

git_comments:

1. restart and verify metrics could be recovered
2. make sure the container reaches RUNNING state
3. add an application by starting a container

git_commits:

1. **summary:** YARN-6966. NodeManager metrics may return wrong negative values when NM restart. (Szilard Nemeth via Haibo Chen)
message: YARN-6966. NodeManager metrics may return wrong negative values when NM restart. (Szilard Nemeth via Haibo Chen)

github_issues:**github_issues_comments:****github_pulls:****github_pulls_comments:****github_pulls_reviews:****jira_issues:**

1. **summary:** NodeManager metrics may return wrong negative values when NM restart
description: Just as YARN-6212. However, I think it is not a duplicate of YARN-3933. The primary cause of negative values is that metrics do not recover properly when NM restart. AllocatedContainers,ContainersLaunched,AllocatedGB,AvailableGB,AllocatedVCores,AvailableVCores in metrics also need to recover when NM restart. This should be done in ContainerManagerImpl#recoverContainer. The scenario could be reproduction by the following steps: # Make sure YarnConfiguration.NM_RECOVERY_ENABLED=true,YarnConfiguration.NM_RECOVERY_SUPERVISED=true in NM # Submit an application and keep running # Restart NM # Stop the application # Now you get the negative values {code} /jmx?qry=Hadoop:service=NodeManager,name=NodeManagerMetrics {code} {code} { name: "Hadoop:service=NodeManager,name=NodeManagerMetrics", modelerType: "NodeManagerMetrics", tag.Context: "yarn", tag.Hostname: "hadoop1111.com", ContainersLaunched: 0, ContainersCompleted: 0, ContainersFailed: 2, ContainersKilled: 2, ContainersIniting: 0, ContainersRunning: 0, AllocatedGB: 0, AllocatedContainers: -2, AvailableGB: 160, AllocatedVCores: -11, AvailableVCores: 3611, ContainerLaunchDurationNumOps: 2, ContainerLaunchDurationAvgTime: 6, BadLocalDirs: 0, BadLogDirs: 0, GoodLocalDirsDiskUtilizationPerc: 2, GoodLogDirsDiskUtilizationPerc: 2 } {code}

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 25s{color} | {color:blue} Docker mode activated. {color} | | | | | {color:brown} Prechecks {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 3 new or modified test files. {color} | | | | | {color:brown} trunk Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 15m 19s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 29s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 20s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 28s{color} | {color:green} trunk passed {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 44s{color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager in trunk has 5 extant Findbugs warnings. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 19s{color} | {color:green} trunk passed {color} | | | | | {color:brown} Patch Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 25s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 27s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 27s{color} | {color:green} the patch passed {color} | | {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 0m 16s{color} | {color:orange} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager: The patch generated 8 new + 86 unchanged - 2 fixed = 94 total (was 88) {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 27s{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} 0m 51s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 16s{color} | {color:green} the patch passed {color} | | | | | {color:brown} Other Tests {color} | | {color:red}-1{color} | {color:red} unit {color} | {color:red} 14m 0s{color} | {color:red} hadoop-yarn-server-nodemanager in the patch failed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 15s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 36m 19s{color} | {color:black} {color} | \ \ \ || Reason || Tests || | Failed junit tests | hadoop.yarn.server.nodemanager.containermanager.TestContainerManagerRecovery | \ \ \ || Subsystem || Report/Notes || | Docker | Image:yetus/hadoop:14b5c93 | JIRA Issue | YARN-6966 | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12880805/YARN-6966.001.patch | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux e0cb3f9385f 3.13.0-116-generic #163-Ubuntu SMP Fri Mar 31 14:13:22 UTC 2017 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 9891295 | | Default Java | 1.8.0_131 | | findbugs | v3.1.0-RC1 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/16769/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager-warnings.html | | checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/16769/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt | | unit | https://builds.apache.org/job/PreCommit-YARN-Build/16769/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt | | Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/16769/testReport/ | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/16769/console | | Powered by | Apache Yetus 0.6.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
2. update the patch
3. | (x) *{color:red}-1 overall{color}* | \ \ \ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 21s{color} | {color:blue} Docker mode activated. {color} | | | | | {color:brown} Prechecks {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 3 new or modified test files. {color} | | | | | {color:brown} trunk Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 13m 48s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 41s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 19s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 28s{color} | {color:green} trunk passed {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 43s{color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager in trunk has 1 extant Findbugs warnings. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 18s{color} | {color:green} trunk passed {color} | | | | | {color:brown} Patch Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 25s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 37s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 37s{color} | {color:green} the patch passed {color} | | {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 0m 17s{color} | {color:orange} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager: The patch generated 8 new + 90 unchanged - 2 fixed = 98 total (was 92) {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 26s{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} 0m 48s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 15s{color} | {color:green} the patch passed {color} | | | | | {color:brown} Other Tests {color} | |

