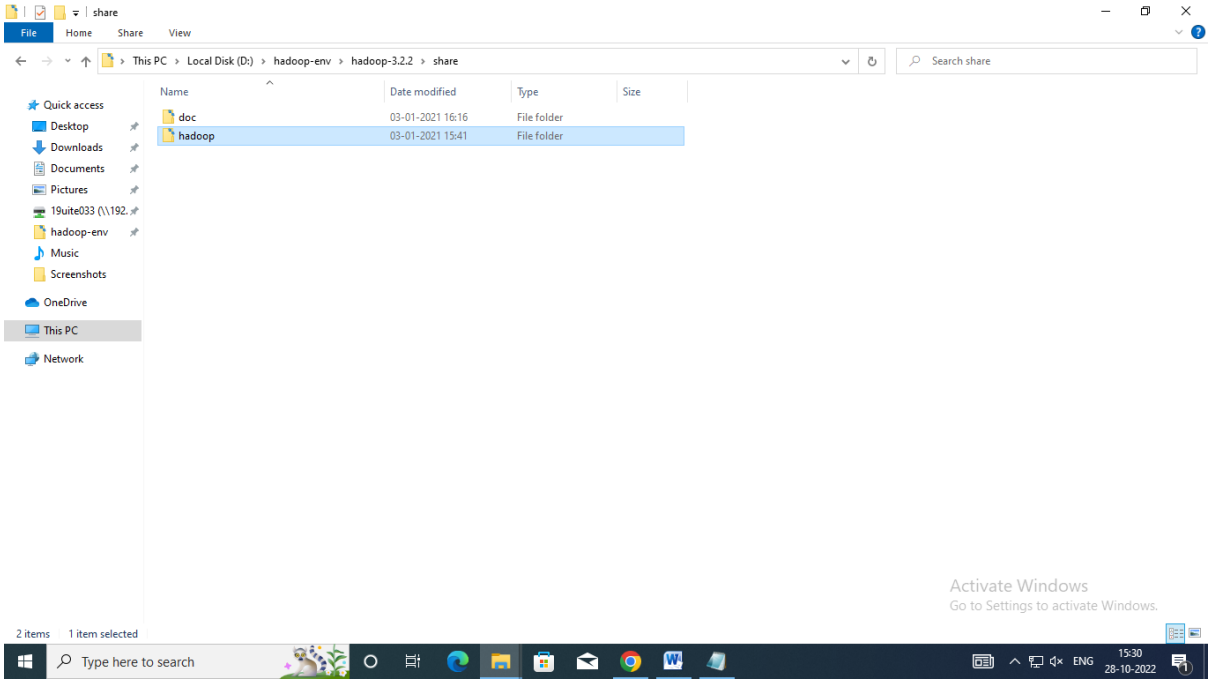

hadoop-3.2.2
File Home Share View
This PC › Local Disk (D:) › hadoop-env › hadoop-3.2.2
Search hadoop-3.2.2
Quick access
Desktop
Downloads
Documents
Pictures
19uite033 (\\192.
hadoop-env
Music
Screenshots
OneDrive
This PC
Network
Name
Date modified
Type
Size
bin 03-01-2021 15:41 File folder
etc 03-01-2021 14:59 File folder
include 03-01-2021 15:41 File folder
lib 03-01-2021 15:41 File folder
libexec 03-01-2021 15:41 File folder
sbin 03-01-2021 14:59 File folder
share 03-01-2021 16:16 File folder
LICENSE 05-12-2020 20:39 Text Document 148 KB
NOTICE 05-12-2020 20:39 Text Document 22 KB
README 05-12-2020 20:39 Text Document 2 KB
Activate Windows
Go to Settings to activate Windows.
10 items 1 item selected
Type here to search
ENG
15:28
28-10-2022

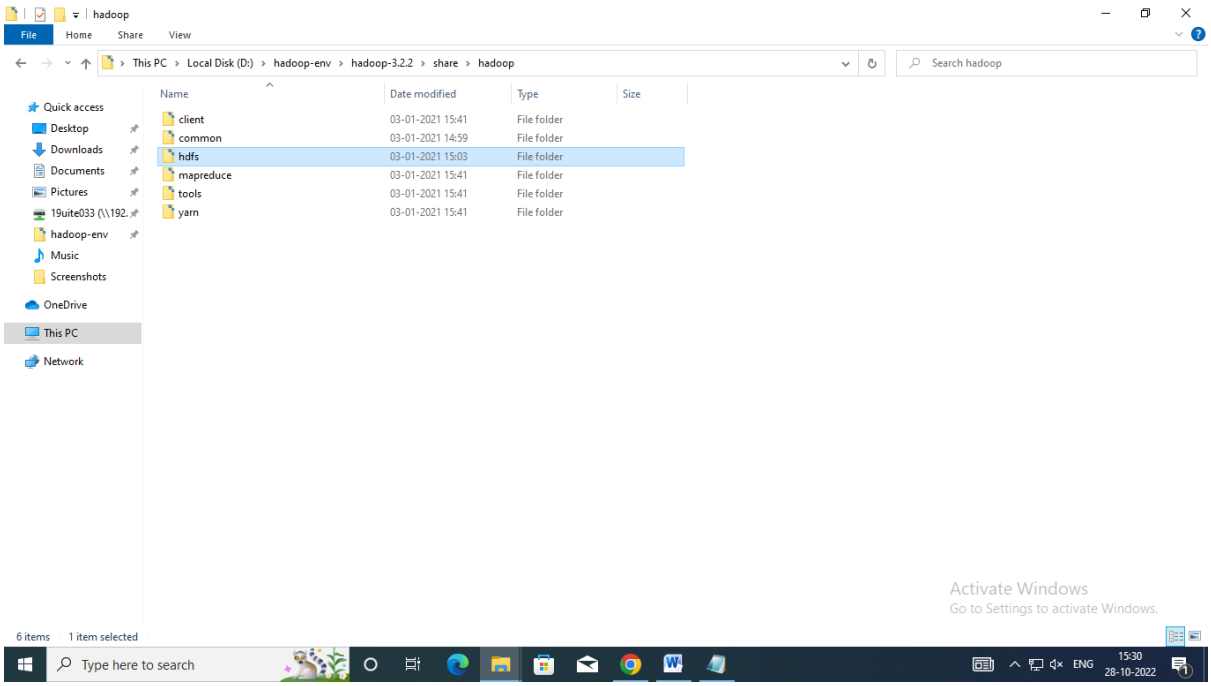

bin
File Home Share View
This PC › Local Disk (D:) › hadoop-env › hadoop-3.2.2 › bin
Search bin
Quick access
Desktop
Downloads
Documents
Pictures
19uite033 (\\192.
hadoop-env
Music
Screenshots
OneDrive
This PC
Network
Name Date modified Type Size
container-executor 03-01-2021 15:24 File 433 KB
hadoop 03-01-2021 14:58 File 9 KB
hadoop 03-01-2021 14:58 Windows Comma... 12 KB
hdfs 03-01-2021 15:02 File 12 KB
hdfs 03-01-2021 15:02 Windows Comma... 8 KB
mapred 03-01-2021 15:27 File 7 KB
mapred 03-01-2021 15:27 Windows Comma... 7 KB
oom-listener 03-01-2021 15:24 File 29 KB
test-container-executor 03-01-2021 15:24 File 474 KB
yarn 03-01-2021 15:24 File 12 KB
yarn 03-01-2021 15:24 Windows Comma... 13 KB
Activate Windows
Go to Settings to activate Windows.
11 items 11 items selected 0.98 MB
Type here to search
ENG
15:28
28-10-2022

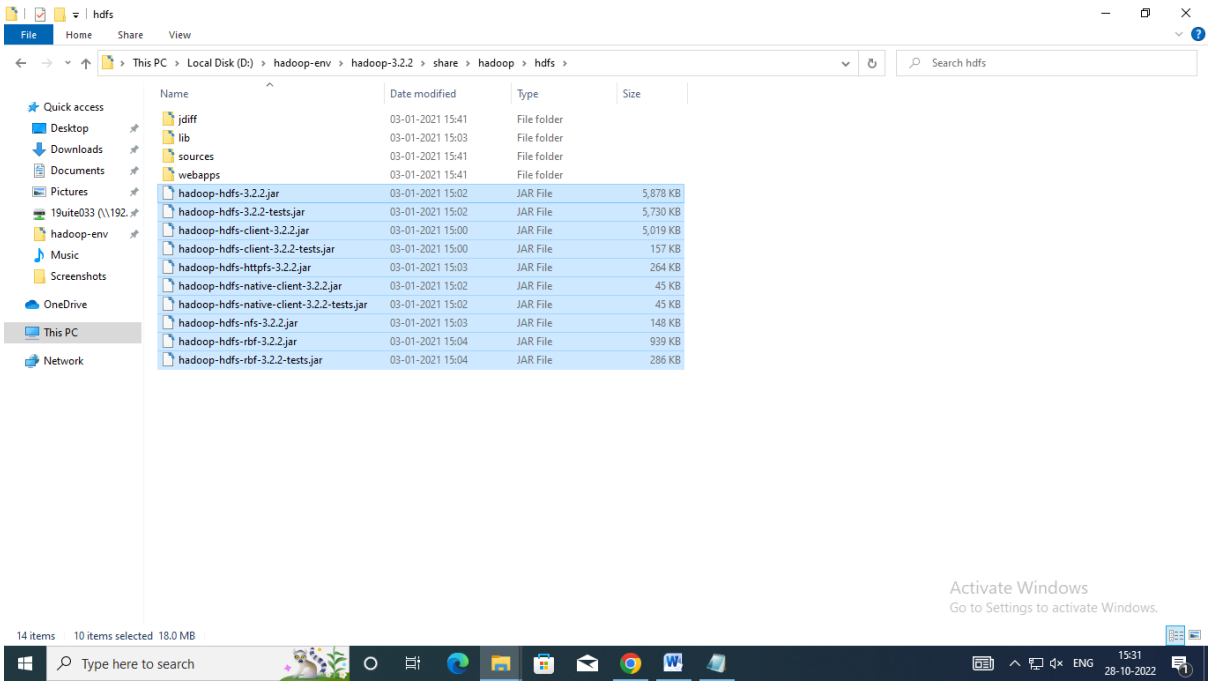

Local Disk (D:)
File Home Share View
This PC › Local Disk (D:) ›
Search Local Disk (D:)
Quick access
Desktop
Downloads
Documents
Pictures
19uite033 (\\192.
hadoop-env
Music
Screenshots
OneDrive
This PC
Network
Name Date modified Type Size
Hadoop Installion Files 28-10-2022 15:03 File folder
hadoop-env 15-10-2022 15:53 File folder
CentOS_7.8.2003 06-08-2020 00:39 Open Virtualizatio... 29,78,272 KB
Hadoop and MapRed Microsoft PowerP... 2,783 KB
Hadoop Installation - Microsoft Word D... 1,600 KB
Date created: 15-10-2022 15:51
Size: 1.80 GB
Folders: hadoop-3.2.2
Files: hadoop-3.2.2, hadoop-3.2.2.tar
Activate Windows
Go to Settings to activate Windows.
5 items 1 item selected
Type here to search
ENG
15:30
28-10-2022

