[HDFS-5080](https://www.google.com/url?q=https://issues.apache.org/jira/browse/HDFS-5080&sa=D&source=editors&ust=1751359159477771&usg=AOvVaw0WhefNJ-rNM4gc50y9W6GL)

BootstrapStandby not working with QJM when the existing NN is active

**(1)  Log information**

**(1.1) Roles in this case**

StandbyNameNode (client-side)           gets Txid from          Active NameNode (server-side)

StandbyNameNode (client-side)    gets Txid from          Quorum Journal Nodes(server-side)

 (server-side)

**(1.2) Symptoms**

The log is from StandByNamenode(SBN):

FATAL ha.BootstrapStandby: Unable to read transaction ids 6175397-6175405 from the configured shared edits storage. Please copy these logs into the shared edits storage or call saveNamespace on the active node.

Error: Gap in transactions. Expected to be able to read up until at least txid 6175405 but unable to find any edit logs containing txid 6175405

java.io.IOException: Gap in transactions. Expected to be able to read up until at least txid 6175405 but unable to find any edit logs containing txid 6175405

        at org.apache.hadoop.hdfs.server.namenode.FSEditLog.checkForGaps(FSEditLog.java:1300)

        at org.apache.hadoop.hdfs.server.namenode.FSEditLog.selectInputStreams(FSEditLog.java:1258)

        at org.apache.hadoop.hdfs.server.namenode.ha.BootstrapStandby.checkLogsAvailableForRead(BootstrapStandby.java:229)

When Bootstrap StandbyNN, it checks whether there are gaps within the edit logs.

And it shows that there is gap in edits/transactions: unable to find edit logs containing txid 6175405.  (All the operations in HDFS are called edits or transactions.)

15/01/22 14:05:06 INFO common.Storage: Storage directory /var/lib/hadoop-hdfs/cache/hdfs/dfs/name has been successfully formatted.

15/01/22 14:05:06 FATAL ha.BootstrapStandby: Unable to read transaction ids 50887593-50995570 from the configured shared edits storage qjournal://us3sm2zk010r07.comp.prod.local:8485;us3sm2zk011r08.comp.prod.local:8485;us3sm2zk012r09.comp.prod.local:8485/whprod. Please copy these logs into the shared edits storage or call saveNamespace on the active node.

Error: Gap in transactions. Expected to be able to read up until at least txid 50995570 but unable to find any edit logs containing txid 50994630

15/01/22 14:05:06 INFO util.ExitUtil: Exiting with status 6

15/01/22 14:05:06 INFO namenode.NameNode: SHUTDOWN\_MSG:

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SHUTDOWN\_MSG: Shutting down NameNode at us3sm2nn010r07.comp.prod.local/10.51.28.140

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