```
 -extdirs <dirs>           Override location of installed extensions
 -endorseddirs <dirs>      Override location of endorsed standards path
 -proc:{none,only}         Control whether annotation processing and/or compilation is done.
 -processor <class1>[,<class2>,<class3>...] Names of the annotation processors to run; bypasses default discovery proce
ss
 -processorpath <path>     Specify where to find annotation processors
 -parameters               Generate metadata for reflection on method parameters
 -d <directory>            Specify where to place generated class files
 -s <directory>            Specify where to place generated source files
 -h <directory>            Specify where to place generated native header files
 -implicit:{none,class}    Specify whether or not to generate class files for implicitly referenced files
 -encoding <encoding>      Specify character encoding used by source files
 -source <release>         Provide source compatibility with specified release
 -target <release>         Generate class files for specific VM version
 -profile <profile>        Check that API used is available in the specified profile
 -version                  Version information
 -help                     Print a synopsis of standard options
 -Akey[=value]             Options to pass to annotation processors
 -X                        Print a synopsis of nonstandard options
 -J<flag>                  Pass <flag> directly to the runtime system
 -Werror                   Terminate compilation if warnings occur
 @<filename>               Read options and filenames from file


C:\Users\balla> java -version
java version "1.8.0_202"
Java(TM) SE Runtime Environment (build 1.8.0_202-b08)
Java HotSpot(TM) 64-Bit Server VM (build 25.202-b08, mixed mode)


C:\Users\balla>
```

Apache Hadoop Distribution - hadoop datanode

5037953 on volume C:\hadoop-3.3.0\data\datanode...
2022-01-08 15:01:08,886 INFO impl.BlockPoolSlice: Replica Cache file: C:\hadoop-3.3.0\data\datanode\current\BP-147525322
0-192.168.1.10-1641625037953\current\replicas doesn't exist
2022-01-08 15:01:08,889 INFO impl.FsDatasetImpl: Time to add replicas to map for block pool BP-1475253220-192.168.1.10-1
641625037953 on volume C:\hadoop-3.3.0\data\datanode: 3ms
2022-01-08 15:01:08,889 INFO impl.FsDatasetImpl: Total time to add all replicas to map for block pool BP-1475253220-192.
168.1.10-1641625037953: 4ms
2022-01-08 15:01:08,890 INFO checker.ThrottledAsyncChecker: Scheduling a check for C:\hadoop-3.3.0\data\datanode
2022-01-08 15:01:08,907 INFO checker.DatasetVolumeChecker: Scheduled health check for volume C:\hadoop-3.3.0\data\datano
de
2022-01-08 15:01:08,911 INFO datanode.VolumeScanner: Now scanning bpid BP-1475253220-192.168.1.10-1641625037953 on volum
e C:\hadoop-3.3.0\data\datanode
2022-01-08 15:01:08,912 INFO datanode.VolumeScanner: VolumeScanner(C:\hadoop-3.3.0\data\datanode, DS-6e785182-e68a-4315-
b3eb-1dca7df26ce9): finished scanning block pool BP-1475253220-192.168.1.10-1641625037953
2022-01-08 15:01:08,960 INFO datanode.VolumeScanner: VolumeScanner(C:\hadoop-3.3.0\data\datanode, DS-6e785182-e68a-4315-
b3eb-1dca7df26ce9): no suitable block pools found to scan. Waiting 1814399951 ms.
2022-01-08 15:01:08,962 INFO datanode.DirectoryScanner: Periodic Directory Tree Verification scan starting at 1/8/22 3:4
5 PM with interval of 21600000ms
2022-01-08 15:01:08,975 INFO datanode.DataNode: Block pool BP-1475253220-192.168.1.10-1641625037953 (Datanode Uuid 258ae
976-a56a-4ab2-b6a4-cf5543762633) service to localhost/127.0.0.1:9000 beginning handshake with NN
2022-01-08 15:01:09,021 INFO datanode.DataNode: Block pool Block pool BP-1475253220-192.168.1.10-1641625037953 (Datanode
Uuid 258ae976-a56a-4ab2-b6a4-cf5543762633) service to localhost/127.0.0.1:9000 successfully registered with NN
2022-01-08 15:01:09,021 INFO datanode.DataNode: For namenode localhost/127.0.0.1:9000 using BLOCKREPORT_INTERVAL of 2160
0000msec CACHEREPORT_INTERVAL of 10000msec Initial delay: 0msec; heartBeatInterval=3000
2022-01-08 15:01:09,303 INFO datanode.DataNode: Successfully sent block report 0x9048d20a519ccd12, containing 1 storage
report(s), of which we sent 1. The reports had 0 total blocks and used 1 RPC(s). This took 3 msec to generate and 115 m
secs for RPC and NN processing. Got back one command: FinalizeCommand/5.
2022-01-08 15:01:09,304 INFO datanode.DataNode: Got finalize command for block pool BP-1475253220-192.168.1.10-164162503
7953