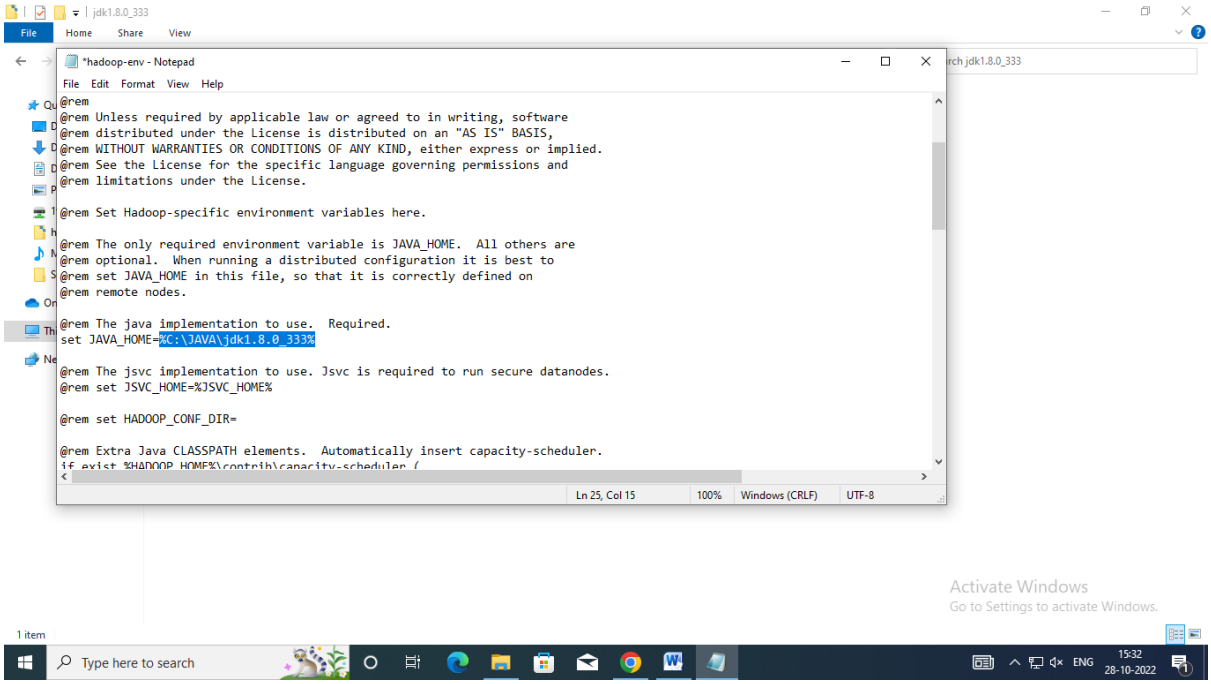

hadoop-env
File Home Share View
This PC › Local Disk (D:) › hadoop-env ›
Search hadoop-env
Quick access
Desktop
Downloads
Documents
Pictures
19uite033 (\\192.
hadoop-env
Music
Screenshots
OneDrive
This PC
Network
Name Date modified Type Size
hadoop-3.2.2 03-01-2021 15:41 File folder
hadoop-3.2.2 03-01-2021 16:16 WinRAR archive 9,35,330 KB
hadoop-3.2.2.tar 08-10-2022 13:45 WinRAR archive 3,86,181 KB
Activate Windows
Go to Settings to activate Windows.
3 items 1 item selected
Type here to search
ENG
15:30
28-10-2022

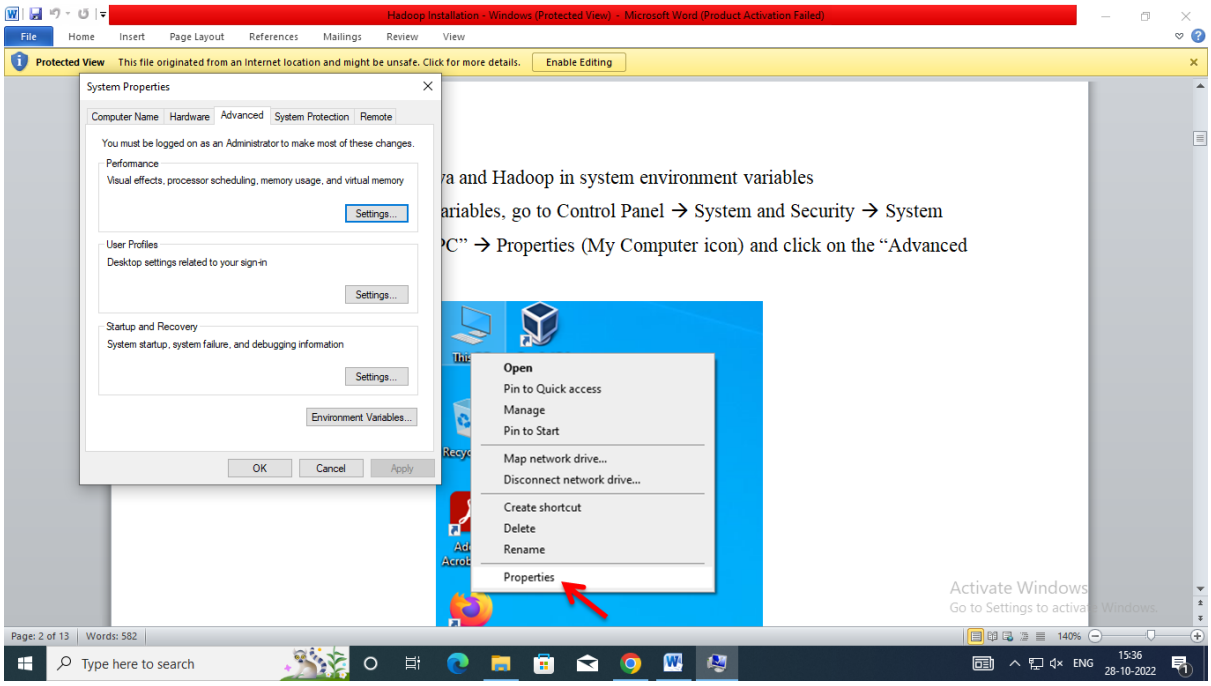

hadoop-3.2.2
File Home Share View
This PC › Local Disk (D:) › hadoop-env › hadoop-3.2.2 ›
Search hadoop-3.2.2
Quick access
Desktop
Downloads
Documents
Pictures
19uite033 (\\192.
hadoop-env
Music
Screenshots
OneDrive
This PC
Network
Name Date modified Type Size
bin 03-01-2021 15:41 File folder
etc 03-01-2021 14:59 File folder
include 03-01-2021 15:41 File folder
lib 03-01-2021 15:41 File folder
libexec 03-01-2021 15:41 File folder
sbin 03-01-2021 14:59 File folder
share 03-01-2021 16:16 File folder
LICENSE 05-12-2020 20:39 Text Document 148 KB
NOTICE 05-12-2020 20:39 Text Document 22 KB
README 05-12-2020 20:39 Text Document 2 KB
Activate Windows
Go to Settings to activate Windows.
10 items 1 item selected
Type here to search
ENG
15:30
28-10-2022

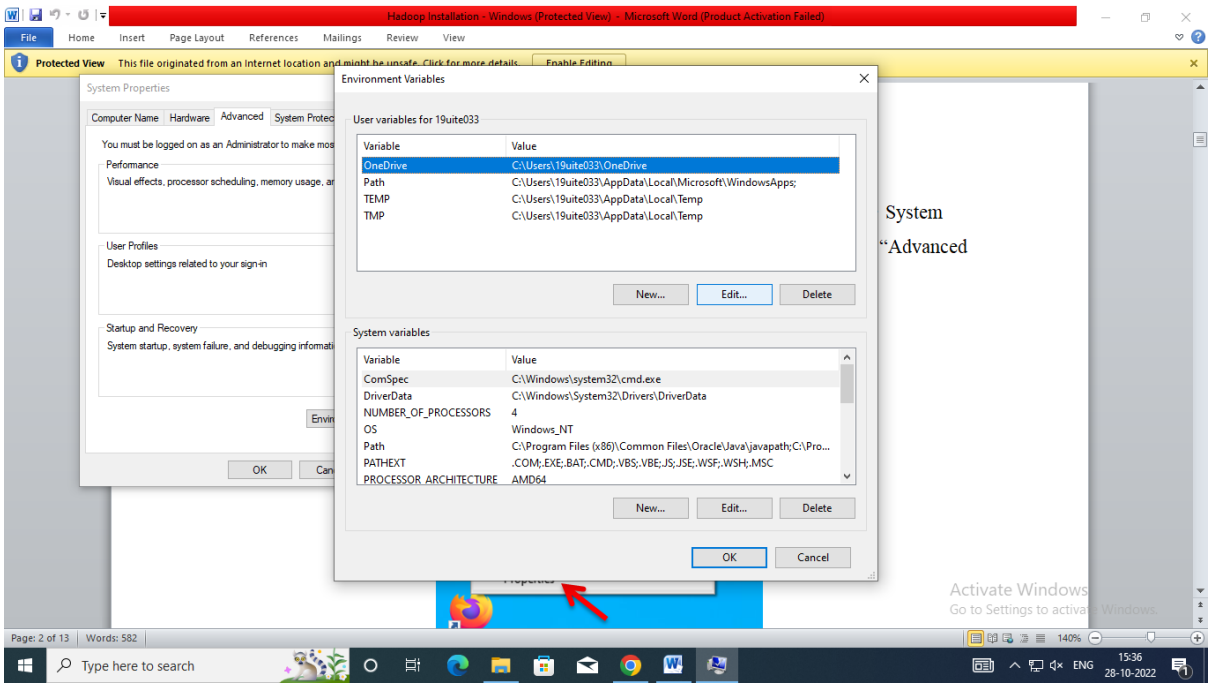

share
File Home Share View
This PC › Local Disk (D:) › hadoop-env › hadoop-3.2.2 › share
Search share
Name Date modified Type Size
doc 03-01-2021 16:16 File folder
hadoop 03-01-2021 15:41 File folder
Quick access
Desktop
Downloads
Documents
Pictures
19uite033 (\\192.
hadoop-env
Music
Screenshots
OneDrive
This PC
Network
2 items 1 item selected
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
15:30
28-10-2022

