

Item 140

git_comments:

git_commits:

1. **summary:** YARN-6222. TestFairScheduler.testReservationMetrics is flaky. (Yufei Gu via kasha)
message: YARN-6222. TestFairScheduler.testReservationMetrics is flaky. (Yufei Gu via kasha)
label: test

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** TestFairScheduler.testReservationMetrics is flaky
description: TestFairScheduler.testReservationMetrics is flaky because of timing issue.
2. **summary:** TestFairScheduler.testReservationMetrics is flaky
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4. **summary:** TestFairScheduler.testReservationMetrics is flaky
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label: test
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label: test
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label: test

jira_issues_comments:

1. | (x) *{color:red}-1 overall{color}* | \ \ \ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} |
| {color:blue} reexec {color} | | {color:blue} 0m 17s{color} | | {color:blue} Docker mode activated. {color} ||
| {color:green}+1{color} | | {color:green} @author {color} | | {color:green} 0m 0s{color} | | {color:green} The patch
does not contain any @author tags. {color} || | {color:green}+1{color} | | {color:green} test4tests {color} |
| {color:green} 0m 0s{color} | | {color:green} The patch appears to include 1 new or modified test files. {color} ||
| {color:green}+1{color} | | {color:green} mvninstall {color} | | {color:green} 14m 54s{color} | | {color:green} trunk
passed {color} || | {color:green}+1{color} | | {color:green} compile {color} | | {color:green} 0m 39s{color} |
| {color:green} trunk passed {color} || | {color:green}+1{color} | | {color:green} checkstyle {color} | | {color:green}
0m 30s{color} | | {color:green} trunk passed {color} || | {color:green}+1{color} | | {color:green} mvnsite {color} |
| {color:green} 0m 43s{color} | | {color:green} trunk passed {color} || | {color:green}+1{color} | | {color:green}
mvnecclipse {color} | | {color:green} 0m 17s{color} | | {color:green} trunk passed {color} || | {color:green}+1{color} |
| {color:green} findbugs {color} | | {color:green} 1m 17s{color} | | {color:green} trunk passed {color} ||
| {color:green}+1{color} | | {color:green} javadoc {color} | | {color:green} 0m 25s{color} | | {color:green} trunk
passed {color} || | {color:green}+1{color} | | {color:green} mvninstall {color} | | {color:green} 0m 41s{color} |
| {color:green} the patch passed {color} || | {color:green}+1{color} | | {color:green} compile {color} | | {color:green}
0m 36s{color} | | {color:green} the patch passed {color} || | {color:green}+1{color} | | {color:green} javac {color} |
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passed {color} | | {color:red}-1{color} | {color:red} unit {color} | {color:red} 44m 36s{color} | {color:red}
hadoop-yarn-server-resourcemanager in the patch failed. {color} | | {color:green}+1{color} | {color:green}
asflicense {color} | {color:green} 0m 19s{color} | {color:green} The patch does not generate ASF License
warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 69m 53s{color} | {color:black}
{color} | \ \ \ || Reason || Tests || Failed junit tests |
hadoop.yarn.server.resourcemanager.TestResourceTrackerService || |
hadoop.yarn.server.resourcemanager.TestRMRestart || |
hadoop.yarn.server.resourcemanager.scheduler.fair.TestFairSchedulerPreemption | \ \ \ || Subsystem || Report/Notes
|| | Docker | Image:yetus/hadoop:a9ad5d6 || JIRA Issue | YARN-6222 || JIRA Patch URL |
<https://issues.apache.org/jira/secure/attachment/12854091/YARN-6222.001.patch> || Optional Tests | asflicense
compile javac javadoc mvninstall mvnsite unit findbugs checkstyle || uname | Linux b7abd759a8bd 3.13.0-105-
generic #152-Ubuntu SMP Fri Dec 2 15:37:11 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux || Build tool |
maven || Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh || git revision | trunk /
d150f06 || Default Java | 1.8.0_121 || findbugs | v3.0.0 || unit | https://builds.apache.org/job/PreCommit-YARN-Build/15050/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt || Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/15050/testReport/> || modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager ||
Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/15050/console> || Powered by | Apache
Yetus 0.5.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