Command Prompt

2022-01-08 14:57:17,960 INFO common.Storage: Will remove files: [C:\hadoop-3.3.0\data\namenode\current\fsimage_00
0000000000, C:\hadoop-3.3.0\data\namenode\current\fsimage_0000000000000000000.md5, C:\hadoop-3.3.0\data\namenode\
\seen_txid, C:\hadoop-3.3.0\data\namenode\current\VERSION]
2022-01-08 14:57:18,029 INFO common.Storage: Storage directory C:\hadoop-3.3.0\data\namenode has been successfull
tted.
2022-01-08 14:57:18,055 INFO namenode.FSImageFormatProtobuf: Saving image file C:\hadoop-3.3.0\data\namenode\curr
mage.ckpt_0000000000000000000 using no compression
2022-01-08 14:57:18,134 INFO namenode.FSImageFormatProtobuf: Image file C:\hadoop-3.3.0\data\namenode\current\fsi
pt_0000000000000000000 of size 400 bytes saved in 0 seconds .
2022-01-08 14:57:18,197 INFO namenode.NNStorageRetentionManager: Going to retain 1 images with txid >= 0
2022-01-08 14:57:18,206 INFO namenode.FSImage: FSImageSaver clean checkpoint: txid=0 when meet shutdown.
2022-01-08 14:57:18,207 INFO namenode.NameNode: SHUTDOWN_MSG:
/**
SHUTDOWN_MSG: Shutting down NameNode at DESKTOP-SM3UMNR/192.168.1.10
**/

C:\Users\balla> cd ..

C:\Users>cd ..

C:\> cd hadoop-3.2.2

C:\hadoop-3.2.2> cd sbin

C:\hadoop-3.2.2\sbin>start -dfs
The system cannot find the file -dfs.