{color:red}-1{color} | {color:red} unit {color} | {color:red} 13m 22s{color} | {color:red} hadoop-yarn-server-nodemanager in the patch failed. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 15s{color} | {color:green} The patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black}{color} | {color:black}{color} | {color:black}{color} | {color:black}{color} | {color:black}{color} | Reason || Tests || Failed junit tests | hadoop.yarn.server.nodemanager.containermanager.TestContainerManagerRecovery || Subsystem || Report/Notes || Docker | Image:yetus/hadoop:14b5c93 || JIRA Issue | YARN-6966 || JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12881870/YARN-6966.002.patch || Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle || uname | Linux c50c9679697f 3.13.0-119-generic #166-Ubuntu SMP Wed May 3 12:18:55 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux || Build tool | maven || Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh || git revision | trunk / 645a8f2 || Default Java | 1.8.0_144 || findbugs | v3.1.0-RC1 || findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/16899/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager-warnings.html || checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/16899/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt || unit | https://builds.apache.org/job/PreCommit-YARN-Build/16899/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt || Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/16899/testReport/ || modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager || Console output | https://builds.apache.org/job/PreCommit-YARN-Build/16899/console || Powered by | Apache Yetus 0.6.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

4. (x) *(color:red)-1 overall{color}* || Vote || Subsystem || Runtime || Comment || {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 21s{color} | {color:blue} Docker mode activated. {color} || {color:brown} Prechecks {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 3 new or modified test files. {color} || {color:brown} trunk Compile Tests {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 14m 18s{color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 43s{color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 20s{color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 29s{color} | {color:green} trunk passed {color} || {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 46s{color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager in trunk has 1 extant Findbugs warnings. {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 19s{color} | {color:green} trunk passed {color} || {color:brown} Patch Compile Tests {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 27s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 39s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 39s{color} | {color:green} the patch passed {color} || {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 0m 17s{color} | {color:orange} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager: The patch generated 2 new + 90 unchanged - 2 fixed = 92 total (was 92) {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 27s{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} 0m 48s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 16s{color} | {color:green} the patch passed {color} || {color:brown} Other Tests {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 13m 12s{color} | {color:red} hadoop-yarn-server-nodemanager in the patch failed. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 17s{color} | {color:green} The patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black}{color} | {color:black}{color} | {color:black}{color} | {color:black}{color} | {color:black}{color} | Reason || Tests || Failed junit tests | hadoop.yarn.server.nodemanager.containermanager.TestContainerManagerRecovery || Subsystem || Report/Notes || Docker | Image:yetus/hadoop:14b5c93 || JIRA Issue | YARN-6966 || JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12881884/YARN-6966.003.patch || Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle || uname | Linux bbce44e095ba 3.13.0-119-generic #166-Ubuntu SMP Wed May 3 12:18:55 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux || Build tool | maven || Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh || git revision | trunk / 645a8f2 || Default Java | 1.8.0_144 || findbugs | v3.1.0-RC1 || findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/16901/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager-warnings.html || checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/16901/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt || unit | https://builds.apache.org/job/PreCommit-YARN-Build/16901/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt || Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/16901/testReport/ || modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager || Console output | https://builds.apache.org/job/PreCommit-YARN-Build/16901/console || Powered by | Apache Yetus 0.6.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

5. Is this possible to backport this bug to Hadoop 2.6? Thanks.

6. (x) *(color:red)-1 overall{color}* || Vote || Subsystem || Runtime || Comment || {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s{color} | {color:blue} Docker mode activated. {color} || {color:red}-1{color} | {color:red} patch {color} | {color:red} 0m 5s{color} | {color:red} YARN-6966 does not apply to trunk. Rebase required? Wrong Branch? See https://wiki.apache.org/hadoop/HowToContribute for help. {color} || Subsystem || Report/Notes || JIRA Issue | YARN-6966 || JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12881884/YARN-6966.003.patch || Console output | https://builds.apache.org/job/PreCommit-YARN-Build/20989/console || Powered by | Apache Yetus 0.8.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

7. Hi [~fly_in_gis]! Do you mind if I take this over as I want this to be merged soon? Moreover, the testcase fails so I have a fix for that and I see some cases where I can extend your patch. Thanks!

