

Item 339

git_comments:

git_commits:

1. **summary:** KYLIN-1162 be compatible with YARN-2605
message: KYLIN-1162 be compatible with YARN-2605

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** [RM HA] Rest api endpoints doing redirect incorrectly
description: The standby RM's webui tries to do a redirect via meta-refresh. That is fine for pages designed to be viewed by web browsers. But the API endpoints shouldn't do that. Most programmatic HTTP clients do not do meta-refresh. I'd suggest HTTP 303, or return a well-defined error message (json or xml) stating that the standby status and a link to the active RM. The standby RM is returning this today: {noformat} \$ curl -i http://bcsec-1.ent.cloudera.com:8088/ws/v1/cluster/metrics HTTP/1.1 200 OK Cache-Control: no-cache Expires: Thu, 25 Sep 2014 18:34:53 GMT Date: Thu, 25 Sep 2014 18:34:53 GMT Pragma: no-cache Expires: Thu, 25 Sep 2014 18:34:53 GMT Date: Thu, 25 Sep 2014 18:34:53 GMT Pragma: no-cache Content-Type: text/plain; charset=UTF-8 Refresh: 3; url=http://bcsec-2.ent.cloudera.com:8088/ws/v1/cluster/metrics Content-Length: 117 Server: Jetty(6.1.26) This is standby RM. Redirecting to the current active RM: http://bcsec-2.ent.cloudera.com:8088/ws/v1/cluster/metrics {noformat}

jira_issues_comments:

1. Can it just send a 307 "resubmit same verb" response to the caller? That will be picked up by browsers and handled as a new GET, while REST clients (including curl, jersey, httpclient) will either GET or resubmit the original verb depending on their config. Sending a custom structured response won't work with those existing clients
2. [~adhoot] Feel free to assign back to yourself, if you have already worked on this ticket. [~steve_l] Please take a look. Removed the refresh header, add the location header to hold the redirect url, and set status as 307. {code} \$ curl -i http://127.0.0.1:33188/ws/v1/cluster/metrics HTTP/1.1 307 TEMPORARY_REDIRECT Cache-Control: no-cache Expires: Thu, 16 Apr 2015 23:01:47 GMT Date: Thu, 16 Apr 2015 23:01:47 GMT Pragma: no-cache Expires: Thu, 16 Apr 2015 23:01:47 GMT Date: Thu, 16 Apr 2015 23:01:47 GMT Pragma: no-cache Content-Type: text/plain; charset=UTF-8 Location: http://localhost:23188/ws/v1/cluster/metrics Content-Length: 84 Server: Jetty(6.1.26) This is standby RM. The redirect url is http://localhost:23188/ws/v1/cluster/metrics {code} If i do {code} \$ curl -i -L http://127.0.0.1:33188/ws/v1/cluster/metrics {code} , it will redirect to the active rm and get the metrics.
3. {color:green}+1 overall{color}. Here are the results of testing the latest attachment <http://issues.apache.org/jira/secure/attachment/12726001/YARN-2605.1.patch> against trunk revision 4308910. {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}. There were no new javadoc 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 2.0.3) 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-yarn-project/hadoop-yarn/hadoop-yarn-client hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager. Test results: <https://builds.apache.org/job/PreCommit-YARN-Build/7367/testReport/> Console output: <https://builds.apache.org/job/PreCommit-YARN-Build/7367/console> This message is automatically generated.
4. **body:** patch looks good in production; 307 is the error code rest apps need; these will ignore the text so that can stay human-readable. Why is a test now tagged as @ignore?

label: code-design

5. **body:** Thanks for the review. [~stevel@apache.org] bq. Why is a test now tagged as @ignore? The testcase does not work at all if we made the changes. It gives me "too many redirect loops" exception.