C:\hadoop-3.2.2\sbin>start-dfs

C:\hadoop-3.2.2\sbin>

Apache Hadoop Distribution - hadoop namenode

2022-01-08 15:01:07,640 INFO blockmanagement.BlockManager: Number of over-replicated blocks = 0
2022-01-08 15:01:07,640 INFO blockmanagement.BlockManager: Number of blocks being written = 0
2022-01-08 15:01:07,641 INFO hdfs.StateChange: STATE* Replication Queue initialization scan for invalid, over- and under
-replicated blocks completed in 25 msec
2022-01-08 15:01:07,726 INFO ipc.Server: IPC Server listener on 9000: starting
2022-01-08 15:01:07,727 INFO ipc.Server: IPC Server Responder: starting
2022-01-08 15:01:07,732 INFO namenode.NameNode: NameNode RPC up at: localhost/127.0.0.1:9000
2022-01-08 15:01:07,736 INFO namenode.FSNamesystem: Starting services required for active state
2022-01-08 15:01:07,737 INFO namenode.FSDirectory: Initializing quota with 4 thread(s)
2022-01-08 15:01:07,749 INFO namenode.FSDirectory: Quota initialization completed in 12 milliseconds
name space=1
storage space=0
storage types=RAM_DISK=0, SSD=0, DISK=0, ARCHIVE=0, PROVIDED=0
2022-01-08 15:01:07,756 INFO blockmanagement.CacheReplicationMonitor: Starting CacheReplicationMonitor with interval 300
00 milliseconds
2022-01-08 15:01:09,005 INFO hdfs.StateChange: BLOCK* registerDatanode: from DatanodeRegistration(127.0.0.1:9866, datano
deUuid=258ae976-a56a-4ab2-b6a4-cf5543762633, infoPort=9864, infoSecurePort=0, ipcPort=9867, storageInfo=lv=-57;cid=CID-d
2d4c889-f463-41b2-8539-4dd0b1d3e815;nsid=1993552399;c=1641625037953) storage 258ae976-a56a-4ab2-b6a4-cf5543762633
2022-01-08 15:01:09,008 INFO net.NetworkTopology: Adding a new node: /default-rack/127.0.0.1:9866
2022-01-08 15:01:09,008 INFO blockmanagement.BlockReportLeaseManager: Registered DN 258ae976-a56a-4ab2-b6a4-cf5543762633
(127.0.0.1:9866).
2022-01-08 15:01:09,160 INFO blockmanagement.DatanodeDescriptor: Adding new storage ID DS-6e785182-e68a-4315-b3eb-1dca7d
f26ce9 for DN 127.0.0.1:9866
2022-01-08 15:01:09,206 INFO BlockStateChange: BLOCK* processReport 0x9048d20a519ccd12: Processing first storage report
for DS-6e785182-e68a-4315-b3eb-1dca7df26ce9 from datanode 258ae976-a56a-4ab2-b6a4-cf5543762633
2022-01-08 15:01:09,209 INFO BlockStateChange: BLOCK* processReport 0x9048d20a519ccd12: from storage DS-6e785182-e68a-43
15-b3eb-1dca7df26ce9 node DatanodeRegistration(127.0.0.1:9866, datanodeUuid=258ae976-a56a-4ab2-b6a4-cf5543762633, infoPo
rt=9864, infoSecurePort=0, ipcPort=9867, storageInfo=lv=-57;cid=CID-d2d4c889-f463-41b2-8539-4dd0b1d3e815;nsid=1993552399
;c=1641625037953), blocks: 0, hasStaleStorage: false, processing time: 3 msecs, invalidatedBlocks: 0