8. **body:** Hi [~fly_in_gis]! See my updated patch. I wanted to pass the failing testcase (TestContainerManagerRecovery#testNodeManagerMetricsRecovery) first. Actually, a quick workaround to send a container update event with some resource and check the metrics after NM recovery if they are matching. Then I realized it should work out of the box, so when a container is created, we need to save its resource requests to the NM state store. This piece is missing from the current implementation, so I extended ContainerManagerImpl.startContainerInternal() with this and adjusted the tests accordingly. [~wilfreds]: Could you please have a look and check whether this makes sense?

label: code-design

9. (/) *(color:green)+1 overall{color}* || Vote || Subsystem || Runtime || Comment || {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 24s{color} | {color:blue} Docker mode activated. {color} || {color:brown} Prechecks {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 5 new or modified test files. {color} || {color:brown} trunk Compile Tests {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 24m 1s{color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 56s{color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 14s{color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 35s{color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 10m 54s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 0m 48s{color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 22s{color} | {color:green} trunk passed {color} || || || || Patch Compile Tests {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 33s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 51s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 51s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 9s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 30s{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} shadedclient {color} | {color:green} 11m 10s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 0m 54s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 21s{color} | {color:green} the patch passed {color} || || || || Other Tests {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 19m 56s{color} | {color:green} hadoop-yarn-server-nodemanager in the patch passed. {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}{color} | {color:black}{color} | {color:black}{color} | {color:black}{color} | Reason || Subsystem || Report/Notes || Docker | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:abb62dd || JIRA Issue | YARN-6966 || JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12928643/YARN-6966.004.patch || Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle || uname | Linux 096162f9277b 4.4.0-64-generic #85-Ubuntu SMP Mon Feb 20 11:50:30 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux || Build tool | maven || Personality | /testptch/patchprocess/precommit/personality/provided.sh || git revision | trunk /