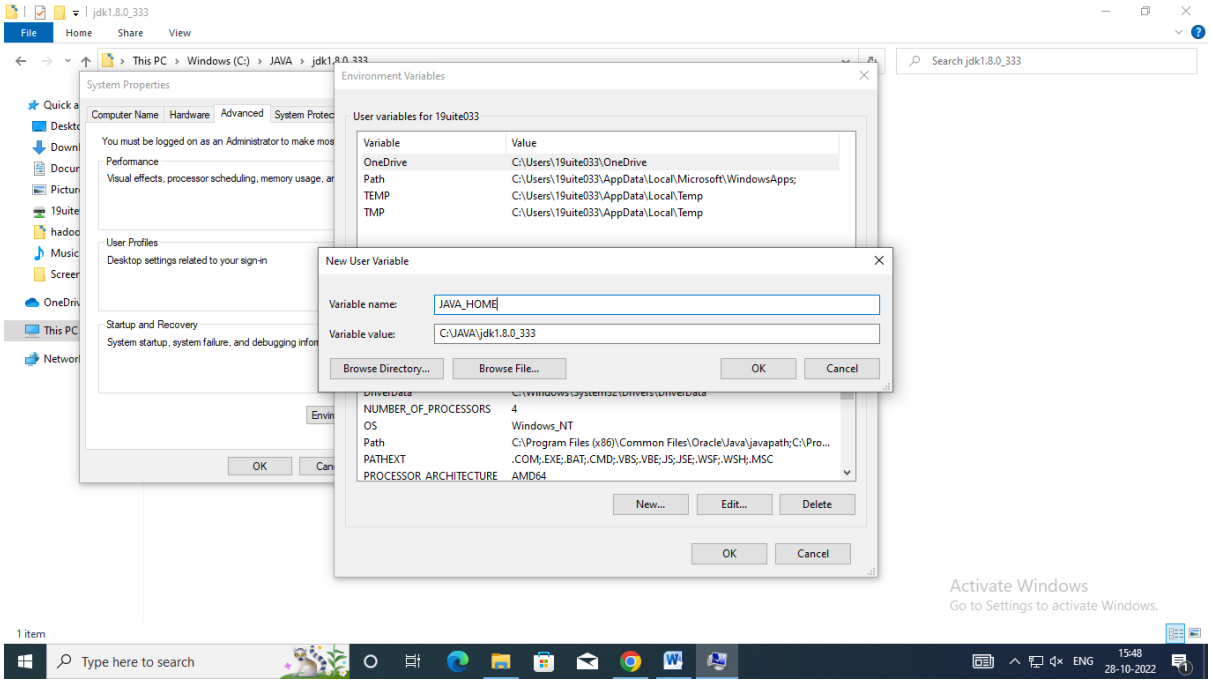

hadoop
File Home Share View
This PC › Local Disk (D:) › hadoop-env › hadoop-3.2.2 › share › hadoop
Search hadoop
Name Date modified Type Size
client 03-01-2021 15:41 File folder
common 03-01-2021 14:59 File folder
hdfs 03-01-2021 15:03 File folder
mapreduce 03-01-2021 15:41 File folder
tools 03-01-2021 15:41 File folder
yarn 03-01-2021 15:41 File folder
Quick access
Desktop
Downloads
Documents
Pictures
19uite033 (\\192.
hadoop-env
Music
Screenshots
OneDrive
This PC
Network
6 items 1 item selected
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
15:30
28-10-2022

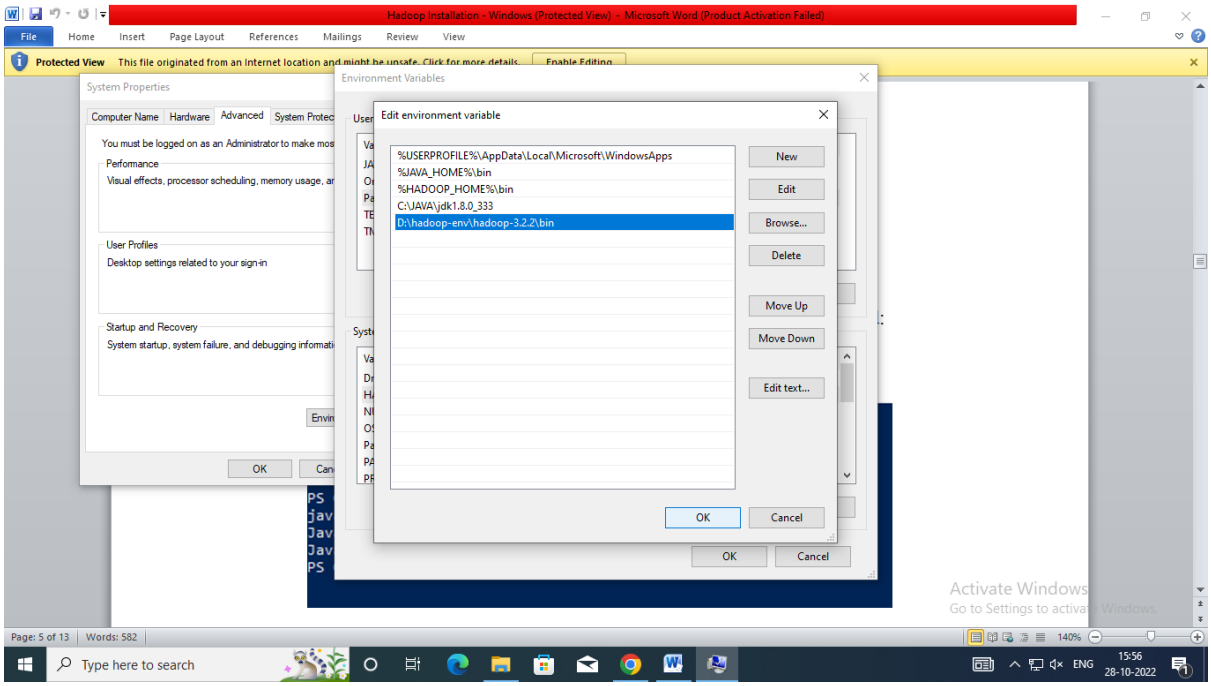

hdfs
File Home Share View
This PC › Local Disk (D:) › hadoop-env › hadoop-3.2.2 › share › hadoop › hdfs ›
Search hdfs
Quick access
Desktop
Downloads
Documents
Pictures
19uite033 (\\192.
hadoop-env
Music
Screenshots
OneDrive
This PC
Network
Name
Date modified
Type
Size
jdiff 03-01-2021 15:41 File folder
lib 03-01-2021 15:03 File folder
sources 03-01-2021 15:41 File folder
webapps 03-01-2021 15:41 File folder
hadoop-hdfs-3.2.2.jar 03-01-2021 15:02 JAR File 5,878 KB
hadoop-hdfs-3.2.2-tests.jar 03-01-2021 15:02 JAR File 5,730 KB
hadoop-hdfs-client-3.2.2.jar 03-01-2021 15:00 JAR File 5,019 KB
hadoop-hdfs-client-3.2.2-tests.jar 03-01-2021 15:00 JAR File 157 KB
hadoop-hdfs-httpfs-3.2.2.jar 03-01-2021 15:03 JAR File 264 KB
hadoop-hdfs-native-client-3.2.2.jar 03-01-2021 15:02 JAR File 45 KB
hadoop-hdfs-native-client-3.2.2-tests.jar 03-01-2021 15:02 JAR File 45 KB
hadoop-hdfs-nfs-3.2.2.jar 03-01-2021 15:03 JAR File 148 KB
hadoop-hdfs-rbf-3.2.2.jar 03-01-2021 15:04 JAR File 939 KB
hadoop-hdfs-rbf-3.2.2-tests.jar 03-01-2021 15:04 JAR File 286 KB
Activate Windows
Go to Settings to activate Windows.
14 items 10 items selected 18.0 MB
Type here to search
ENG 15:31 28-10-2022

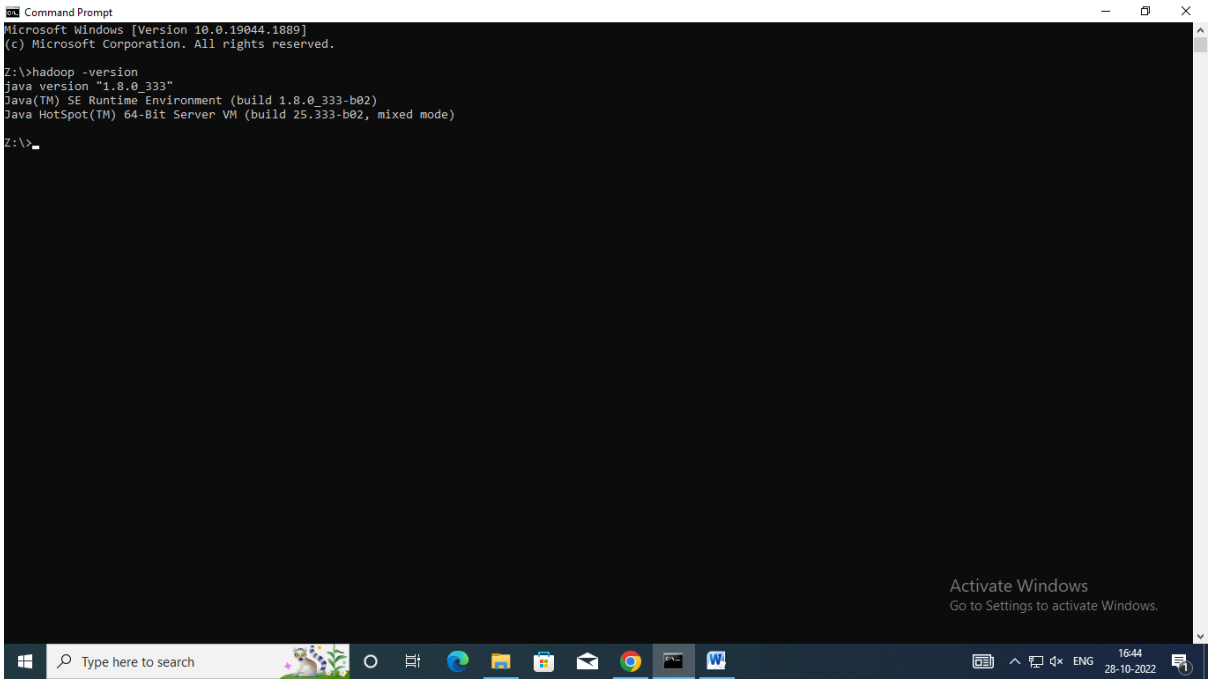

jdk1.8.0_333
File Home Share View
*hadoop-env - Notepad
File Edit Format View Help
@rem
@rem Unless required by applicable law or agreed to in writing, software
@rem distributed under the License is distributed on an "AS IS" BASIS,
@rem WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
@rem See the License for the specific language governing permissions and
@rem limitations under the License.
@rem Set Hadoop-specific environment variables here.
@rem The only required environment variable is JAVA_HOME. All others are
@rem optional. When running a distributed configuration it is best to
@rem set JAVA_HOME in this file, so that it is correctly defined on
@rem remote nodes.
@rem The java implementation to use. Required.
set JAVA_HOME=%C:\JAVA\jdk1.8.0_333%
@rem The jsvc implementation to use. Jsvc is required to run secure datanodes.
@rem set JSVC_HOME=%JSVC_HOME%
@rem set HADOOP_CONF_DIR=
@rem Extra Java CLASSPATH elements. Automatically insert capacity-scheduler.
Ln 25, Col 15 100% Windows (CRLF) UTF-8
Activate Windows
Go to Settings to activate Windows.
1 item
Type here to search
ENG 15:32 28-10-2022