Apache Hadoop Distribution - hadoop datanode

5037953 on volume C:\hadoop-3.3.0\data\datanode...
2022-01-08 15:01:08,886 INFO impl.BlockPoolSlice: Replica Cache file: C:\hadoop-3.3.0\data\datanode\current\BP-147525322
0-192.168.1.10-1641625037953\current\replicas doesn't exist
2022-01-08 15:01:08,889 INFO impl.FsDatasetImpl: Time to add replicas to map for block pool BP-1475253220-192.168.1.10-1
641625037953 on volume C:\hadoop-3.3.0\data\datanode: 3ms
2022-01-08 15:01:08,889 INFO impl.FsDatasetImpl: Total time to add all replicas to map for block pool BP-1475253220-192.
168.1.10-1641625037953: 4ms
2022-01-08 15:01:08,890 INFO checker.ThrottledAsyncChecker: Scheduling a check for C:\hadoop-3.3.0\data\datanode
2022-01-08 15:01:08,907 INFO checker.DatasetVolumeChecker: Scheduled health check for volume C:\hadoop-3.3.0\data\datano
de
2022-01-08 15:01:08,911 INFO datanode.VolumeScanner: Now scanning bpid BP-1475253220-192.168.1.10-1641625037953 on volum
e C:\hadoop-3.3.0\data\datanode
2022-01-08 15:01:08,912 INFO datanode.VolumeScanner: VolumeScanner(C:\hadoop-3.3.0\data\datanode, DS-6e785182-e68a-4315-
b3eb-1dca7df26ce9): finished scanning block pool BP-1475253220-192.168.1.10-1641625037953
2022-01-08 15:01:08,960 INFO datanode.VolumeScanner: VolumeScanner(C:\hadoop-3.3.0\data\datanode, DS-6e785182-e68a-4315-
b3eb-1dca7df26ce9): no suitable block pools found to scan. Waiting 1814399951 ms.
2022-01-08 15:01:08,962 INFO datanode.DirectoryScanner: Periodic Directory Tree Verification scan starting at 1/8/22 3:4
5 PM with interval of 21600000ms
2022-01-08 15:01:08,975 INFO datanode.DataNode: Block pool BP-1475253220-192.168.1.10-1641625037953 (Datanode Uuid 258ae
976-a56a-4ab2-b6a4-cf5543762633) service to localhost/127.0.0.1:9000 beginning handshake with NN
2022-01-08 15:01:09,021 INFO datanode.DataNode: Block pool Block pool BP-1475253220-192.168.1.10-1641625037953 (Datanode
 Uuid 258ae976-a56a-4ab2-b6a4-cf5543762633) service to localhost/127.0.0.1:9000 successfully registered with NN
2022-01-08 15:01:09,021 INFO datanode.DataNode: For namenode localhost/127.0.0.1:9000 using BLOCKREPORT_INTERVAL of 2160
0000msec CACHEREPORT_INTERVAL of 10000msec Initial delay: 0msec; heartBeatInterval=3000
2022-01-08 15:01:09,303 INFO datanode.DataNode: Successfully sent block report 0x9048d20a519ccd12, containing 1 storage
report(s), of which we sent 1. The reports had 0 total blocks and used 1 RPC(s). This took 3 msec to generate and 115 m
secs for RPC and NN processing. Got back one command: FinalizeCommand/5.
2022-01-08 15:01:09,304 INFO datanode.DataNode: Got finalize command for block pool BP-1475253220-192.168.1.10-164162503
7953

Command Prompt

2022-01-08 14:57:18,029 INFO common.Storage: Storage directory C:\hadoop-3.3.0\data\namenode has been suc
tted.
2022-01-08 14:57:18,055 INFO namenode.FSImageFormatProtobuf: Saving image file C:\hadoop-3.3.0\data\namen
mage.ckpt_0000000000000000000 using no compression
2022-01-08 14:57:18,134 INFO namenode.FSImageFormatProtobuf: Image file C:\hadoop-3.3.0\data\namenode\cur
pt_0000000000000000000 of size 400 bytes saved in 0 seconds .
2022-01-08 14:57:18,197 INFO namenode.NNStorageRetentionManager: Going to retain 1 images with txid >= 0
2022-01-08 14:57:18,206 INFO namenode.FSImage: FSImageSaver clean checkpoint: txid=0 when meet shutdown.
2022-01-08 14:57:18,207 INFO namenode.NameNode: SHUTDOWN_MSG:
/**
SHUTDOWN_MSG: Shutting down NameNode at DESKTOP-SM3UMNR/192.168.1.10
**/

C:\Users\balla> cd ..

C:\Users>cd ..

C:\> cd hadoop-3.2.2

C:\hadoop-3.2.2> cd sbin

C:\hadoop-3.2.2\sbin>start -dfs
The system cannot find the file -dfs.