- 9f15483 || maven | version: Apache Maven 3.3.9 || Default Java | 1.8.0_171 || findbugs | v3.1.0-RC1 || Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/21074/testReport/> || Max. process+thread count | 407 (vs. ulimit of 10000) || modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager || Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/21074/console> || Powered by | Apache Yetus 0.8.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.
10. Thanks [~fly_in_gis] for the original report and patch, and [~snemeth] for updating! The patch saves ContainerTokenIdentifier again in the level-db state store, which is already stored as part of RecoveredContainerState.startRequest. Hence, I think that is unnecessary. On the container recover path, the metric can be updated inside containerScheduler.recoverActiveContainer() where all other logic is located.
11. Thanks [~snemeth] and [~fly_in_gis] for the patches. Looks good overall. Here's a couple comments: # For {{keyStartToken}}, instead of {{CONTAINERS_KEY_PREFIX + containerId.toString() + CONTAINER_START_TOKEN_SUFFIX}}, we can simply call {{getContainerKey(idStr, CONTAINER_START_TOKEN_SUFFIX)}} # I ran the {{testNodeManagerMetricsRecovery}} unit test without the actual fix, and it it fails, but it only complains that the metrics was {{0}} instead of {{1}}. While that's good, it would be better if we could reproduce the original issue with the negative values, if possible. [noformat] [ERROR] testNodeManagerMetricsRecovery(org.apache.hadoop.yarn.server.nodemanager.containermanager.TestContainerManagerRecovery) Time elapsed: 1.352 s <<< FAILURE! java.lang.AssertionError: Bad value for metric ContainersLaunched expected:<1> but was:<0> at org.junit.Assert.fail(Assert.java:88) at org.junit.Assert.failNotEquals(Assert.java:743) at org.junit.Assert.assertEquals(Assert.java:118) at org.junit.Assert.assertEquals(Assert.java:555) at org.apache.hadoop.test.MetricsAsserts.assertCounter(MetricsAsserts.java:169) at org.apache.hadoop.yarn.server.nodemanager.metrics.TestNodeManagerMetrics.checkMetrics(TestNodeManagerMetrics.java:121) at org.apache.hadoop.yarn.server.nodemanager.containermanager.TestContainerManagerRecovery.testNodeManagerMetricsRecovery(TestContainerManagerRecovery.java:121) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod\$1.runReflectiveCall(FrameworkMethod.java:47) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:44) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.RunAfters.evaluate(RunAfters.java:27) at org.junit.runners.ParentRunner.runLeaf(ParentRunner.java:271) at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:70) at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:50) at org.junit.runners.ParentRunner\$3.run(ParentRunner.java:238) at org.junit.runners.ParentRunner\$1.schedule(ParentRunner.java:63) at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:236) at org.junit.runners.ParentRunner.access\$000(ParentRunner.java:53) at org.junit.runners.ParentRunner\$2.evaluate(ParentRunner.java:229) at org.junit.runners.ParentRunner.run(ParentRunner.java:309) at org.apache.maven.surefire.junit4.JUnit4Provider.execute(JUnit4Provider.java:365) at org.apache.maven.surefire.junit4.JUnit4Provider.executeWithRerun(JUnit4Provider.java:273) at org.apache.maven.surefire.junit4.JUnit4Provider.executeTestSet(JUnit4Provider.java:238) at org.apache.maven.surefire.junit4.JUnit4Provider.invoke(JUnit4Provider.java:159) at org.apache.maven.surefire.booter.ForkedBooter.invokeProviderInSameClassLoader(ForkedBooter.java:379) at org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:340) at org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:125) at org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:413) [noformat]
12. Hi [~haibochen] and [~rkanter]! Thanks for taking time for the review, see my latest patch that fixes the issues. [~haibochen]: Yes, you were right, it wasn't necessary to store the container token as it can be created from the startRequest. Moved the container recovery logic to the recoverActiveContainer() method. [~rkanter]: Your first comment no longer applies as I'm not saving the container token separately, see my answer to Haibo above. For the second comment, it is a very good idea to have the negative values in the test case. I was struggling to reproduce it with a test and ultimately I gave up as it's not that straightforward. I hope we can live with this and you think patch 005 is fine even without this kind of test case.
13. | (x) *{color:red}-1 overall {color}* | \ \ \ \ | Vote | Subsystem | Runtime | Comment | | {color:blue}0 {color} | {color:blue} reexec {color} | {color:blue} 0m 0s {color} | {color:blue} Docker mode activated. {color} | | {color:red}-1 {color} | {color:red} docker {color} | {color:red} 0m 10s {color} | {color:red} Docker failed to build yetus/hadoop:abb62dd. {color} | \ \ \ \ | Subsystem | Report/Notes | | JIRA Issue | YARN-6966 | | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12931926/YARN-6966.005.patch> | | Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/21271/console> | | Powered by | Apache Yetus 0.8.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.