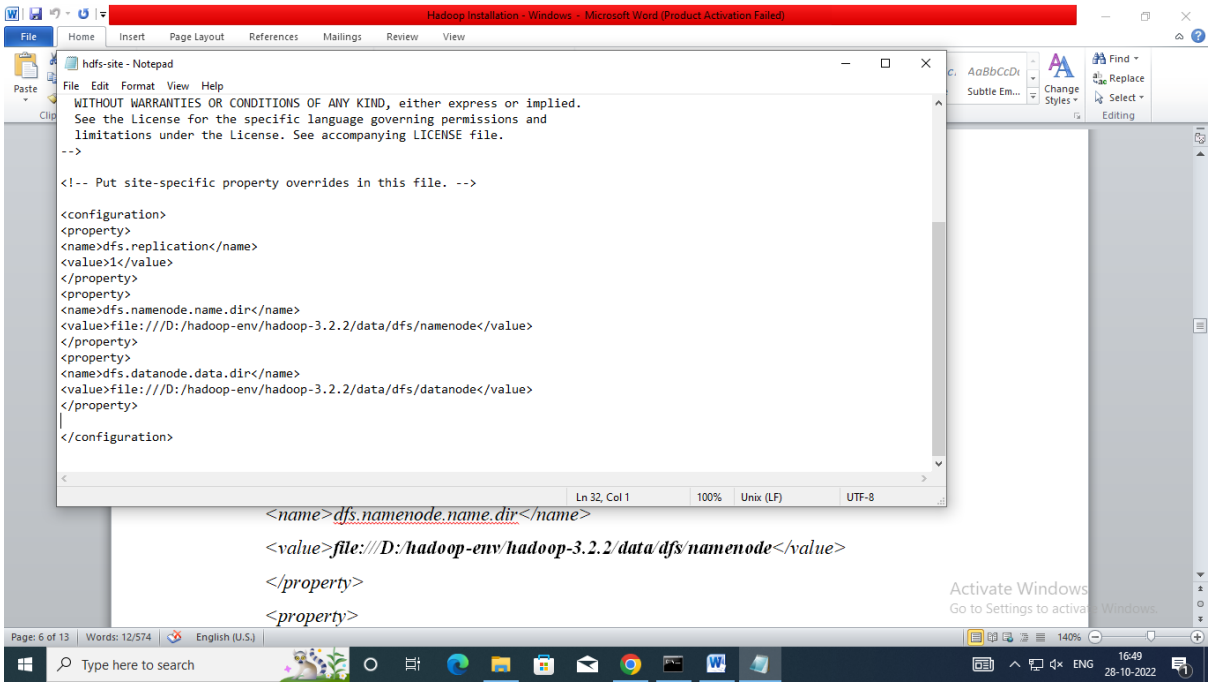

Hadoop Installation - Windows (Protected View) - Microsoft Word (Product Activation Failed)
Protected View This file originated from an Internet location and might be unsafe. Click for more details. Enable Editing
System Properties
Computer Name Hardware Advanced System Protection Remote
You must be logged on as an Administrator to make most of these changes.
Performance
Visual effects, processor scheduling, memory usage, and virtual memory
Settings...
User Profiles
Desktop settings related to your sign-in
Settings...
Startup and Recovery
System startup, system failure, and debugging information
Settings...
Environment Variables...
OK Cancel Apply
va and Hadoop in system environment variables
ariables, go to Control Panel → System and Security → System
PC" → Properties (My Computer icon) and click on the "Advanced
Open
Pin to Quick access
Manage
Pin to Start
Map network drive...
Disconnect network drive...
Create shortcut
Delete
Rename
Properties
Activate Windows
Go to Settings to activate Windows.
Page: 2 of 13 Words: 582
140%
Type here to search
ENG
15:36
28-10-2022

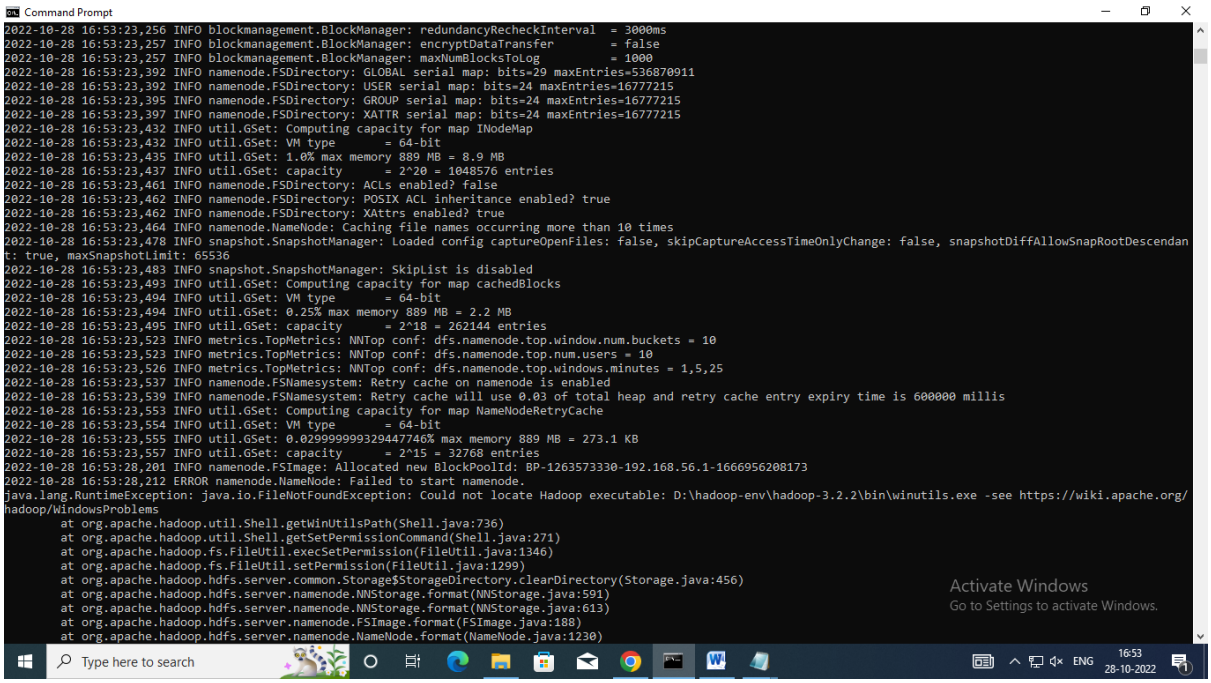

Hadoop Installation - Windows (Protected View) - Microsoft Word (Product Activation Failed)
Protected View
System Properties
Environment Variables
User variables for 19uite033
Variable Value
OneDrive C:\Users\19uite033\OneDrive
Path C:\Users\19uite033\AppData\Local\Microsoft\WindowsApps;
TEMP C:\Users\19uite033\AppData\Local\Temp
TMP C:\Users\19uite033\AppData\Local\Temp
New... Edit... Delete
System variables
Variable Value
ComSpec C:\Windows\system32\cmd.exe
DriverData C:\Windows\System32\Drivers\DriverData
NUMBER_OF_PROCESSORS 4
OS Windows_NT
Path C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Pro...
PATHEXT .COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE AMD64
New... Edit... Delete
OK Cancel
System
"Advanced
Activate Windows
Go to Settings to activate Windows.
Page: 2 of 13 Words: 582
140%
Type here to search
ENG
15:36
28-10-2022

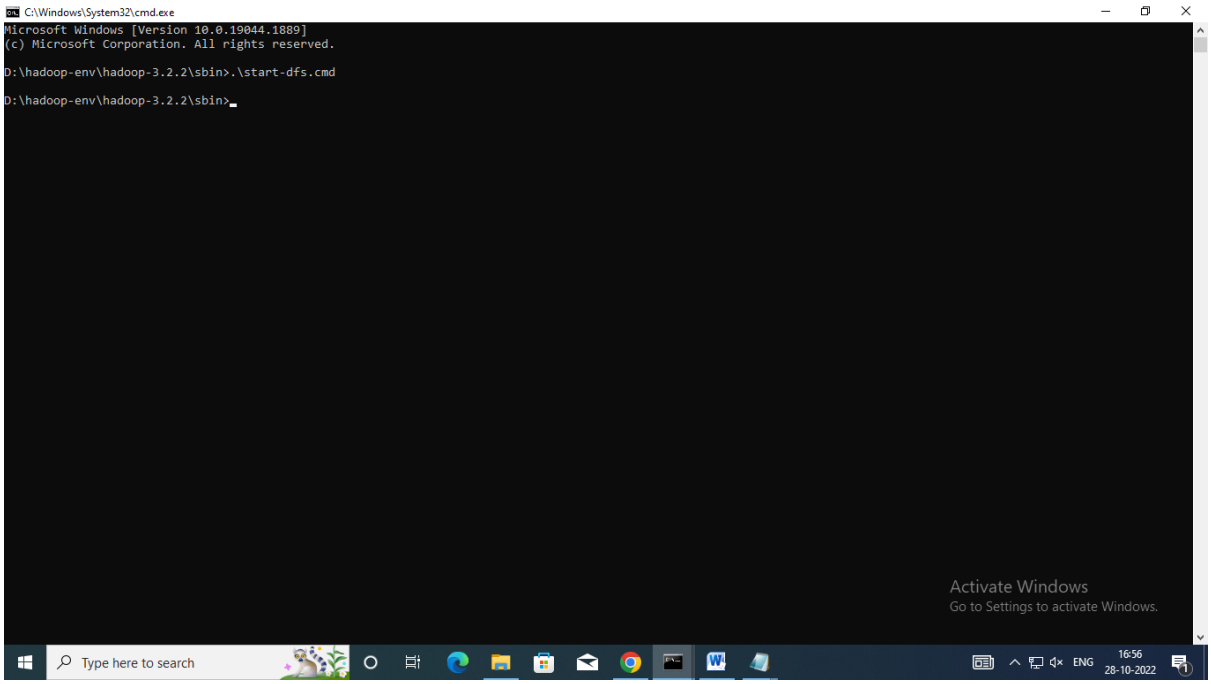

jdk1.8.0_333
File
Home
Share
View
This PC › Windows (C:) › JAVA › jdk1.8.0_333
Search jdk1.8.0_333
System Properties
Computer Name
Hardware
Advanced
System Protection
You must be logged on as an Administrator to make most changes.
Performance
Visual effects, processor scheduling, memory usage, and virtual memory
User Profiles
Desktop settings related to your sign-in
Startup and Recovery
System startup, system failure, and debugging information
OK
Environment Variables
User variables for 19uite033
Variable
Value
OneDrive
C:\Users\19uite033\OneDrive
Path
C:\Users\19uite033\AppData\Local\Microsoft\WindowsApps;
TEMP
C:\Users\19uite033\AppData\Local\Temp
TMP
C:\Users\19uite033\AppData\Local\Temp
New User Variable
Variable name:
JAVA_HOME
Variable value:
C:\JAVA\jdk1.8.0_333
Browse Directory...
Browse File...
OK
Cancel
NUMBER_OF_PROCESSORS
4
OS
Windows_NT
Path
C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Pro...
PATHEXT
.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE
AMD64
New...
Edit...
Delete
OK
Cancel
Activate Windows
Go to Settings to activate Windows.
1 item
Type here to search
ENG
15:48
28-10-2022