C:\hadoop-3.2.2\sbin>start-dfs

C:\hadoop-3.2.2\sbin>start-yarn
starting yarn daemons

C:\hadoop-3.2.2\sbin>

Apache Hadoop Distribution - hadoop namenode

-replicated blocks completed in 25 msec
2022-01-08 15:01:07,726 INFO ipc.Server: IPC Server listener on 9000: starting
2022-01-08 15:01:07,727 INFO ipc.Server: IPC Server Responder: starting
2022-01-08 15:01:07,732 INFO namenode.NameNode: NameNode RPC up at: localhost/127.0.0.1:9000
2022-01-08 15:01:07,736 INFO namenode.FSNamesystem: Starting services required for active state
2022-01-08 15:01:07,737 INFO namenode.FSDirectory: Initializing quota with 4 thread(s)
2022-01-08 15:01:07,749 INFO namenode.FSDirectory: Quota initialization completed in 12 milliseconds
name space=1
storage space=0
storage types=RAM_DISK=0, SSD=0, DISK=0, ARCHIVE=0, PROVIDED=0
2022-01-08 15:01:07,756 INFO blockmanagement.CacheReplicationMonitor: Starting CacheReplicationMonitor with interval 300
00 milliseconds
2022-01-08 15:01:09,005 INFO hdfs.StateChange: BLOCK* registerDatanode: from DatanodeRegistration(127.0.0.1:9866, datano
deUuid=258ae976-a56a-4ab2-b6a4-cf5543762633, infoPort=9864, infoSecurePort=0, ipcPort=9867, storageInfo=lv=-57;cid=CID-d
2d4c889-f463-41b2-8539-4dd0b1d3e815;nsid=1993552399;c=1641625037953) storage 258ae976-a56a-4ab2-b6a4-cf5543762633
2022-01-08 15:01:09,008 INFO net.NetworkTopology: Adding a new node: /default-rack/127.0.0.1:9866
2022-01-08 15:01:09,008 INFO blockmanagement.BlockReportLeaseManager: Registered DN 258ae976-a56a-4ab2-b6a4-cf5543762633
 (127.0.0.1:9866).
2022-01-08 15:01:09,160 INFO blockmanagement.DatanodeDescriptor: Adding new storage ID DS-6e785182-e68a-4315-b3eb-1dca7d
f26ce9 for DN 127.0.0.1:9866
2022-01-08 15:01:09,206 INFO BlockStateChange: BLOCK* processReport 0x9048d20a519ccd12: Processing first storage report
for DS-6e785182-e68a-4315-b3eb-1dca7df26ce9 from datanode 258ae976-a56a-4ab2-b6a4-cf5543762633
2022-01-08 15:01:09,209 INFO BlockStateChange: BLOCK* processReport 0x9048d20a519ccd12: from storage DS-6e785182-e68a-43
15-b3eb-1dca7df26ce9 node DatanodeRegistration(127.0.0.1:9866, datanodeUuid=258ae976-a56a-4ab2-b6a4-cf5543762633, infoPo
rt=9864, infoSecurePort=0, ipcPort=9867, storageInfo=lv=-57;cid=CID-d2d4c889-f463-41b2-8539-4dd0b1d3e815;nsid=1993552399
;c=1641625037953), blocks: 0, hasStaleStorage: false, processing time: 3 msecs, invalidatedBlocks: 0

hadoop3 - Paint

Apache Hadoop Distribution

```
        at org.apache.hadoop.yarn.server.nodemanager.containermanager.localizer.ResourceLocalizationService$1.onDirsChan
ged(ResourceLocalizationService.java:286)
        at org.apache.hadoop.yarn.server.nodemanager.DirectoryCollection.registerDirsChangeListener(DirectoryCollection.
java:263)
        at org.apache.hadoop.yarn.server.nodemanager.LocalDirsHandlerService.registerLocalDirsChangeListener(LocalDirsHa
ndlerService.java:278)
        at org.apache.hadoop.yarn.server.nodemanager.containermanager.localizer.ResourceLocalizationService.serviceStart
(ResourceLocalizationService.java:394)
        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.nodemanager.containermanager.ContainerManagerImpl.serviceStart(ContainerManager
Impl.java:668)
        at org.apache.hadoop.service.AbstractService.start(AbstractService.java:194)
        at org.apache.hadoop.service.CompositeService.serviceStart(CompositeService.java:121)
        at org.apache.hadoop.service.AbstractService.start(AbstractService.java:194)
        at org.apache.hadoop.yarn.server.nodemanager.NodeManager.initAndStartNodeManager(NodeManager.java:978)
        at org.apache.hadoop.yarn.server.nodemanager.NodeManager.main(NodeManager.java:1057)
Caused by: org.apache.hadoop.yarn.exceptions.YarnRuntimeException: Permissions incorrectly set for dir /tmp/hadoop-balla
/nm-local-dir/filecache, should be rwxr-xr-x, actual value = rwxrwxr-x
        at org.apache.hadoop.yarn.server.nodemanager.containermanager.localizer.ResourceLocalizationService.checkLocalDi
r(ResourceLocalizationService.java:1664)
        at org.apache.hadoop.yarn.server.nodemanager.containermanager.localizer.ResourceLocalizationService.checkAndInit
ializeLocalDirs(ResourceLocalizationService.java:1632)
        ... 12 more
2022-01-08 15:04:47,769 INFO nodemanager.NodeManager: SHUTDOWN_MSG:
/************************************************************
SHUTDOWN_MSG: Shutting down NodeManager at DESKTOP-SM3UMNR/192.168.1.10
************************************************************/
C:\hadoop-3.2.2\sbin>
```

