

git_comments:

1. * Returns CGroup Mount Path. * @return parameter value as read from the parameter file

git_commits:

1. **summary:** YARN-6968. Hardcoded absolute pathname in DockerLinuxContainerRuntime. Contributed by Eric Badger
message: YARN-6968. Hardcoded absolute pathname in DockerLinuxContainerRuntime. Contributed by Eric Badger (cherry picked from commit 10d7493587643b52cee5fde87eca9ef99c422a70)

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

1. **summary:** Hardcoded absolute pathname in DockerLinuxContainerRuntime
description:
org.apache.hadoop.yarn.server.nodemanager.containermanager.linux.runtime.DockerLinuxContainerRuntime.launchContainer(ContainerRuntimeContext) has a hardcoded absolute pathname that is being flagged by findbugs. This could be done after YARN-6757 is checked in.

jira_issues_comments:

1. Any update on this? It would be nice to have Yetus stop complaining about the latent findbugs warning.
2. from Miklos on YARN-7025 bq. Eric Badger, Would you like to work on YARN-6968? Feel free to assign it to yourself. Assigning to myself
3. Attaching a patch that makes the cgroups root directory a NM config in yarn-site.xml
4. (x) *{color:red}-1 overall{color}* | \\\| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 15m 55s{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 1 new or modified test files. {color} | \| \| \| \| {color:brown} trunk Compile Tests {color} | \| {color:blue}0{color} | {color:blue} mvnDep {color} | {color:blue} 0m 13s{color} | {color:blue} Maven dependency ordering for branch {color} | \| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 15m 58s{color} | {color:green} trunk passed {color} | \| {color:green}+1{color} | {color:green} compile {color} | {color:green} 9m 12s{color} | {color:green} trunk passed {color} | \| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 0s{color} | {color:green} trunk passed {color} | \| {color:green}+1{color} | {color:green} mvnSite {color} | {color:green} 1m 50s{color} | {color:green} trunk passed {color} | \| {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 50s{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} 1m 37s{color} | {color:green} trunk passed {color} | \| \| \| \| {color:brown} Patch Compile Tests {color} | \| {color:blue}0{color} | {color:blue} mvnDep {color} | {color:blue} 0m 11s{color} | {color:blue} Maven dependency ordering for patch {color} | \| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 22s{color} | {color:green} the patch passed {color} | \| {color:green}+1{color} | {color:green} compile {color} | {color:green} 5m 45s{color} | {color:green} the patch passed {color} | \| {color:green}+1{color} | {color:green} javac {color} | {color:green} 5m 45s{color} | {color:green} the patch passed {color} | \| {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 0m 57s{color} | {color:orange} hadoop-yarn-project/hadoop-yarn: The patch generated 4 new + 225 unchanged - 0 fixed = 229 total (was 225) {color} | \| {color:green}+1{color} | {color:green} mvnSite {color} | {color:green} 1m 46s{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} xml {color} | {color:green} 0m 1s{color} | {color:green} The patch has no ill-formed XML file. {color} | \| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 16s{color} | {color:green} hadoop-yarn-api in the patch passed. {color} | \| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 22s{color} | {color:green} hadoop-yarn-common in the patch passed. {color} | \| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 0m 58s{color} | {color:green} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager generated 0 new + 0 unchanged - 1 fixed = 0 total (was 1) {color} | \| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 31s{color} | {color:green} the patch passed {color} | \| \| \| \| {color:brown} Other Tests {color} | \| {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 35s{color} | {color:green} hadoop-yarn-api in the patch passed. {color} | \| {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 34s{color} | {color:green} hadoop-yarn-common in the patch passed. {color} | \| {color:red}-1{color} | {color:red} unit {color} | {color:red} 14m 28s{color} | {color:red} hadoop-yarn-server-nodemanager in the patch failed. {color} | \| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 31s{color} | {color:green} The patch does not generate ASF License warnings. {color} | \| {color:black}{color} | {color:black} {color} | {color:black} 91m 35s{color} | {color:black} {color} | \\\| Reason \| Tests \| | Failed junit tests | hadoop.yarn.server.nodemanager.containermanager.TestContainerManager | \\\| Subsystem \| Report/Notes \| | Docker | Image:yetus/hadoop:71bbb86 | | JIRA Issue | YARN-6968 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12887973/YARN-6968.001.patch | | Optional Tests | asflicense compile javac javadoc mvninstall mvnSite unit findbugs checkstyle xml | | uname | Linux f673adebb67f 3.13.0-129-generic #178-Ubuntu SMP Fri Aug 11 12:48:20 UTC 2017 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 51edaac | | Default Java | 1.8.0_144 | | findbugs | v3.1.0-RC1 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/17524/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/17524/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt | | unit | https://builds.apache.org/job/PreCommit-YARN-Build/17524/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/17524/testReport/ | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-project/hadoop-yarn | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/17524/console | | Powered by | Apache Yetus 0.6.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
5. **body:** Adding patch to address checkstyle issues
label: code-design
6. **body:** Thank you, [~ebadger] for working on this and submitting the patch. Is there a reason to duplicate the configuration? We could use yarn.nodemanager.linux-container-executor.cgroups.mount-path or even better we could get the value from CGroupsHandler, so that it is auto detected. The path inside the container could be configurable separately indeed, however it is probably a good idea to make it configurable by the client. Also, it is interesting that the findbugs warning did not go away with the patch.
label: code-design