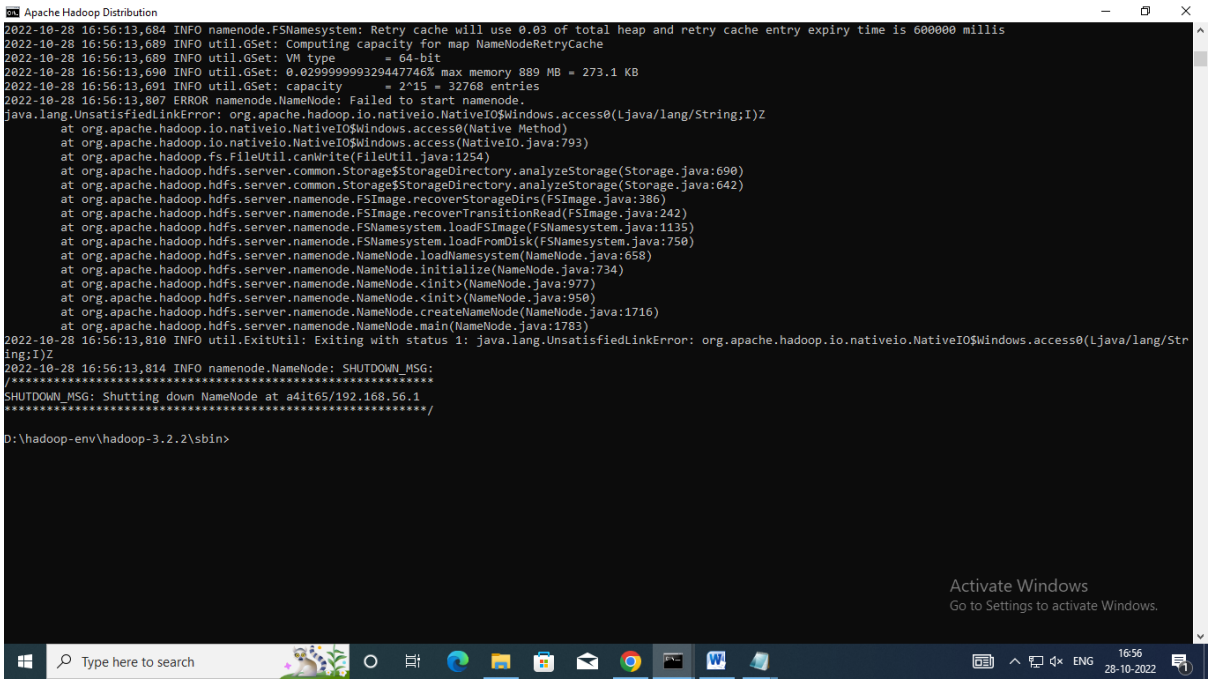

Hadoop Installation - Windows (Protected View) - Microsoft Word (Product Activation Failed)
File
Home
Insert
Page Layout
References
Mailings
Review
View
Protected View
This file originated from an internet location and might be unsafe. Click for more details.
Enable Editing
System Properties
Computer Name
Hardware
Advanced
System Protection
You must be logged on as an Administrator to make most changes.
Performance
Visual effects, processor scheduling, memory usage, and virtual memory
User Profiles
Desktop settings related to your sign-in
Startup and Recovery
System startup, system failure, and debugging information
OK
Environment Variables
Edit environment variable
%USERPROFILE%\AppData\Local\Microsoft\WindowsApps
%JAVA_HOME%\bin
%HADOOP_HOME%\bin
C:\JAVA\jdk1.8.0_333
D:\hadoop-env\hadoop-3.2.2\bin
New
Edit
Browse...
Delete
Move Up
Move Down
Edit text...
OK
Cancel
OK
Cancel
Activate Windows
Go to Settings to activate Windows.
Page: 5 of 13
Words: 582
140%
Type here to search
ENG
15:56
28-10-2022

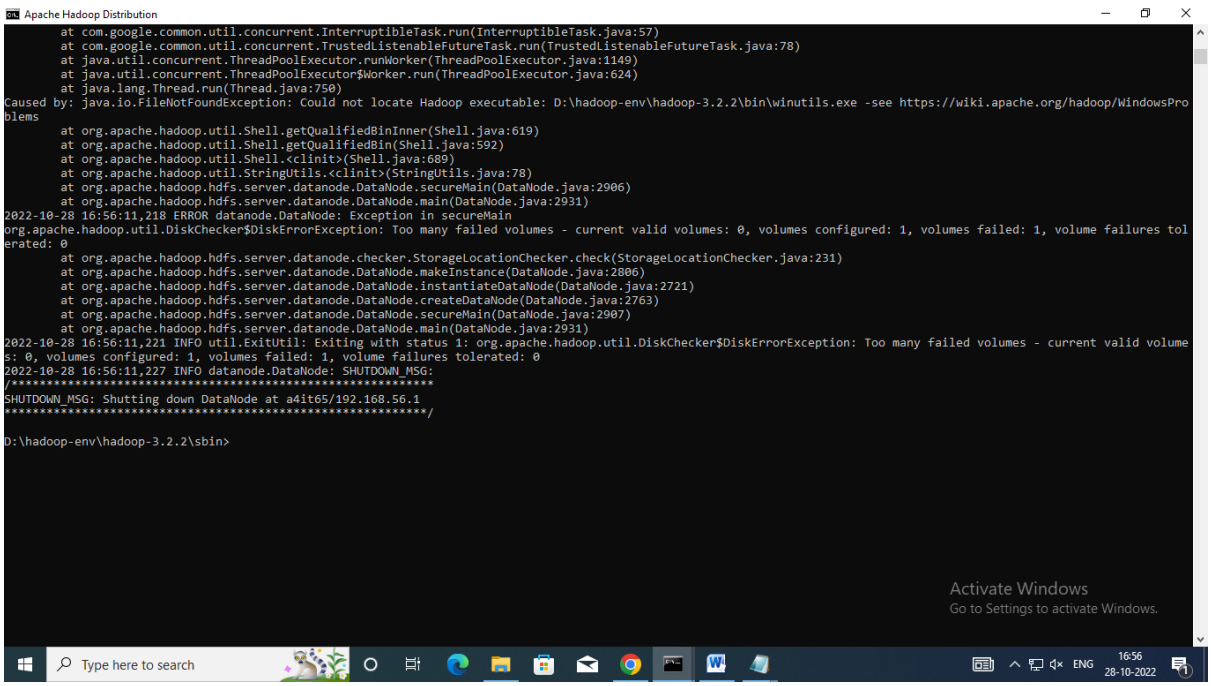

Command Prompt
Microsoft Windows [Version 10.0.19044.1889]
(c) Microsoft Corporation. All rights reserved.
Z:\>hadoop -version
java version "1.8.0_333"
Java(TM) SE Runtime Environment (build 1.8.0_333-b02)
Java HotSpot(TM) 64-Bit Server VM (build 25.333-b02, mixed mode)
Z:\>
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
16:44
28-10-2022

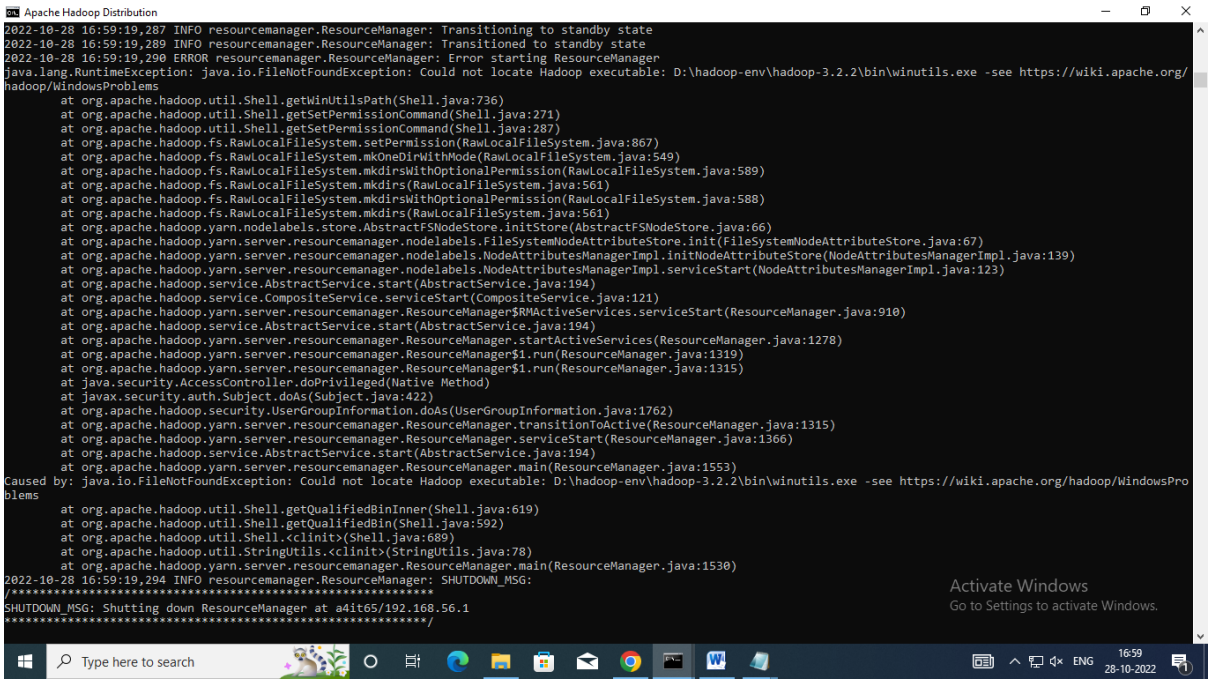

Hadoop Installation - Windows - Microsoft Word (Product Activation Failed)
File
Home
Insert
Page Layout
References
Mailings
Review
View
hdfs-site - Notepad
File Edit Format View Help
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing 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>file:///D:/hadoop-env/hadoop-3.2.2/data/dfs/namenode</value>
</property>
<property>
<name>dfs.datanode.data.dir</name>
<value>file:///D:/hadoop-env/hadoop-3.2.2/data/dfs/datanode</value>
</property>
</configuration>
Ln 32, Col 1
100%
Unix (LF)
UTF-8
<name>dfs.namenode.name.dir</name>
<value>file:///D:/hadoop-env/hadoop-3.2.2/data/dfs/namenode</value>
</property>
<property>
Activate Windows
Go to Settings to activate Windows.
Page: 6 of 13
Words: 12/574
English (U.S.)
140%
Type here to search
ENG
16:49
28-10-2022