Command Prompt

```
Image.ckpt_0000000000000000000 using no compression
2022-01-08 14:57:18,134 INFO namenode.FSImageFormatProtobuf: Image file C:\hadoop-3.3.0\data\namenode\current\fsi
pt_0000000000000000000 of size 400 bytes saved in 0 seconds .
2022-01-08 14:57:18,197 INFO namenode.NNStorageRetentionManager: Going to retain 1 images with txid >= 0
2022-01-08 14:57:18,206 INFO namenode.FSImage: FSImageSaver clean checkpoint: txid=0 when meet shutdown.
2022-01-08 14:57:18,207 INFO namenode.NameNode: SHUTDOWN_MSG:
/************************************************************
SHUTDOWN_MSG: Shutting down NameNode at DESKTOP-SM3UMNR/192.168.1.10
************************************************************/

C:\Users\balla> cd ..

C:\Users>cd ..

C:\> cd hadoop-3.2.2

C:\hadoop-3.2.2> cd sbin

C:\hadoop-3.2.2\sbin>start -dfs
The system cannot find the file -dfs.

C:\hadoop-3.2.2\sbin>start-dfs

C:\hadoop-3.2.2\sbin>start-yarn
starting yarn daemons

C:\hadoop-3.2.2\sbin>start-yarn
starting yarn daemons
```

Apache Hadoop Distribution

```
2022-01-08 15:01:09,021 INFO datanode.Da
Uuid 258ae976-a56a-4ab2-b6a4-cf55437626
2022-01-08 15:01:09,021 INFO datanode.Da
0000msec CACHEREPORT_INTERVAL of 10000ms
2022-01-08 15:01:09,303 INFO datanode.Da
report(s), of which we sent 1. The repo
secs for RPC and NN processing. Got back
2022-01-08 15:01:09,304 INFO datanode.Da
7953
```

Apache Hadoop Distribution - hadoop namenode

```
-replicated blocks completed in 25 msec
2022-01-08 15:01:07,726 INFO ipc.Server: I
2022-01-08 15:01:07,727 INFO ipc.Server: I
2022-01-08 15:01:09,008 INFO net.NetworkTopo
2022-01-08 15:01:09,008 INFO blockmanagement
 (127.0.0.1:9866).
2022-01-08 15:01:09,160 INFO blockmanagement
2022-01-08 15:01:09,206 INFO BlockStateChang
for DS-6e785182-e68a-4315-b3eb-1dca7df26ce9
2022-01-08 15:01:09,209 INFO BlockStateChang
15-b3eb-1dca7df26ce9 node DatanodeRegistrati
rt=9864, infoSecurePort=0, ipcPort=9867, sto
c=1641625037953), blocks: 0, hasStaleStorag
```
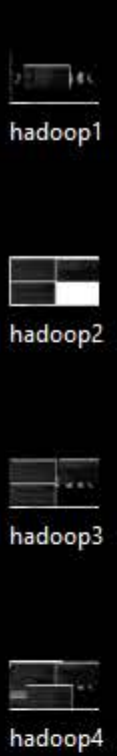
1920 ×

