[HDFS-2905](https://www.google.com/url?q=https://issues.apache.org/jira/browse/HDFS-2905&sa=D&source=editors&ust=1751359168093766&usg=AOvVaw03bUjcznH-VvP_DrKEcdqR)

HA: Standby NN NPE when shared edits dir is deleted

**(1)  Log information**

**(1.1) Roles in this case**

 StanbyNN (client-side)         reads edits from         JournalNodes (server-side)

**(1.2) Symptoms**

“Start 2 NameNodes with a shared edits dir. Make one active. Let some edits roll. Now delete the shared edits directory (simulating a shared edits failure).”

Standby NN’s log:

12/02/06 14:41:27 WARN namenode.FSNamesystem: NameNode low on available disk space. Already in safe mode.

12/02/06 14:48:00 INFO hdfs.StateChange: STATE\* Safe mode is ON. Resources are low on NN. Safe mode must be turned off manually.

12/02/06 14:48:05 WARN namenode.NameNodeResourceChecker: Space available on volume '/dev/disk0s2' is 0, which is below the configured reserved amount 104857600

12/02/06 14:48:05 WARN namenode.FSNamesystem: NameNode low on available disk space. Already in safe mode.

12/02/06 14:48:05 INFO hdfs.StateChange: STATE\* Safe mode is ON. Resources are low on NN. Safe mode must be turned off manually.

12/02/06 14:48:09 ERROR ha.EditLogTailer: Unknown error encountered while tailing edits. Shutting down standby NN.

java.lang.NullPointerException

at org.apache.hadoop.hdfs.server.namenode.FileJournalManager.matchEditLogs(FileJournalManager.java:160)

at org.apache.hadoop.hdfs.server.namenode.FileJournalManager.getLogFiles(FileJournalManager.java:321)

at org.apache.hadoop.hdfs.server.namenode.FileJournalManager.getNumberOfTransactions(FileJournalManager.java:228)

at org.apache.hadoop.hdfs.server.namenode.JournalSet.getInputStream(JournalSet.java:216)

at org.apache.hadoop.hdfs.server.namenode.FSEditLog.selectInputStreams(FSEditLog.java:1074)

at org.apache.hadoop.hdfs.server.namenode.ha.EditLogTailer.doTailEdits(EditLogTailer.java:204)

at org.apache.hadoop.hdfs.server.namenode.ha.EditLogTailer.access$600(EditLogTailer.java:57)

at org.apache.hadoop.hdfs.server.namenode.ha.EditLogTailer$EditLogTailerThread.run(EditLogTailer.java:298)

12/02/06 14:48:09 INFO namenode.NameNode: SHUTDOWN\_MSG:

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The log shows that Standby NN will shut down when the shared edits are failing.