7. | (x) *{color:red}-1 overall{color}* | \\\| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 13s{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 1 new or modified test files. {color} | | | | | {color:brown} trunk Compile Tests {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 45s{color} | {color:blue} Maven dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 13m 30s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 9m 34s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 2s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 50s{color} | {color:green} trunk passed {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 53s{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} 1m 37s{color} | {color:green} trunk passed {color} | | | | | {color:brown} Patch Compile Tests {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 10s{color} | {color:blue} Maven dependency ordering for patch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 24s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 5m 50s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 5m 50s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 0s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 48s{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} xml {color} | {color:green} 0m 1s{color} | {color:green} The patch has no ill-formed XML file. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 19s{color} | {color:green} hadoop-yarn-api in the patch passed. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 26s{color} | {color:green} hadoop-yarn-common in the patch passed. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 0m 58s{color} | {color:green} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager generated 0 new + 0 unchanged - 1 fixed = 0 total (was 1) {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 33s{color} | {color:green} the patch passed {color} | | | | | {color:brown} Other Tests {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 35s{color} | {color:green} hadoop-yarn-api in the patch passed. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 38s{color} | {color:green} hadoop-yarn-common in the patch passed. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 14m 14s{color} | {color:green} hadoop-yarn-server-nodemanager in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 30s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 74m 36s{color} | {color:black} {color} | \\\| Subsystem \| Report/Notes \| | Docker | Image:yetus/hadoop:71bbb86 | | JIRA Issue | YARN-6968 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12888062/YARN-6968.002.patch | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle xml | | uname | Linux 49e07010dea5 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 / 7e58b24 | | Default Java | 1.8.0_144 | | findbugs | v3.1.0-RC1 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/17538/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager-warnings.html | | Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/17538/testReport/ | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-project/hadoop-yarn | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/17538/console | | Powered by | Apache Yetus 0.6.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
8. Hey [~miklos.szegedi@cloudera.com], thanks for the review. I'm attaching a new patch that addresses your comments. bq. Is there a reason to duplicate the configuration? We could use yarn.nodemanager.linux-container-executor.cgroups.mount-path or even better we could get the value from CGroupsHandler, so that it is auto detected. Yea I suppose that is a better way to do this. Adding a new getter method for the cgroups root directory that we can get from the CGroupsHandler. bq. The path inside the container could be configurable separately indeed, however it is probably a good idea to make it configurable by the client. This may have security ramifications given that we're allowing the user to potentially overwrite directories in the container with the cgroups directory. Not quite sure how this could be leveraged, but it gives the user input into how their container is set up, which generally degrades security. Either way though, this would be something to do in a follow-up jira, not here. In this JIRA we just want that pesky findbugs warning to go away. bq. Also, it is interesting that the findbugs warning did not go away with the patch. It actually did get rid of it. It just also shows it during the trunk compilation, not during the patch compilation. In the patch compilation, you can see it show that it got rid of the warning {noformat} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager generated 0 new + 0 unchanged - 1 fixed = 0 total (was 1) {noformat}
9. Thank you, [~ebadger]. bq. In this JIRA we just want that pesky findbugs warning to go away. I absolutely agree.
10. | (x) *{color:red}-1 overall{color}* | \\\| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 15s{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 1 new or modified test files. {color} | | | | | {color:brown} trunk Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 12m 27s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 37s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 15s{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 42s{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 17s{color} | {color:green} trunk passed {color} | | | | | {color:brown} Patch Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 23s{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 15s{color} | {color:orange} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager: The patch generated 1 new + 18 unchanged - 0 fixed = 19 total (was 18) {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 24s{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 44s{color} | {color:green} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager generated 0 new + 0 unchanged - 1 fixed = 0 total (was 1) {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 14s{color} | {color:green} the patch passed {color} | | | | | {color:brown} Other Tests {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 14m 16s{color} | {color:green} hadoop-yarn-server-nodemanager in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 16s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 33m 26s{color} | {color:black} {color} | \\\| Subsystem \| Report/Notes \| | Docker | Image:yetus/hadoop:71bbb86 | | JIRA Issue | YARN-6968 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12888100/YARN-6968.003.patch | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux d1c720c3c648 4.4.0-43-generic #63-Ubuntu SMP Wed Oct 12 13:48:03 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / ce943eb | | Default Java | 1.8.0_144 | | findbugs | v3.1.0-RC1 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/17541/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/17541/artifact/patchprocess/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/17541/testReport/ | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager U: hadoop-yarn-