Apache Hadoop Distribution - yarn resourcemanager

```
2022-01-08 15:04:48,048 INFO store.AbstractFSNodeStore: Finished create editlog file at:file:/tmp/hadoop-yarn-balla/node
-attribute/nodeattribute.editlog
2022-01-08 15:04:48,062 INFO event.AsyncDispatcher: Registering class org.apache.hadoop.yarn.server.resourcemanager.node
labels.NodeAttributesStoreEventType for class org.apache.hadoop.yarn.server.resourcemanager.nodelabels.NodeAttributesMan
agerImpl$ForwardingEventHandler
2022-01-08 15:04:48,063 INFO placement.MultiNodeSortingManager: Starting NodeSortingService=MultiNodeSortingManager
2022-01-08 15:04:48,073 INFO ipc.CallQueueManager: Using callQueue: class java.util.concurrent.LinkedBlockingQueue, queu
eCapacity: 5000, scheduler: class org.apache.hadoop.ipc.DefaultRpcScheduler, ipcBackoff: false.
2022-01-08 15:04:48,077 INFO ipc.Server: Starting Socket Reader #1 for port 8031
2022-01-08 15:04:48,080 INFO pb.RpcServerFactoryPBImpl: Adding protocol org.apache.hadoop.yarn.server.api.ResourceTracke
rPB to the server
2022-01-08 15:04:48,081 INFO ipc.Server: IPC Server listener on 8031: starting
2022-01-08 15:04:48,082 INFO ipc.Server: IPC Server Responder: starting
2022-01-08 15:04:48,088 INFO util.JvmPauseMonitor: Starting JVM pause monitor
2022-01-08 15:04:48,098 INFO ipc.CallQueueManager: Using callQueue: class java.util.concurrent.LinkedBlockingQueue, queu
eCapacity: 5000, scheduler: class org.apache.hadoop.ipc.DefaultRpcScheduler, ipcBackoff: false.
2022-01-08 15:04:48,104 INFO ipc.Server: Starting Socket Reader #1 for port 8030
2022-01-08 15:04:48,114 INFO pb.RpcServerFactoryPBImpl: Adding protocol org.apache.hadoop.yarn.api.ApplicationMasterProt
ocolPB to the server
2022-01-08 15:04:48,115 INFO ipc.Server: IPC Server Responder: starting
2022-01-08 15:04:48,115 INFO ipc.Server: IPC Server listener on 8030: starting
2022-01-08 15:04:48,189 INFO ipc.CallQueueManager: Using callQueue: class java.util.concurrent.LinkedBlockingQueue, queu
eCapacity: 5000, scheduler: class org.apache.hadoop.ipc.DefaultRpcScheduler, ipcBackoff: false.
2022-01-08 15:04:48,192 INFO ipc.Server: Starting Socket Reader #1 for port 8032
2022-01-08 15:04:48,195 INFO pb.RpcServerFactoryPBImpl: Adding protocol org.apache.hadoop.yarn.api.ApplicationClientProt
ocolPB to the server
2022-01-08 15:04:48,196 INFO ipc.Server: IPC Server listener on 8032: starting
2022-01-08 15:04:48,196 INFO ipc.Server: IPC Server Responder: starting
2022-01-08 15:04:48,203 INFO resourcemanager.ResourceManager: Transitioned to active state
```