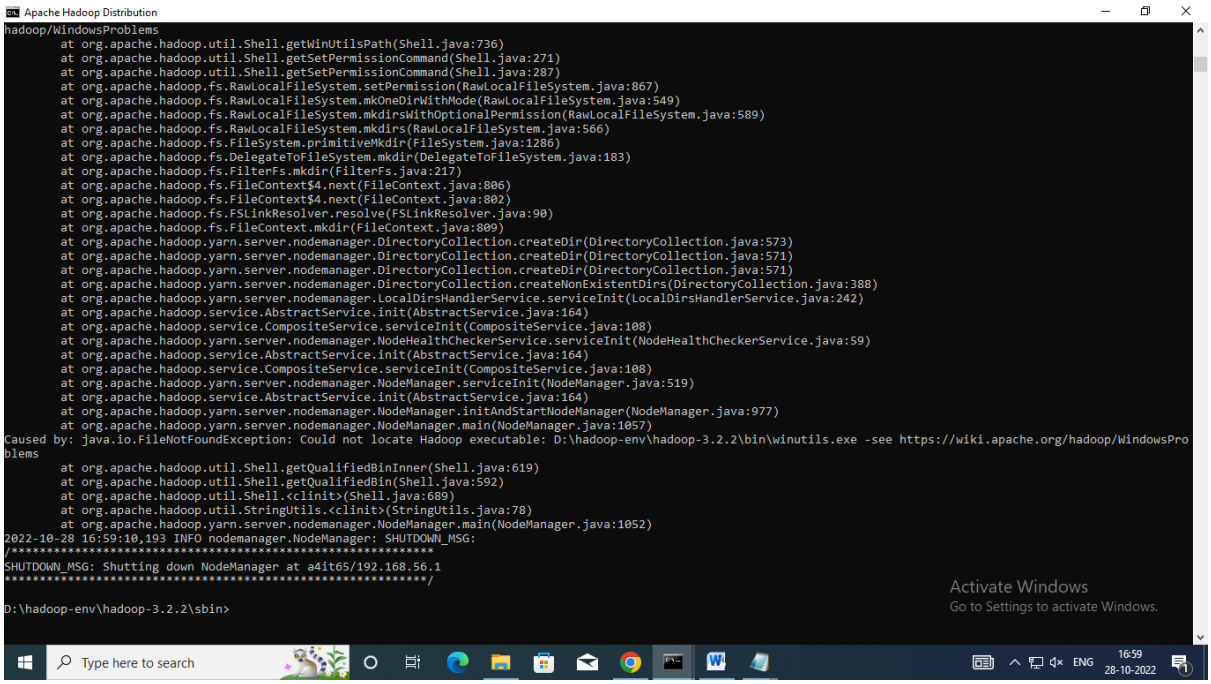

Command Prompt
2022-10-28 16:53:23,256 INFO blockmanagement.BlockManager: redundancyRecheckInterval = 3000ms
2022-10-28 16:53:23,257 INFO blockmanagement.BlockManager: encryptDataTransfer   = false
2022-10-28 16:53:23,257 INFO blockmanagement.BlockManager: maxNumBlocksToLog   = 1000
2022-10-28 16:53:23,392 INFO namenode.FSDirectory: GLOBAL serial map: bits=29 maxEntries=536870911
2022-10-28 16:53:23,392 INFO namenode.FSDirectory: USER serial map: bits=24 maxEntries=16777215
2022-10-28 16:53:23,395 INFO namenode.FSDirectory: GROUP serial map: bits=24 maxEntries=16777215
2022-10-28 16:53:23,397 INFO namenode.FSDirectory: XATTR serial map: bits=24 maxEntries=16777215
2022-10-28 16:53:23,432 INFO util.GSet: Computing capacity for map INodeMap
2022-10-28 16:53:23,432 INFO util.GSet: VM type   = 64-bit
2022-10-28 16:53:23,435 INFO util.GSet: 1.0% max memory 889 MB = 8.9 MB
2022-10-28 16:53:23,437 INFO util.GSet: capacity   = 2^20 = 1048576 entries
2022-10-28 16:53:23,461 INFO namenode.FSDirectory: ACLs enabled? false
2022-10-28 16:53:23,462 INFO namenode.FSDirectory: POSIX ACL inheritance enabled? true
2022-10-28 16:53:23,462 INFO namenode.FSDirectory: XAttrs enabled? true
2022-10-28 16:53:23,464 INFO namenode.NameNode: Caching file names occurring more than 10 times
2022-10-28 16:53:23,478 INFO snapshot.SnapshotManager: Loaded config captureOpenFiles: false, skipCaptureAccessTimeOnlyChange: false, snapshotDiffAllowSnapRootDescendant: true, maxSnapshotLimit: 65536
2022-10-28 16:53:23,483 INFO snapshot.SnapshotManager: SkipList is disabled
2022-10-28 16:53:23,493 INFO util.GSet: Computing capacity for map cachedBlocks
2022-10-28 16:53:23,494 INFO util.GSet: VM type   = 64-bit
2022-10-28 16:53:23,494 INFO util.GSet: 0.25% max memory 889 MB = 2.2 MB
2022-10-28 16:53:23,495 INFO util.GSet: capacity   = 2^18 = 262144 entries
2022-10-28 16:53:23,523 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.window.num.buckets = 10
2022-10-28 16:53:23,523 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.num.users = 10
2022-10-28 16:53:23,526 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.windows.minutes = 1,5,25
2022-10-28 16:53:23,537 INFO namenode.FSNamesystem: Retry cache on namenode is enabled
2022-10-28 16:53:23,539 INFO namenode.FSNamesystem: Retry cache will use 0.03 of total heap and retry cache entry expiry time is 600000 millis
2022-10-28 16:53:23,553 INFO util.GSet: Computing capacity for map NameNodeRetryCache
2022-10-28 16:53:23,554 INFO util.GSet: VM type   = 64-bit
2022-10-28 16:53:23,555 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
2022-10-28 16:53:23,557 INFO util.GSet: capacity   = 2^15 = 32768 entries
2022-10-28 16:53:28,201 INFO namenode.FSImage: Allocated new BlockPoolId: BP-1263573330-192.168.56.1-1666956208173
2022-10-28 16:53:28,212 ERROR namenode.NameNode: Failed to start namenode.
java.lang.RuntimeException: java.io.FileNotFoundException: Could not locate Hadoop executable: D:\hadoop-env\hadoop-3.2.2\bin\winutils.exe -see https://wiki.apache.org/hadoop/WindowsProblems
at org.apache.hadoop.util.Shell.getWinUtilsPath(Shell.java:736)
at org.apache.hadoop.util.Shell.getSetPermissionCommand(Shell.java:271)
at org.apache.hadoop.fs.FileUtil.execSetPermission(FileUtil.java:1346)
at org.apache.hadoop.fs.FileUtil.setPermission(FileUtil.java:1299)
at org.apache.hadoop.hdfs.server.common.Storage$StorageDirectory.clearDirectory(Storage.java:456)
at org.apache.hadoop.hdfs.server.namenode.NNStorage.format(NNStorage.java:591)
at org.apache.hadoop.hdfs.server.namenode.NNStorage.format(NNStorage.java:613)
at org.apache.hadoop.hdfs.server.namenode.FSImage.format(FSImage.java:188)
at org.apache.hadoop.hdfs.server.namenode.NameNode.format(NameNode.java:1230)
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
16:53
28-10-2022

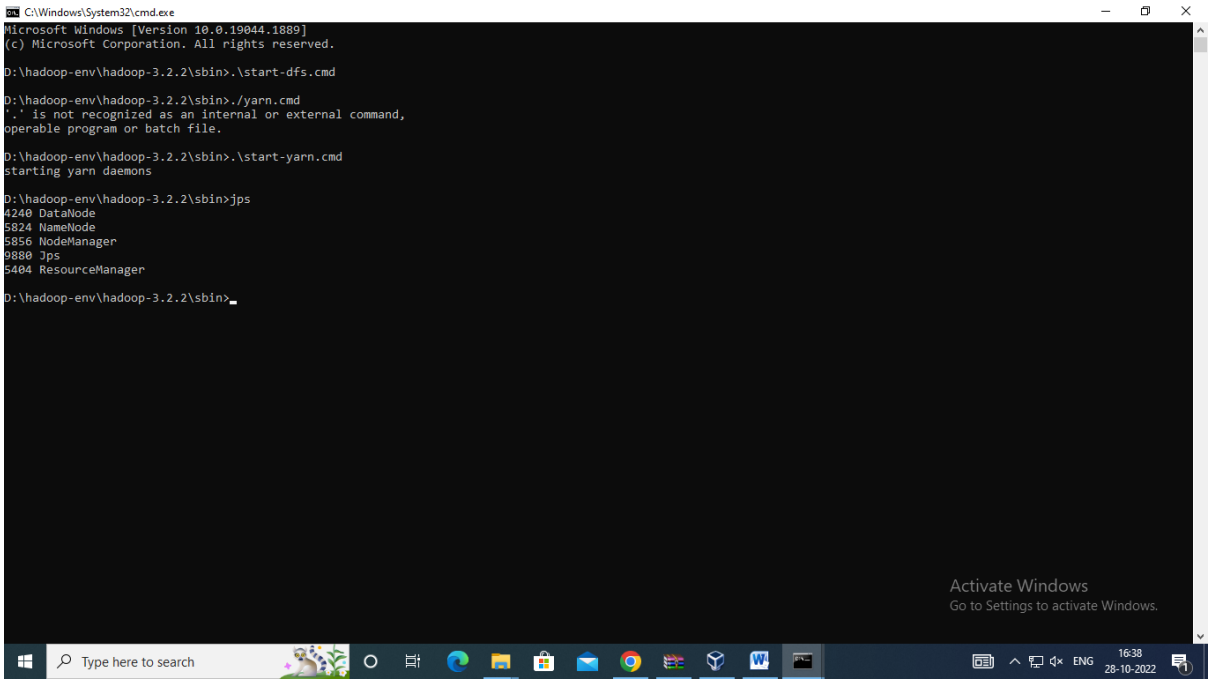

C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.1889]
(c) Microsoft Corporation. All rights reserved.
D:\hadoop-env\hadoop-3.2.2\sbin>.\start-dfs.cmd
D:\hadoop-env\hadoop-3.2.2\sbin>
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
16:56
28-10-2022