11. **body:** Javadoc periods will be the end of me. Fixing checkstyle

label: code-design

12. | (x) *{color:red}-1 overall{color:*} | \ \ \ \ Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 9s{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} javadoc {color} test4tests {color} | {color:green} 0m 0s{color} | {color:green} The patch appears to include 1 new or modified test files. {color} | | | | | {color:brown} trunk Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 12m 10s{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 15s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 24s{color} | {color:green} trunk passed {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 39s{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 15s{color} | {color:green} trunk passed {color} | | | | | {color:brown} Patch Compile Tests {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 22s{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} | {color:green} 0m 36s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 12s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 23s{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 43s{color} | {color:green} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager generated 0 new + 0 unchanged - 1 fixed = 0 total (was 1) {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 14s{color} | {color:green} the patch passed {color} | | | | | {color:brown} Other Tests {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 14m 5s{color} | {color:green} hadoop-yarn-server-nodemanager in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 14s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 32m 37s{color} | {color:black} {color} | \ \ \ \ Subsystem || Report/Notes || Docker | Image:yetus/hadoop:71bbb86 | JIRA Issue | YARN-6968 | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12888112/YARN-6968.004.patch> | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux d067b511d215 4.4.0-43-generic #63-Ubuntu SMP Wed Oct 12 13:48:03 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / a12f09b | | Default Java | 1.8.0_144 | | findbugs | v3.1.0-RC1 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/17545/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server-nodemanager-warnings.html | | Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/17545/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/17545/console> | | Powered by | Apache Yetus 0.6.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.
13. +1 for the latest patch. I'll commit this later today if there are no objections.
14. Thank you, [~ebadger] for the patch and [~jlowe] for the review. +1 (non-binding) with the notes below. Just a note that this will be a bit of a regression, since /sys/fs/cgroup is not default anymore. I suggest opening the following followup jiras: Make Docker target directory configurable in yarn-site.xml. Check, if we need to default to /sys/fs/cgroup. This is non trivial in older OSes where cgroup can be mounted by the admins, although probably those do not support Docker. A general jira to discuss whether mounting is needed for all cases and it could be turned off by default. Let me know, if you disagree.
15. bq. Make Docker target directory configurable in yarn-site.xml. I'm fine with that, but I think that it should be governed by the white list in YARN-5534 or a different type of whitelist that determines where you are allowed to mount cgroups. Basically just containing the potential problem to admin-specified places instead of opening up the whole container to the user to find a vulnerability.
16. Ah I see. Yes it also sounds too general How about "Make Docker target directory for cgroups configurable by yarn-site.xml." Potentially you do not need the whole mount, just lxcfs. I would not let the client specify the path.
17. That sounds good to me. Filed YARN-7231. Thanks, [~miklos.szegedi@cloudera.com]
18. Thanks to Eric for the contribution and to Miklos for additional review! I committed this to trunk, branch-3.0, and branch-2.
19. SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #12934 (See [<https://builds.apache.org/job/Hadoop-trunk-Commit/12934/>]) YARN-6968. Hardcoded absolute pathname in DockerLinuxContainerRuntime. (jlowe: rev 10d7493587643b52cee5fde87eca9ef99c422a70) * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/containermanager/linux/runtime/DockerLinuxContainerRuntime.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/test/java/org/apache/hadoop/yarn/server/nodemanager/containermanager/linux/runtime/TestDockerContainerRuntime.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/containermanager/linux/resources/CGroupsHandlerImpl.java * (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/containermanager/linux/resources/CGroupsHandler.java
20. Thank you, [~ebadger] and [~jlowe] for working on this! It is really nice to see findbugs check being all green.
21. Woot! Glad to get this in. Thanks [~jlowe] and [~miklos.szegedi@cloudera.com]!