Type here to search
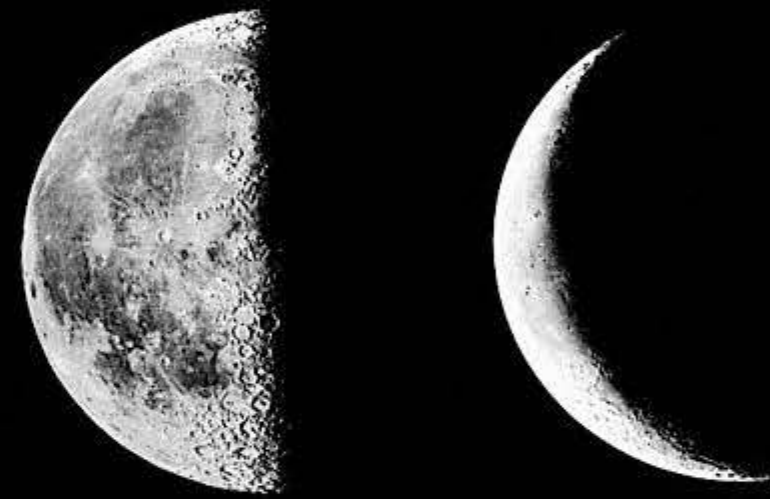
33°C Light rain

3:05 PM
1/8/2022

```
/*********************************************************
SHUTDOWN_MSG: Shutting down NameNode at DESKTOP-SM3UMNR/192.168.1.10
*********************************************************/

C:\Users\balla> cd ..

C:\Users>cd ..

C:\> cd hadoop-3.2.2

C:\hadoop-3.2.2> cd sbin

C:\hadoop-3.2.2\sbin>start -dfs
The system cannot find the file -dfs.

C:\hadoop-3.2.2\sbin>start-dfs

C:\hadoop-3.2.2\sbin>start-yarn
starting yarn daemons

C:\hadoop-3.2.2\sbin>start-yarn
starting yarn daemons

C:\hadoop-3.2.2\sbin>jps
1392 NameNode
4532 ResourceManager
5332 DataNode
6996 Jps

C:\hadoop-3.2.2\sbin>
```

localhost:9870/dfshealth.html#tab-overview

Hadoop   Overview   Datanodes   Datanode Volume Failures   Snapshot   Startup Progress   Utilities ▾

Overview 'localhost:9000' (active)

Started:	Sat Jan 08 15:01:05 +0800 2022
Version:	3.2.2, r7a3bc90b05f257c8ace2f76d74264906f0f7a932
Compiled:	Sun Jan 03 17:26:00 +0800 2021 by hexiaoqiao from branch-3.2.2
Cluster ID:	CID-d2d4c889-f463-41b2-8539-4dd0b1d3e815
Block Pool ID:	BP-1475253220-192.168.1.10-1641625037953

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 83.69 MB of 265 MB Heap Memory. Max Heap Memory is 889 MB.

Non Heap Memory used 48.21 MB of 49.56 MB Commited Non Heap Memory. Max Non Heap Memory is <unbounded>.

Configured Capacity:	155.62 GB
Configured Remote Capacity:	0 B
DFS Used:	149 B (0%)
Non DFS Used:	74.77 GB
DFS Remaining:	80.85 GB (51.96%)
Block Pool Used:	149 B (0%)
DataNodes usages% (Min/Median/Max/stdDev):	0.00% / 0.00% / 0.00% / 0.00%
Live Nodes	1 (Decommissioned: 0, In Maintenance: 0)
Dead Nodes	0 (Decommissioned: 0, In Maintenance: 0)

All Applications

hadoop

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	Used Resources	Total Resources	Reserved Resources	Physical Mem Used %	Physical VCores Used %
0	0	0	0	0	<memory:0, vCores:0>	<memory:0, vCores:0>	<memory:0, vCores:0>	0	0

Cluster Nodes Metrics

Active Nodes	Decommissioning Nodes	Decommissioned Nodes	Lost Nodes	Unhealthy Nodes	Rebooted Nodes	Shutdown Nodes
0	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:

ID	User	Name	Application Type	Queue	Application Priority	StartTime	LaunchTime	FinishTime	State	FinalStatus	Running Containers	Allocated CPU VCores	Allocated Memory MB	Allocated GPUs	Reserved CPU VCores	Reserved Memory MB	Reserved GPUs	% of Queue	% of Cluster	Progress	Tracking UI	Blacklisted Nodes
											No data available in table											

Showing 0 to 0 of 0 entries   First Previous Next Last