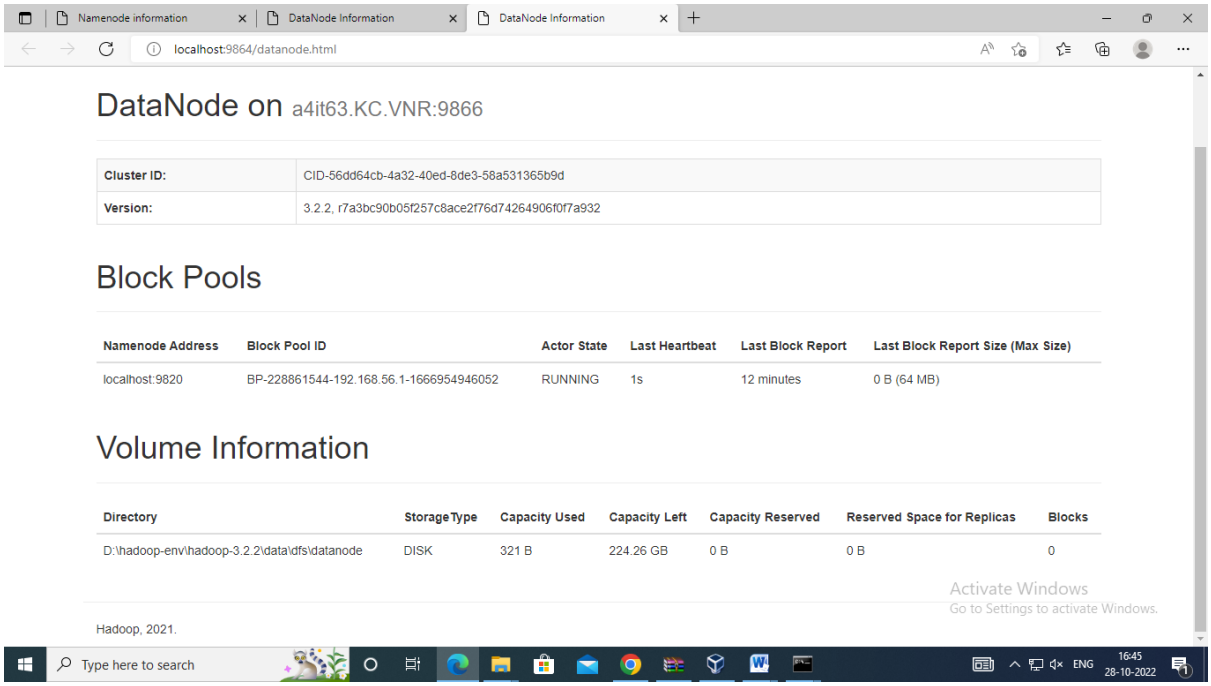

Apache Hadoop Distribution
2022-10-28 16:56:13,684 INFO namenode.FSNamesystem: Retry cache will use 0.03 of total heap and retry cache entry expiry time is 600000 millis
2022-10-28 16:56:13,689 INFO util.GSet: Computing capacity for map NameNodeRetryCache
2022-10-28 16:56:13,689 INFO util.GSet: VM type = 64-bit
2022-10-28 16:56:13,690 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
2022-10-28 16:56:13,691 INFO util.GSet: capacity = 2^15 = 32768 entries
2022-10-28 16:56:13,807 ERROR namenode.NameNode: Failed to start namenode.
java.lang.UnsatisfiedLinkError: org.apache.hadoop.io.nativeio.NativeIO$Windows.access0(Ljava/lang/String;I)Z
at org.apache.hadoop.io.nativeio.NativeIO$Windows.access0(Native Method)
at org.apache.hadoop.io.nativeio.NativeIO$Windows.access(NativeIO.java:793)
at org.apache.hadoop.fs.FileUtil.canWrite(FileUtil.java:1254)
at org.apache.hadoop.hdfs.server.common.Storage$StorageDirectory.analyzeStorage(Storage.java:690)
at org.apache.hadoop.hdfs.server.common.Storage$StorageDirectory.analyzeStorage(Storage.java:642)
at org.apache.hadoop.hdfs.server.namenode.FSImage.recoverStorageDirs(FSImage.java:386)
at org.apache.hadoop.hdfs.server.namenode.FSImage.recoverTransitionRead(FSImage.java:242)
at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.loadFSImage(FSNamesystem.java:1135)
at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.loadFromDisk(FSNamesystem.java:750)
at org.apache.hadoop.hdfs.server.namenode.NameNode.loadNamesystem(NameNode.java:658)
at org.apache.hadoop.hdfs.server.namenode.NameNode.initialize(NameNode.java:734)
at org.apache.hadoop.hdfs.server.namenode.NameNode.<init>(NameNode.java:977)
at org.apache.hadoop.hdfs.server.namenode.NameNode.<init>(NameNode.java:950)
at org.apache.hadoop.hdfs.server.namenode.NameNode.createNameNode(NameNode.java:1716)
at org.apache.hadoop.hdfs.server.namenode.NameNode.main(NameNode.java:1783)
2022-10-28 16:56:13,810 INFO util.ExitUtil: Exiting with status 1: java.lang.UnsatisfiedLinkError: org.apache.hadoop.io.nativeio.NativeIO$Windows.access0(Ljava/lang/String;I)Z
2022-10-28 16:56:13,814 INFO namenode.NameNode: SHUTDOWN_MSG:
/**
SHUTDOWN_MSG: Shutting down NameNode at a4it65/192.168.56.1
**/
D:\hadoop-env\hadoop-3.2.2\sbin>
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
16:56
28-10-2022

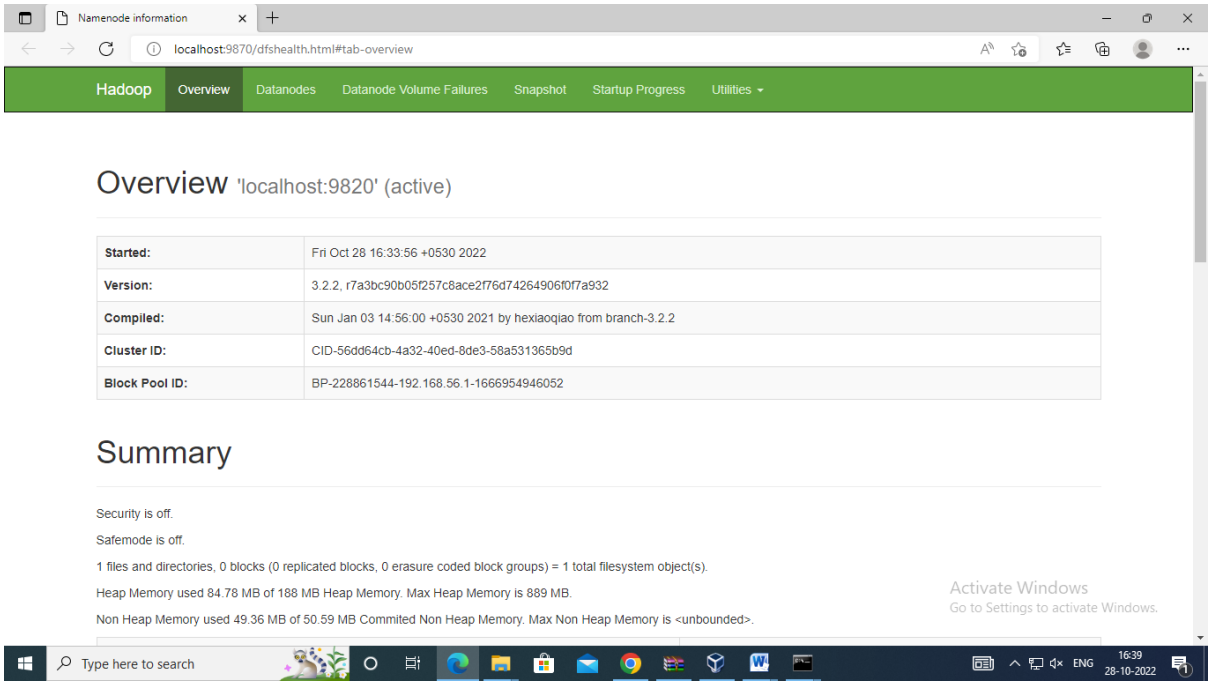

Apache Hadoop Distribution
at com.google.common.util.concurrent.InterruptibleTask.run(InterruptibleTask.java:57)
at com.google.common.util.concurrent.TrustedListenableFutureTask.run(TrustedListenableFutureTask.java:78)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at java.lang.Thread.run(Thread.java:750)
Caused by: java.io.FileNotFoundException: Could not locate Hadoop executable: D:\hadoop-env\hadoop-3.2.2\bin\winutils.exe -see https://wiki.apache.org/hadoop/WindowsProblems
at org.apache.hadoop.util.Shell.getQualifiedBinInner(Shell.java:619)
at org.apache.hadoop.util.Shell.getQualifiedBin(Shell.java:592)
at org.apache.hadoop.util.Shell.<clinit>(Shell.java:689)
at org.apache.hadoop.util.StringUtils.<clinit>(StringUtils.java:78)
at org.apache.hadoop.hdfs.server.datanode.DataNode.secureMain(DataNode.java:2906)
at org.apache.hadoop.hdfs.server.datanode.DataNode.main(DataNode.java:2931)
2022-10-28 16:56:11,218 ERROR datanode.DataNode: Exception in secureMain
org.apache.hadoop.util.DiskChecker$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:231)
at org.apache.hadoop.hdfs.server.datanode.DataNode.makeInstance(DataNode.java:2806)
at org.apache.hadoop.hdfs.server.datanode.DataNode.instantiateDataNode(DataNode.java:2721)
at org.apache.hadoop.hdfs.server.datanode.DataNode.createDataNode(DataNode.java:2763)
at org.apache.hadoop.hdfs.server.datanode.DataNode.secureMain(DataNode.java:2907)
at org.apache.hadoop.hdfs.server.datanode.DataNode.main(DataNode.java:2931)
2022-10-28 16:56:11,221 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
2022-10-28 16:56:11,227 INFO datanode.DataNode: SHUTDOWN_MSG:
/**
SHUTDOWN_MSG: Shutting down DataNode at a4it65/192.168.56.1
**/
D:\hadoop-env\hadoop-3.2.2\sbin>
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
16:56
28-10-2022


