

When I operated big data in Talend studio and operated it with the following manual, an error came out.

Manual: <https://www.talend.com/resources/writing-reading-data-hdfs/>

Environmental overview:

Talend Studio: Talend Cloud Real-Time Big Data Platform (7.2.1)

JDK: jdk-8u241-macosx-x64

HadoopCluster: EMR 5.15.0 (Hadoop 2.8.3)

NetWork: Fully open port with local

Tried:

I tried removing the use of the data node host name in the cluster setting.

The result is the following error:

```
[statistics] connecting to socket on port 3466
```

```
[statistics] connected
```

```
[WARN ]: org.apache.hadoop.util.NativeCodeLoader - Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
```

```
[WARN ]: org.apache.hadoop.hdfs.DataStreamer - Abandoning BP-475180697-192.168.30.44-1584500319858:blk_1073742904_2080
```

```
[WARN ]: org.apache.hadoop.hdfs.DataStreamer - Excluding datanode DatanodeInfoWithStorage[192.168.30.160:50010,DS-d7b08d75-8f82-4851-b8e1-9d15b5c0e9d1,DISK]
```

```
[WARN ]: org.apache.hadoop.hdfs.DataStreamer - Abandoning BP-475180697-192.168.30.44-1584500319858:blk_1073742905_2081
```

```
[WARN ]: org.apache.hadoop.hdfs.DataStreamer - Excluding datanode DatanodeInfoWithStorage[192.168.30.212:50010,DS-35699303-d54c-4853-8102-1191668e2913,DISK]
```

```
Exception in component tHDFSOutput_1 (CreateData)
```

```
org.apache.hadoop.ipc.RemoteException(java.io.IOException): File /user/student/CustomerData/out1 could only be replicated to 0 nodes instead of minReplication (=1). There are 2 datanode(s) running and 2 node(s) are excluded in this operation.
```

```
at org.apache.hadoop.hdfs.server.blockmanagement.BlockManager.chooseTarget4NewBlock(BlockManager.java:1735)
```

```
at org.apache.hadoop.hdfs.server.namenode.FSDirWriteFileOp.chooseTargetForNewBlock(FSDirWriteFileOp.java:265)
```

```
at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.getAdditionalBlock(FSNamesystem.java:2561)
```

```
at org.apache.hadoop.hdfs.server.namenode.NameNodeRpcServer.addBlock(NameNodeRpcServer.java:829)
```

```
at org.apache.hadoop.hdfs.protocolPB.ClientNamenodeProtocolServerSideTranslatorPB.addBlock(ClientNamenodeProtocolServerSideTranslatorPB.java:510)
```

at org.apache.hadoop.hdfs.protocol.proto.ClientNamenodeProtocolProtos\$ClientNamenodeProtocol\$2.callBlockingMethod(ClientNamenodeProtocolProtos.java)
at org.apache.hadoop.ipc.ProtobufRpcEngine\$Server\$ProtoBufRpcInvoker.call(ProtobufRpcEngine.java:447)
at org.apache.hadoop.ipc.RPC\$Server.call(RPC.java:989)
at org.apache.hadoop.ipc.Server\$RpcCall.run(Server.java:847)
at org.apache.hadoop.ipc.Server\$RpcCall.run(Server.java:790)
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:1836)
at org.apache.hadoop.ipc.Server\$Handler.run(Server.java:2486)

at org.apache.hadoop.ipc.Client.getRpcResponse(Client.java:1489)
at org.apache.hadoop.ipc.Client.call(Client.java:1435)
at org.apache.hadoop.ipc.Client.call(Client.java:1345)
at org.apache.hadoop.ipc.ProtobufRpcEngine\$Invoker.invoke(ProtobufRpcEngine.java:227)
at org.apache.hadoop.ipc.ProtobufRpcEngine\$Invoker.invoke(ProtobufRpcEngine.java:116)
at com.sun.proxy.\$Proxy8.addBlock(Unknown Source)
at org.apache.hadoop.hdfs.protocolPB.ClientNamenodeProtocolTranslatorPB.addBlock(ClientNamenodeProtocolTranslatorPB.java:444)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.apache.hadoop.io.retry.RetryInvocationHandler.invokeMethod(RetryInvocationHandler.java:409)
at org.apache.hadoop.io.retry.RetryInvocationHandler\$Call.invokeMethod(RetryInvocationHandler.java:163)
at org.apache.hadoop.io.retry.RetryInvocationHandler\$Call.invoke(RetryInvocationHandler.java:155)
at org.apache.hadoop.io.retry.RetryInvocationHandler\$Call.invokeOnce(RetryInvocationHandler.java:95)
at org.apache.hadoop.io.retry.RetryInvocationHandler.invoke(RetryInvocationHandler.java:346)
at com.sun.proxy.\$Proxy9.addBlock(Unknown Source)

at org.apache.hadoop.hdfs.DataStreamer.locateFollowingBlock(DataStreamer.java:1838)

at org.apache.hadoop.hdfs.DataStreamer.nextBlockOutputStream(DataStreamer.java:1638)

at org.apache.hadoop.hdfs.DataStreamer.run(DataStreamer.java:704)

[WARN]: org.apache.hadoop.hdfs.DataStreamer - DataStreamer Exception

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