14. Looks like we had build issues globally as another patch on one of my jiras also had a docker error.
15. Looks like <http://builds.apache.org/> is down...
16. Hi [~rkanter]! builds.apache.org is up now. Could you please retrigger the build? Thanks!
17. It looks like the job is broken even though it's up now. All of the tests from today ran for < 1 min before failing :(I think it's fine if making a test case for that will be too tricky. +1 LGM pending Jenkins [~haibochen] any other comments?
18. Reuploaded the same patch again to retrigger the build
19. | (x) *{color:red}-1 overall {color}* | \ \ \ \ | Vote | Subsystem | Runtime | Comment | | {color:blue}0 {color} | {color:blue} reexec {color} | {color:blue} 0m 27s {color} | {color:blue} Docker mode activated. {color} | | | | | {color:brown} Prechecks {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 6 new or modified test files. {color} | | | | | {color:brown} trunk Compile Tests {color} | | {color:green}+1 {color} | {color:green} mvninstall {color} | {color:green} 27m 3s {color} | {color:green} trunk passed {color} | | {color:green}+1 {color} | {color:green} compile {color} | {color:green} 1m 1s {color} | {color:green} trunk passed {color} | | {color:green}+1 {color} | {color:green} checkstyle {color} | {color:green} 0m 14s {color} | {color:green} trunk passed {color} | | {color:green}+1 {color} | {color:green} mvnstyle {color} | {color:green} 0m 37s {color} | {color:green} trunk passed {color} | | {color:green}+1 {color} | {color:green} shadedclient {color} | {color:green} 12m 7s {color} | {color:green} branch has no errors when building and testing our client artifacts. {color} | | {color:green}+1 {color} | {color:green} findbugs {color} | {color:green} 0m 59s {color} | {color:green} trunk passed {color} | | {color:green}+1 {color} | {color:green} javadoc {color} | {color:green} 0m 26s {color} | {color:green} trunk passed {color} | | | | | {color:brown} Patch Compile Tests {color} | | {color:green}+1 {color} | {color:green} mvninstall {color} | {color:green} 0m 42s {color} | {color:green} the patch passed {color} | | {color:green}+1 {color} | {color:green} compile {color} | {color:green} 1m 3s {color} | {color:green} the patch passed {color} | | {color:green}+1 {color} | {color:green} javac {color} | {color:green} 1m 3s {color} | {color:green} the patch passed {color} | | {color:green}+1 {color} | {color:green} checkstyle {color} | {color:green} 0m 9s {color} | {color:green} the patch passed {color} | | {color:green}+1 {color} | {color:green} mvnstyle {color} | {color:green} 0m 37s {color} | {color:green} the patch passed {color} | | {color:red}-1 {color} | {color:red} whitespace {color} | {color:red} 0m 0s {color} | {color:red} The patch has 7 line(s) that end in whitespace. Use git apply --whitespace=fix <<patch_file>>. Refer <https://git-scm.com/docs/git-apply> {color} | | {color:green}+1 {color} | {color:green} shadedclient {color} | {color:green} 12m 21s {color} | {color:green} patch has no errors when building and testing our client artifacts. {color} | | {color:green}+1 {color} | {color:green} findbugs {color} | {color:green} 1m 0s {color} | {color:green} the patch passed {color} | | {color:green}+1 {color} | {color:green} javadoc {color} | {color:green} 0m 25s {color} | {color:green} the patch passed {color} | | | | | {color:brown} Other Tests {color} | | {color:green}+1 {color} | {color:green} unit {color} | {color:green} 18m 8s {color} | {color:green} hadoop-yarn-server-nodemanager in the patch passed. {color} | | {color:green}+1 {color} | {color:green} asflicense {color} | {color:green} 0m 25s {color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black} {color} | {color:black} {color} | {color:black} 78m 3s {color} | {color:black} {color} | \ \ \ \ | Subsystem | Report/Notes | | Docker | Client=17.05.0-ce Server=17.05.0-ce Image=yetus/hadoop:ba1ab08 | | JIRA Issue | YARN-6966 | | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12932271/YARN-6966.005.patch> | | Optional Tests | asflicense compile javac mvninstall mvnstyle unit shadedclient findbugs checkstyle | | uname | Linux 023796d8093b 3.13.0-153-generic #203-Ubuntu SMP Thu Jun 14 08:52:28 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 5836e0a | | maven | version: Apache Maven 3.3.9 || Default Java | 1.8.0_171 || findbugs | v3.1.0-RC1 || whitespace | <https://builds.apache.org/job/PreCommit-YARN-Build/21302/artifact/out/whitespace-eol.txt> || Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/21302/testReport/> || Max. process+thread count | 303 (vs. ulimit of 10000) || modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager || Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/21302/console> || Powered by | Apache Yetus 0.8.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.
20. I will fix the whitespace issues tomorrow, apart from that, the patch is ready to review.
21. **body:** Hi [~rkanter]! Sorry, just realized you had an LGM comment, so my previous comment can be confusing. I guess it's up to [~haibochen] what happens with this patch.