label: code-design

6. I worry about that testcase; it could be a sign of a problem ... we've seen a similar situation in Slider integration tests: both proxies redirecting to the other
7. Uploaded a new patch, and verified in a single node HA cluster.
8. `\\ \\ (/) *{color:green}+1 overall{color}* \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} | pre-patch | 14m 40s | Pre-patch trunk compilation is healthy. || {color:green}+1{color} | @author | 0m 0s | The patch does not contain any @author tags. || {color:green}+1{color} | tests included | 0m 0s | The patch appears to include 1 new or modified test files. || {color:green}+1{color} | whitespace | 0m 0s | The patch has no lines that end in whitespace. || {color:green}+1{color} | javac | 7m 32s | There were no new javac warning messages. || {color:green}+1{color} | javadoc | 9m 38s | There were no new javadoc warning messages. || {color:green}+1{color} | release audit | 0m 22s | The applied patch does not increase the total number of release audit warnings. || {color:green}+1{color} | checkstyle | 7m 40s | There were no new checkstyle issues. || {color:green}+1{color} | install | 1m 35s | mvn install still works. || {color:green}+1{color} | eclipse:eclipse | 0m 33s | The patch built with eclipse:eclipse. || {color:green}+1{color} | findbugs | 1m 59s | The patch does not introduce any new Findbugs (version 2.0.3) warnings. || {color:green}+1{color} | yarn tests | 6m 57s | Tests passed in hadoop-yarn-client. || {color:green}+1{color} | yarn tests | 52m 33s | Tests passed in hadoop-yarn-server-resourcemanager. || || 103m 32s || \\ \\ || Subsystem || Report/Notes || | Patch URL | http://issues.apache.org/jira/secure/attachment/12727301/YARN-2605.2.patch || Optional Tests | javac unit findbugs checkstyle javadoc || git revision | trunk / 12f4df0 || hadoop-yarn-client test log | https://builds.apache.org/job/PreCommit-YARN-Build/7452/artifact/patchprocess/testrun_hadoop-yarn-client.txt || hadoop-yarn-server-resourcemanager test log | https://builds.apache.org/job/PreCommit-YARN-Build/7452/artifact/patchprocess/testrun_hadoop-yarn-server-resourcemanager.txt || Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/7452/testReport/ || Console output | https://builds.apache.org/job/PreCommit-YARN-Build/7452/console | This message was automatically generated.`
9. +1
10. FAILURE: Integrated in Hadoop-trunk-Commit #7644 (See [<https://builds.apache.org/job/Hadoop-trunk-Commit/7644/>]) YARN-2605. [RM HA] Rest api endpoints doing redirect incorrectly. (Xuan Gong via stevel) (stevel: rev d9bcf99aef23f71391c728279698f4265a8d1243) * hadoop-yarn-project/CHANGES.txt * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client/src/test/java/org/apache/hadoop/yarn/client/TestRMFailover.java * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/webapp/RMWebAppFilter.java
11. FAILURE: Integrated in Hadoop-Hdfs-trunk #2104 (See [<https://builds.apache.org/job/Hadoop-Hdfs-trunk/2104/>]) YARN-2605. [RM HA] Rest api endpoints doing redirect incorrectly. (Xuan Gong via stevel) (stevel: rev d9bcf99aef23f71391c728279698f4265a8d1243) * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/webapp/RMWebAppFilter.java * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client/src/test/java/org/apache/hadoop/yarn/client/TestRMFailover.java * hadoop-yarn-project/CHANGES.txt
12. FAILURE: Integrated in Hadoop-Hdfs-trunk-Java8 #163 (See [<https://builds.apache.org/job/Hadoop-Hdfs-trunk-Java8/163/>]) YARN-2605. [RM HA] Rest api endpoints doing redirect incorrectly. (Xuan Gong via stevel) (stevel: rev d9bcf99aef23f71391c728279698f4265a8d1243) * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client/src/test/java/org/apache/hadoop/yarn/client/TestRMFailover.java * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/webapp/RMWebAppFilter.java * hadoop-yarn-project/CHANGES.txt
13. FAILURE: Integrated in Hadoop-Yarn-trunk-Java8 #172 (See [<https://builds.apache.org/job/Hadoop-Yarn-trunk-Java8/172/>]) YARN-2605. [RM HA] Rest api endpoints doing redirect incorrectly. (Xuan Gong via stevel) (stevel: rev d9bcf99aef23f71391c728279698f4265a8d1243) * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/webapp/RMWebAppFilter.java * hadoop-yarn-project/CHANGES.txt * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client/src/test/java/org/apache/hadoop/yarn/client/TestRMFailover.java
14. SUCCESS: Integrated in Hadoop-Yarn-trunk #906 (See [<https://builds.apache.org/job/Hadoop-Yarn-trunk/906/>]) YARN-2605. [RM HA] Rest api endpoints doing redirect incorrectly. (Xuan Gong via stevel) (stevel: rev d9bcf99aef23f71391c728279698f4265a8d1243) * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client/src/test/java/org/apache/hadoop/yarn/client/TestRMFailover.java * hadoop-yarn-project/CHANGES.txt

- * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/webapp/RMWebAppFilter.java
15. FAILURE: Integrated in Hadoop-Mapreduce-trunk-Java8 #173 (See [<https://builds.apache.org/job/Hadoop-Mapreduce-trunk-Java8/173/>]) YARN-2605. [RM HA] Rest api endpoints doing redirect incorrectly. (Xuan Gong via stevel) (stevel: rev d9bcf99aef23f71391c728279698f4265a8d1243) * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client/src/test/java/org/apache/hadoop/yarn/client/TestRMFailover.java * hadoop-yarn-project/CHANGES.txt * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/webapp/RMWebAppFilter.java
16. FAILURE: Integrated in Hadoop-Mapreduce-trunk #2122 (See [<https://builds.apache.org/job/Hadoop-Mapreduce-trunk/2122/>]) YARN-2605. [RM HA] Rest api endpoints doing redirect incorrectly. (Xuan Gong via stevel) (stevel: rev d9bcf99aef23f71391c728279698f4265a8d1243) * hadoop-yarn-project/CHANGES.txt * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/webapp/RMWebAppFilter.java * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client/src/test/java/org/apache/hadoop/yarn/client/TestRMFailover.java
17. Hello [~xgong] I noticed that you set an Ignore tag for testRMWebAppRedirect in your patch, can you please let me know why to ignore this test case ? Any idea that how to fix this ? I opened another JIRA YARN-3601, please let me know if that one is valid.