2. Patch v2 replace {{app.getAppAttemptResourceUsage().getPending();}} with {{app.getPendingDemand();}} since they could return different results in some situation. Make more sense to use later in FS.
3. | (x) *{color:red}-1 overall{color}* | \ \ \ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} |
{color:blue} reexec {color} | {color:blue} 0m 19s{color} | {color:blue} Docker mode activated. {color} | |
{color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s{color} | {color:green} The patch
does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} test4tests {color} |
{color:green} 0m 0s{color} | {color:green} The patch appears to include 1 new or modified test files. {color} | |
{color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 14m 44s{color} | {color:green} trunk
passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 38s{color} |
{color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green}
0m 26s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} |
{color:green} 0m 32s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green}
mvneclipse {color} | {color:green} 0m 15s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} |
{color:green} findbugs {color} | {color:green} 1m 2s{color} | {color:green} trunk passed {color} | |
{color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 21s{color} | {color:green} trunk
passed {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 32s{color} |
{color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green}
0m 31s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javac {color} |
{color:green} 0m 31s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green}
checkstyle {color} | {color:green} 0m 22s{color} | {color:green} the patch passed {color} | |
{color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 34s{color} | {color:green} the patch
passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 12s{color} |
{color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} whitespace {color} |
{color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} | | {color:green}+1{color}
| {color:green} findbugs {color} | {color:green} 1m 7s{color} | {color:green} the patch passed {color} | |
{color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 19s{color} | {color:green} the patch
passed {color} | | {color:red}-1{color} | {color:red} unit {color} | {color:red} 39m 20s{color} | {color:red}
hadoop-yarn-server-resourcemanager in the patch failed. {color} | | {color:green}+1{color} | {color:green}
asflicense {color} | {color:green} 0m 23s{color} | {color:green} The patch does not generate ASF License
warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 63m 5s{color} | {color:black}
{color} | \ \ \ || Reason || Tests || Failed junit tests |
hadoop.yarn.server.resourcemanager.TestResourceTrackerService || |
hadoop.yarn.server.resourcemanager.TestRMRestart | \ \ \ || Subsystem || Report/Notes || | Docker |
Image:yetus/hadoop:a9ad5d6 || JIRA Issue | YARN-6222 || JIRA Patch URL |
<https://issues.apache.org/jira/secure/attachment/12854103/YARN-6222.002.patch> || Optional Tests | asflicense
compile javac javadoc mvninstall mvnsite unit findbugs checkstyle || uname | Linux 98aa14a754a0 3.13.0-107-
generic #154-Ubuntu SMP Tue Dec 20 09:57:27 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux || Build tool |

maven || Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh || git revision | trunk / 13d4bcf || Default Java | 1.8.0_121 || findbugs | v3.0.0 || unit | https://builds.apache.org/job/PreCommit-YARN-Build/15052/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt || Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/15052/testReport/> || modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager || Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/15052/console> || Powered by | Apache Yetus 0.5.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

4. **body:** [~yufeigu] - do you want to share any stats from your flakiness tests?

label: test

5. {{app.getAppAttemptResourceUsage().getPending();}} doesn't need update() in FairScheduler to get latest pending demand, but {{app.getPendingDemand();}} does.
6. [~kasha], after patch, I ran it 200 times and it didn't fail.
7. +1. Just committed this to trunk and branch-2. Thanks for your contribution, Yufei.
8. [~kasha], thanks for the review and commit.
9. SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #11296 (See [<https://builds.apache.org/job/Hadoop-trunk-Commit/11296/>]) YARN-6222. TestFairScheduler.testReservationMetrics is flaky. (Yufei Gu (kasha: rev 694e680d20dc07f634b539537021b09d9316601c) * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/fair/FSLeafQueue.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/test/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/fair/TestFairScheduler.java