- label:** documentation
22. **body:** +1 from me pending some other checkstyle issues I came across 1) unnecessary new empty line added in TestNMLEvelDBStateStoreService 2) An unused import in TestContainerSchedulerRecovery and createRecoveredContainerState() line exceeds 80 characters. P.S, according to " // TODO launchedContainer misplaced -> doesn't necessarily mean a container // launch. A finished Application will not launch containers." in ContainerManagerImpl, we are not updating metrics at the right place. For example, if a container is queued in ContainerScheduler, the metrics would show the container as launched, whereas it is not launched yet. We can file a separate Jira to fix that.
- label:** code-design
23. **body:** Hi [~haibochen]! Thanks for the comments. 1. Fixed 2. Fixed Fixed the whitespace issues as well. About the TODO and filing a separate jira: I am not completely sure at this point what did you mean. Is there any additional check need to be performed when calling {{metrics.allocateContainer}} or is it simply in a wrong place? If the latter which place it should have been? Based on my ambiguity, maybe I would not file the jira with the correct description, so could you please file that? Thanks!
- label:** code-design
24. | (/) *{color:green}+1 overall{color}* | \ \ \ \ \ Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 27s{color} | {color:blue} Docker mode activated. {color} | | | | | {color:brown} Prechecks {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 6 new or modified test files. {color} | | | | | {color:brown} trunk Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 26m 50s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 1m 1s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 14s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 36s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 11m 55s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 0m 55s{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:brown} Patch Compile Tests {color} | | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 34s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 54s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 10s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 33s{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} shadedclient {color} | {color:green} 12m 35s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 1s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 22s{color} | {color:green} the patch passed {color} | | | | | {color:brown} Other Tests {color} | | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 18m 5s{color} | {color:green} hadoop-yarn-server-nodemanager in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 25s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 77m 25s{color} | {color:black} {color} | \ \ \ \ \ Subsystem \| Report/Notes \| | Docker | Client=17.05.0-ce Server=17.05.0-ce Image=yetus/hadoop:ba1ab08 | | JIRA Issue | YARN-6966 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12932595/YARN-6966.006.patch | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle | | uname | Linux bf9c4ff4f9f0 3.13.0-153-generic #203-Ubuntu SMP Thu Jun 14 08:52:28 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 9fa9e30 | | maven | version: Apache Maven 3.3.9 | | Default Java | 1.8.0_171 | | findbugs | v3.1.0-RC1 | | Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/21333/testReport/ | | Max. process+thread count | 301 (vs. ulimit of 10000) | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/21333/console | | Powered by | Apache Yetus 0.8.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
25. **body:** TestContainerSchedulerRecovery.createRecoveredContainerState() is still longer than 80 characters, I'll fix it while committing the patch. +1. I'll create another Jira for the TODO comment I came across.
- label:** code-design
26. Thanks @Yang Wang for the initial report, [~snemeth] for the patch and [~rkanter] for additional reviews! I have now checked in the patch to trunk.
27. SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #14617 (See [https://builds.apache.org/job/Hadoop-trunk-Commit/14617/]) YARN-6966. NodeManager metrics may return wrong negative values when NM (haibochen: rev 9d3c39e9dd88b8f32223c01328581bb68507d415) * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/recovery/NMLEvelDBStateStoreService.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/test/java/org/apache/hadoop/yarn/server/nodemanager/containermanager/scheduler/TestContainerSchedulerRecovery.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/test/java/org/apache/hadoop/yarn/server/nodemanager/metrics/TestNodeManagerMetrics.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/test/java/org/apache/hadoop/yarn/server/nodemanager/recovery/TestNMLEvelDBStateStoreService.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/containermanager/scheduler/ContainerScheduler.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/recovery/NMStateStoreService.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/test/java/org/apache/hadoop/yarn/server/nodemanager/containermanager/BaseContainerManagerTest.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/containermanager/ContainerManagerImpl.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/test/java/org/apache/hadoop/yarn/server/nodemanager/recovery/NMMemoryStateStoreService.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/test/java/org/apache/hadoop/yarn/server/nodemanager/containermanager/TestContainerManagerRecovery.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/recovery/NMNullStateStoreService.java
28. Hi [~haibochen] / [~snemeth], thanks for taking on this work! If I understand correctly, this is a longstanding bug, should we backport to older branches?
29. +1 on backporting it. We have same problem in Hadoop 2.6 (CDH 5.14)
30. I have backported it to branch-3.1, the cherry-pick into branch-3.0 and branch-2, however, failed. [~snemeth] Can you look into if it is plausible? I'd guess we probably won't be able to backport it to 2.8 or prior release lines, given ContainerScheduler has been undergoing a lot of changes. But let's see what happens.
31. Hi [~haibochen]! Reopened and moved this issue to Patch Available as I think Yetus won't pick this up otherwise. Added the patch for branch-2. Should I add another patch to branch-3.0? Thanks!
32. Yes, please add a patch for branch-3.0.
33. | (x) *{color:red}-1 overall{color}* | \ \ \ \ \ Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s{color} | {color:blue} Docker mode activated. {color} | | {color:red}-1{color} | {color:red} docker {color} | {color:red} 12m 7s{color} | {color:red} Docker failed to build yetus/hadoop:f667ef1. {color} | \ \ \ \ \ Subsystem \| Report/Notes \| | JIRA Issue | YARN-6966 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12933031/YARN-6966-branch-2.001.patch | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/21368/console | | Powered by | Apache Yetus 0.8.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
34. Hi [~haibochen]! Uploaded patch for branch-3.0.0 I hope the patch was named correctly. Is there anything I should do with this jira at this point? Thanks!
35. | (x) *{color:red}-1 overall{color}* | \ \ \ \ \ Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s{color} | {color:blue} Docker mode activated. {color} | | {color:red}-1{color} | {color:red} docker {color} | {color:red} 0m 10s{color} | {color:red} Docker failed to build yetus/hadoop:20ca677. {color} | \ \ \ \ \ Subsystem \| Report/Notes \| | JIRA Issue | YARN-6966 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12933195/YARN-6966-branch-3.0.0.001.patch | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/21373/console | | Powered by | Apache Yetus 0.8.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
36. | (x) *{color:red}-1 overall{color}* | \ \ \ \ \ Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s{color} | {color:blue} Docker mode activated. {color} | | {color:red}-1{color} | {color:red} docker {color} | {color:red} 12m 38s{color} | {color:red} Docker failed to build yetus/hadoop:20ca677. {color} | \ \ \ \ \ Subsystem \| Report/Notes \| | JIRA Issue | YARN-6966 | | JIRA Patch URL |