Apache Hadoop Distribution
2022-10-28 16:59:19,287 INFO resourcemanager.ResourceManager: Transitioning to standby state
2022-10-28 16:59:19,289 INFO resourcemanager.ResourceManager: Transitioned to standby state
2022-10-28 16:59:19,290 ERROR resourcemanager.ResourceManager: Error starting ResourceManager
java.lang.RuntimeException: java.io.FileNotFoundException: Could not locate Hadoop executable: D:\hadoop-env\hadoop-3.2.2\bin\winutils.exe -see https://wiki.apache.org/hadoop/WindowsProblems
at org.apache.hadoop.util.Shell.getWinUtilsPath(Shell.java:736)
at org.apache.hadoop.util.Shell.getSetPermissionCommand(Shell.java:271)
at org.apache.hadoop.util.Shell.getSetPermissionCommand(Shell.java:287)
at org.apache.hadoop.fs.RawLocalFileSystem.setPermission(RawLocalFileSystem.java:867)
at org.apache.hadoop.fs.RawLocalFileSystem.mkOneDirWithMode(RawLocalFileSystem.java:549)
at org.apache.hadoop.fs.RawLocalFileSystem.mkdirsWithOptionalPermission(RawLocalFileSystem.java:589)
at org.apache.hadoop.fs.RawLocalFileSystem.mkdirs(RawLocalFileSystem.java:561)
at org.apache.hadoop.fs.RawLocalFileSystem.mkdirsWithOptionalPermission(RawLocalFileSystem.java:588)
at org.apache.hadoop.fs.RawLocalFileSystem.mkdirs(RawLocalFileSystem.java:561)
at org.apache.hadoop.yarn.nodelabels.store.AbstractFSNodeStore.initStore(AbstractFSNodeStore.java:66)
at org.apache.hadoop.yarn.server.resourcemanager.nodelabels.FileSystemNodeAttributeStore.init(FileSystemNodeAttributeStore.java:67)
at org.apache.hadoop.yarn.server.resourcemanager.nodelabels.NodeAttributesManagerImpl.initNodeAttributeStore(NodeAttributesManagerImpl.java:139)
at org.apache.hadoop.yarn.server.resourcemanager.nodelabels.NodeAttributesManagerImpl.serviceStart(NodeAttributesManagerImpl.java:123)
at org.apache.hadoop.service.AbstractService.start(AbstractService.java:194)
at org.apache.hadoop.service.CompositeService.serviceStart(CompositeService.java:121)
at org.apache.hadoop.yarn.server.resourcemanager.ResourceManager$RMActiveServices.serviceStart(ResourceManager.java:910)
at org.apache.hadoop.service.AbstractService.start(AbstractService.java:194)
at org.apache.hadoop.yarn.server.resourcemanager.ResourceManager.startActiveServices(ResourceManager.java:1278)
at org.apache.hadoop.yarn.server.resourcemanager.ResourceManager$1.run(ResourceManager.java:1319)
at org.apache.hadoop.yarn.server.resourcemanager.ResourceManager$1.run(ResourceManager.java:1315)
at java.security.AccessController.doPrivileged(Native Method)
at javax.security.auth.Subject.doAs(Subject.java:422)
at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1762)
at org.apache.hadoop.yarn.server.resourcemanager.ResourceManager.transitionToActive(ResourceManager.java:1315)
at org.apache.hadoop.yarn.server.resourcemanager.ResourceManager.serviceStart(ResourceManager.java:1366)
at org.apache.hadoop.service.AbstractService.start(AbstractService.java:194)
at org.apache.hadoop.yarn.server.resourcemanager.ResourceManager.main(ResourceManager.java:1553)
Caused by: java.io.FileNotFoundException: Could not locate Hadoop executable: D:\hadoop-env\hadoop-3.2.2\bin\winutils.exe -see https://wiki.apache.org/hadoop/WindowsProblems
at org.apache.hadoop.util.Shell.getQualifiedBinInner(Shell.java:619)
at org.apache.hadoop.util.Shell.getQualifiedBin(Shell.java:592)
at org.apache.hadoop.util.Shell.<clinit>(Shell.java:689)
at org.apache.hadoop.util.StringUtils.<clinit>(StringUtils.java:78)
at org.apache.hadoop.yarn.server.resourcemanager.ResourceManager.main(ResourceManager.java:1530)
2022-10-28 16:59:19,294 INFO resourcemanager.ResourceManager: SHUTDOWN_MSG:
/**
SHUTDOWN_MSG: Shutting down ResourceManager at a4it65/192.168.56.1
**/
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
16:59
28-10-2022


Apache Hadoop Distribution
hadoop/WindowsProblems
at org.apache.hadoop.util.Shell.getWinUtilsPath(Shell.java:736)
at org.apache.hadoop.util.Shell.getSetPermissionCommand(Shell.java:271)
at org.apache.hadoop.util.Shell.getSetPermissionCommand(Shell.java:287)
at org.apache.hadoop.fs.RawLocalFileSystem.setPermission(RawLocalFileSystem.java:867)
at org.apache.hadoop.fs.RawLocalFileSystem.mkOneDirWithMode(RawLocalFileSystem.java:549)
at org.apache.hadoop.fs.RawLocalFileSystem.mkdirsWithOptionalPermission(RawLocalFileSystem.java:589)
at org.apache.hadoop.fs.RawLocalFileSystem.mkdirs(RawLocalFileSystem.java:566)
at org.apache.hadoop.fs.FileSystem.primitiveMkdir(FileSystem.java:1286)
at org.apache.hadoop.fs.DelegateToFileSystem.mkdir(DelegateToFileSystem.java:183)
at org.apache.hadoop.fs.FilterFs.mkdir(FilterFs.java:217)
at org.apache.hadoop.fs.FileContext$4.next(FileContext.java:806)
at org.apache.hadoop.fs.FileContext$4.next(FileContext.java:802)
at org.apache.hadoop.fs.FSLinkResolver.resolve(FSLinkResolver.java:90)
at org.apache.hadoop.fs.FileContext.mkdir(FileContext.java:809)
at org.apache.hadoop.yarn.server.nodemanager.DirectoryCollection.createDir(DirectoryCollection.java:573)
at org.apache.hadoop.yarn.server.nodemanager.DirectoryCollection.createDir(DirectoryCollection.java:571)
at org.apache.hadoop.yarn.server.nodemanager.DirectoryCollection.createDir(DirectoryCollection.java:571)
at org.apache.hadoop.yarn.server.nodemanager.DirectoryCollection.createNonExistentDirs(DirectoryCollection.java:388)
at org.apache.hadoop.yarn.server.nodemanager.LocalDirsHandlerService.serviceInit(LocalDirsHandlerService.java:242)
at org.apache.hadoop.service.AbstractService.init(AbstractService.java:164)
at org.apache.hadoop.service.CompositeService.serviceInit(CompositeService.java:108)
at org.apache.hadoop.yarn.server.nodemanager.NodeHealthCheckerService.serviceInit(NodeHealthCheckerService.java:59)
at org.apache.hadoop.service.AbstractService.init(AbstractService.java:164)
at org.apache.hadoop.service.CompositeService.serviceInit(CompositeService.java:108)
at org.apache.hadoop.yarn.server.nodemanager.NodeManager.serviceInit(NodeManager.java:519)
at org.apache.hadoop.service.AbstractService.init(AbstractService.java:164)
at org.apache.hadoop.yarn.server.nodemanager.NodeManager.initAndStartNodeManager(NodeManager.java:977)
at org.apache.hadoop.yarn.server.nodemanager.NodeManager.main(NodeManager.java:1057)
Caused by: java.io.FileNotFoundException: Could not locate Hadoop executable: D:\hadoop-env\hadoop-3.2.2\bin\winutils.exe -see https://wiki.apache.org/hadoop/WindowsProblems
at org.apache.hadoop.util.Shell.getQualifiedBinInner(Shell.java:619)
at org.apache.hadoop.util.Shell.getQualifiedBin(Shell.java:592)
at org.apache.hadoop.util.Shell.<clinit>(Shell.java:689)
at org.apache.hadoop.util.StringUtils.<clinit>(StringUtils.java:78)
at org.apache.hadoop.yarn.server.nodemanager.NodeManager.main(NodeManager.java:1052)
2022-10-28 16:59:10,193 INFO nodemanager.NodeManager: SHUTDOWN_MSG:
/**
SHUTDOWN_MSG: Shutting down NodeManager at a4it65/192.168.56.1
**/
D:\hadoop-env\hadoop-3.2.2\sbin>
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
16:59
28-10-2022


C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.1889]
(c) Microsoft Corporation. All rights reserved.
D:\hadoop-env\hadoop-3.2.2\sbin>.\start-dfs.cmd
D:\hadoop-env\hadoop-3.2.2\sbin>./yarn.cmd
'.' is not recognized as an internal or external command,
operable program or batch file.
D:\hadoop-env\hadoop-3.2.2\sbin>.\start-yarn.cmd
starting yarn daemons
D:\hadoop-env\hadoop-3.2.2\sbin>jps
4240 DataNode
5824 NameNode
5856 NodeManager
9880 Jps
5404 ResourceManager
D:\hadoop-env\hadoop-3.2.2\sbin>
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
16:38
28-10-2022


Namenode information
DataNode Information
DataNode Information
localhost:9864/datanode.html
DataNode on a4it63.KC.VNR:9866
Cluster ID: CID-56dd64cb-4a32-40ed-8de3-58a531365b9d
Version: 3.2.2, r7a3bc90b05f257c8ace2f76d74264906f0f7a932
Block Pools
Namenode Address | Block Pool ID | Actor State | Last Heartbeat | Last Block Report | Last Block Report Size (Max Size)
localhost:9820 | BP-228861544-192.168.56.1-1666954946052 | RUNNING | 1s | 12 minutes | 0 B (64 MB)
Volume Information
Directory | StorageType | Capacity Used | Capacity Left | Capacity Reserved | Reserved Space for Replicas | Blocks
D:\hadoop-env\hadoop-3.2.2\data\dfs\datanode | DISK | 321 B | 224.26 GB | 0 B | 0 B | 0
Activate Windows
Go to Settings to activate Windows.
Hadoop, 2021.
Type here to search
ENG
16:45
28-10-2022


Namenode information
localhost:9870/dfshealth.html#tab-overview
Hadoop
Overview
Datanodes
Datanode Volume Failures
Snapshot
Startup Progress
Utilities
Overview 'localhost:9820' (active)
Started: Fri Oct 28 16:33:56 +0530 2022
Version: 3.2.2, r7a3bc90b05f257c8ace2f76d74264906f0f7a932
Compiled: Sun Jan 03 14:56:00 +0530 2021 by hexiaoqiao from branch-3.2.2
Cluster ID: CID-56dd64cb-4a32-40ed-8de3-58a531365b9d
Block Pool ID: BP-228861544-192.168.56.1-1666954946052
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 84.78 MB of 188 MB Heap Memory. Max Heap Memory is 889 MB.
Non Heap Memory used 49.36 MB of 50.59 MB Commited Non Heap Memory. Max Non Heap Memory is <unbounded>.
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
16:39
28-10-2022