Item 140
git_comments:

1. * * HTTPServer.Builder should proceed if a external connector is available.

git_commits:

1. **summary:** HDFS-5690. Merge change r1553167 from trunk.
   message: HDFS-5690. Merge change r1553167 from trunk. git-svn-id:
   https://svn.apache.org/repos/asf/hadoop/common/branches/branch-2@1553168 13f79535-47bb-0310-
   9956-ffa450edef68

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** DataNode fails to start in secure mode when dfs.http.policy equals to HTTP_ONLY
   description: DataNode fails to start when dfs.http.policy is set to HTTP_ONLY. This is because that the
   sanity checks in HttpServer.Builder do not match the behavior in secureMain in DataNode, therefore
   DataNode cannot start the HTTP server and bail out.

jira_issues_comments:

1. **body:** The v1 patch also cleans up SecureDataNodeStarter.
   label: code-design
2. {color:green}+1 overall{color}. Here are the results of testing the latest attachment
   http://issues.apache.org/jira/secure/attachment/12619645/HDFS-5690.000.patch against trunk revision .
   {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:green}+1 tests
   included{color}. The patch appears to include 1 new or modified test files. {color:green}+1 javac{color}.
   The applied patch does not increase the total number of javac compiler warnings. {color:green}+1
   javadoc{color}. The javadoc tool did not generate any warning messages. {color:green}+1
   eclipse:eclipse{color}. The patch built with eclipse:eclipse. {color:green}+1 findbugs{color}. The patch
   does not introduce any new Findbugs (version 1.3.9) warnings. {color:green}+1 release audit{color}. The
   applied patch does not increase the total number of release audit warnings. {color:green}+1 core
   tests{color}. The patch passed unit tests in hadoop-common-project/hadoop-common. {color:green}+1
   contrib tests{color}. The patch passed contrib unit tests. Test results:
   https://builds.apache.org/job/PreCommit-HDFS-Build/5771//testReport/ Console output:
   https://builds.apache.org/job/PreCommit-HDFS-Build/5771//console This message is automatically
   generated.
3. {color:red}-1 overall{color}. Here are the results of testing the latest attachment
   http://issues.apache.org/jira/secure/attachment/12619661/HDFS-5690.001.patch against trunk revision .
   {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:green}+1 tests
   included{color}. The patch appears to include 1 new or modified test files. {color:green}+1 javac{color}.
   The applied patch does not increase the total number of javac compiler warnings. {color:green}+1
   javadoc{color}. The javadoc tool did not generate any warning messages. {color:green}+1
   eclipse:eclipse{color}. The patch built with eclipse:eclipse. {color:green}+1 findbugs{color}. The patch
   does not introduce any new Findbugs (version 1.3.9) warnings. {color:green}+1 release audit{color}. The
   applied patch does not increase the total number of release audit warnings. {color:red}-1 core
   tests{color}. The following test timeouts occurred in hadoop-common-project/hadoop-common hadoop-
   hdfs-project/hadoop-hdfs: org.apache.hadoop.hdfs.TestRestartDFS {color:green}+1 contrib tests{color}.
   The patch passed contrib unit tests. Test results: https://builds.apache.org/job/PreCommit-HDFS-

Build/5774//testReport/ Console output: https://builds.apache.org/job/PreCommit-HDFS-Build/5774//console This message is automatically generated.

4. **body:** The patch looks good to me. Two nits: # Need to fix the wrong indentation here: {code} + if (endpoints.size() == 0 && connector == null) { + throw new HadoopIllegalArgumentException("No endpoints specified"); {code} # Since we currently separate the checking for privileged streaming/http ports, it may be better to specify the port type in the exception msg, i.e., "Cannot start secure datanode with unprivileged xxx port". {code} + throw new RuntimeException(+ "Cannot start secure datanode with unprivileged ports"); {code}
   label: code-design

5. {color:red}-1 overall{color}. Here are the results of testing the latest attachment http://issues.apache.org/jira/secure/attachment/12619939/HDFS-5690.002.patch against trunk revision . {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:green}+1 tests included{color}. The patch appears to include 1 new or modified test files. {color:green}+1 javac{color}. The applied patch does not increase the total number of javac compiler warnings. {color:green}+1 javadoc{color}. The javadoc tool did not generate any warning messages. {color:green}+1 eclipse:eclipse{color}. The patch built with eclipse:eclipse. {color:green}+1 findbugs{color}. The patch does not introduce any new Findbugs (version 1.3.9) warnings. {color:green}+1 release audit{color}. The applied patch does not increase the total number of release audit warnings. {color:red}-1 core tests{color}. The patch failed these unit tests in hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs: org.apache.hadoop.hdfs.tools.offlineEditsViewer.TestOfflineEditsViewer {color:green}+1 contrib tests{color}. The patch passed contrib unit tests. Test results: https://builds.apache.org/job/PreCommit-HDFS-Build/5783//testReport/ Console output: https://builds.apache.org/job/PreCommit-HDFS-Build/5783//console This message is automatically generated.

6. +1 Patch looks good to me. The failed unit test should be unrelated, which is also seen in HDFS-5449 recently. I will commit the patch shortly.

7. I've committed this to trunk and branch-2.

8. SUCCESS: Integrated in Hadoop-trunk-Commit #4925 (See [https://builds.apache.org/job/Hadoop-trunk-Commit/4925/]) HDFS-5690. DataNode fails to start in secure mode when dfs.http.policy equals to HTTP_ONLY. Contributed by Haohui Mai. (jing9: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1553167) * /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/http/HttpServer.java * /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/http/TestHttpServer.java * /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt * /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/SecureDataNodeStarter.java

9. FAILURE: Integrated in Hadoop-Yarn-trunk #431 (See [https://builds.apache.org/job/Hadoop-Yarn-trunk/431/]) HDFS-5690. DataNode fails to start in secure mode when dfs.http.policy equals to HTTP_ONLY. Contributed by Haohui Mai. (jing9: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1553167) * /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/http/HttpServer.java * /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/http/TestHttpServer.java * /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt * /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/SecureDataNodeStarter.java

10. FAILURE: Integrated in Hadoop-Hdfs-trunk #1622 (See [https://builds.apache.org/job/Hadoop-Hdfs-trunk/1622/]) HDFS-5690. DataNode fails to start in secure mode when dfs.http.policy equals to HTTP_ONLY. Contributed by Haohui Mai. (jing9: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1553167) * /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/http/HttpServer.java * /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/http/TestHttpServer.java * /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt * /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/SecureDataNodeStarter.java

11. FAILURE: Integrated in Hadoop-Mapreduce-trunk #1648 (See [https://builds.apache.org/job/Hadoop-Mapreduce-trunk/1648/]) HDFS-5690. DataNode fails to start in secure mode when dfs.http.policy equals to HTTP_ONLY. Contributed by Haohui Mai. (jing9: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1553167) * /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/http/HttpServer.java * /hadoop/common/trunk/hadoop-

common-project/hadoop-common/src/test/java/org/apache/hadoop/http/TestHttpServer.java *
/hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt *
/hadoop/common/trunk/hadoop-hdfs-project/hadoop-
hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/SecureDataNodeStarter.java