<https://issues.apache.org/jira/secure/attachment/12933195/YARN-6966-branch-3.0.0.001.patch> | Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/21384/console> | Powered by | Apache Yetus 0.8.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

37. [~snemeth] We should not be doing patch for branch-3.0.0, as it is already released. Instead, we should create a patch for branch-3.0 which is the next 3.0.x maintenance release.

38. The branch-2 patch does not compile for me either

39. | (x) *{color:red}-1 overall{color}* | \\\ \| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s{color} | {color:blue} Docker mode activated. {color} | | {color:red}-1{color} | {color:red} docker {color} | {color:red} 0m 5s{color} | {color:red} Docker failed to build yetus/hadoop:f667ef1. {color} | \\\ \| Subsystem \| Report/Notes \| | JIRA Issue | YARN-6966 | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12933464/YARN-6966-branch-2.002.patch> | Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/21419/console> | Powered by | Apache Yetus 0.8.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

40. hi [~haibochen]! Oh I see, I didn't know that this works like this. Added new patches to branch-2 and branch-3.0. Both are compiling fine. I still don't know what are these docker errors. Thanks!

41. | (/) *{color:green}+1 overall{color}* | \\\ \| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 15m 19s{color} | {color:blue} Docker mode activated. {color} | | | | {color:brown} Prechecks {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 5 new or modified test files. {color} | | | | {color:brown} branch-3.0 Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 21m 2s{color} | {color:green} branch-3.0 passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 51s{color} | {color:green} branch-3.0 passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 27s{color} | {color:green} branch-3.0 passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 35s{color} | {color:green} branch-3.0 passed {color} | | {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 11m 34s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 0m 50s{color} | {color:green} branch-3.0 passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 24s{color} | {color:green} branch-3.0 passed {color} | | | | {color:brown} Patch Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 31s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 46s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 46s{color} | {color:green} the patch passed {color} | | {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 0m 22s{color} | {color:orange} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager: The patch generated 4 new + 191 unchanged - 3 fixed = 195 total (was 194) {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 30s{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} shadedclient {color} | {color:green} 11m 36s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 0m 54s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 21s{color} | {color:green} the patch passed {color} | | | | {color:brown} Other Tests {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 16m 18s{color} | {color:green} hadoop-yarn-server-nodemanager in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 22s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 82m 46s{color} | {color:black} {color} | \\\ \| Subsystem \| Report/Notes \| | Docker | Client=17.05.0-ce Server=17.05.0-ce Image=yetus/hadoop:1776208 | JIRA Issue | YARN-6966 | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12933466/YARN-6966-branch-3.0.001.patch> | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle | | uname | Linux 4d9cf83791ae 3.13.0-153-generic #203-Ubuntu SMP Thu Jun 14 08:52:28 UTC 2018 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/patchprocess/precommit/personality/provided.sh | | git revision | branch-3.0 / eb40d4f | | maven | version: Apache Maven 3.3.9 | | Default Java | 1.8.0_171 | | findbugs | v3.1.0-RC1 | | checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/21420/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt | | Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/21420/testReport/> | | Max. process+thread count | 332 (vs. ulimit of 10000) | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager | | Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/21420/console> | Powered by | Apache Yetus 0.8.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

42. +1 on the branch-3.0 patch. Checking it in shortly

43. Reattached the branch-2 patch to trigger a Jenkins job.

44. | (x) *{color:red}-1 overall{color}* | \\\ \| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s{color} | {color:blue} Docker mode activated. {color} | | | | {color:red}-1{color} | {color:red} docker {color} | {color:red} 0m 6s{color} | {color:red} Docker failed to build yetus/hadoop:f667ef1. {color} | \\\ \| Subsystem \| Report/Notes \| | JIRA Issue | YARN-6966 | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12933611/YARN-6966-branch-2.002.patch> | Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/21436/console> | Powered by | Apache Yetus 0.8.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

45. | (x) *{color:red}-1 overall{color}* | \\\ \| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s{color} | {color:blue} Docker mode activated. {color} | | | | {color:red}-1{color} | {color:red} docker {color} | {color:red} 20m 9s{color} | {color:red} Docker failed to build yetus/hadoop:f667ef1. {color} | \\\ \| Subsystem \| Report/Notes \| | JIRA Issue | YARN-6966 | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12933626/YARN-6966-branch-2.002.patch> | Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/21440/console> | Powered by | Apache Yetus 0.8.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

46. I created HADOOP-15644 to fix the branch-2 docker build issue.

47. Retriggerred a Jenkins job now that HADOOP-15644 is fixed.

48. | (x) *{color:red}-1 overall{color}* | \\\ \| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 21m 42s{color} | {color:blue} Docker mode activated. {color} | | | | {color:brown} Prechecks {color} | | {color:blue}0{color} | {color:blue} findbugs {color} | {color:blue} 0m 0s{color} | {color:blue} Findbugs executables are not available. {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 5 new or modified test files. {color} | | | | {color:brown} branch-2 Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 10m 34s{color} | {color:green} branch-2 passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 50s{color} | {color:green} branch-2 passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 24s{color} | {color:green} branch-2 passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 36s{color} | {color:green} branch-2 passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 26s{color} | {color:green} branch-2 passed {color} | | | | {color:brown} Patch Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 34s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 46s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 46s{color} | {color:green} the patch passed {color} | | {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 0m 20s{color} | {color:orange} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager: The patch generated 4 new + 189 unchanged - 3 fixed = 193 total (was 192) {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 33s{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} javadoc {color} | {color:green} 0m 22s{color} | {color:green} the patch passed {color} | | | | {color:brown} Other Tests {color} | | {color:red}-1{color} | {color:red} unit {color} | {color:red} 15m 24s{color} | {color:red} hadoop-yarn-server-nodemanager in the patch failed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 25s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 53m 59s{color} | {color:black} {color} | \\\ \| Reason \| Tests \| | Failed junit tests | hadoop.yarn.server.nodemanager.containermanager.TestContainerManagerRecovery | \\\ \| Subsystem \| Report/Notes \| | Docker | Client=17.05.0-ce Server=17.05.0-ce Image=yetus/hadoop:a716388 | JIRA Issue | YARN-6966 | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12933626/YARN-6966-branch-2.002.patch> | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle | | uname | Linux 425b686bdc93 4.4.0-130-generic #156-Ubuntu SMP Thu Jun 14 08:53:28 UTC 2018 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/patchprocess/precommit/personality/provided.sh | | git revision | branch-2 / a716388 | | maven | version: Apache Maven 3.3.9 (bb52d8502b132ec0a5a3f4c09453c04748323dc5; 2015-11-10T16:41:47+00:00) | | Default Java | 1.7.0_181 | | checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/21455/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt | | unit | https://builds.apache.org/job/PreCommit-YARN-Build/21455/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt | | Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/21455/testReport/> | | Max. process+thread

count | 160 (vs. ulimit of 10000) | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager | Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/21455/console> | Powered by | Apache Yetus 0.8.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

49. **body:** [~snemeth] The unit tests are related. Seems that the new unit test does not clean up properly, causing following tests to fail.

label: test

50. Thanks [~haibochen] for taking care of the build issue with docker. Checking the unit test failures now.

51. Hi [~haibochen]! I found out what is causing the test to fail. There is a missing backport on branch-2: YARN-7542 In `{{RecoveredContainerLaunch}}`, in `{{call}}` the `{{ContainerEventType}}` being sent is `{{PAUSED}}` instead of `{{CONTAINER_LAUNCHED}}`. This ultimately puts the container to PAUSED state instead of RUNNING. When the container becomes RUNNING, the running container metrics is increased. Could you please do the backport of YARN-7452 to branch-2? Thanks!

52. I have backported YARN-7542 to branch-2. Will kick off another Jenkins job shortly.

53. The build has finished at [<https://builds.apache.org/job/PreCommit-YARN-Build/21489/console>.] But somehow the report was not posted here. Checking the branch-2 in shortly.