

Item 125

git_comments:

git_commits:

1. **summary:** HADOOP-13571. ServerSocketUtil.getPort() should use loopback address, not 0.0.0.0.
Contributed by Eric Badger
message: HADOOP-13571. ServerSocketUtil.getPort() should use loopback address, not 0.0.0.0.
Contributed by Eric Badger (cherry picked from commit
6de1a8eb678496393b625f430084a6c64e24b804)

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** ServerSocketUtil.getPort() should use loopback address, not 0.0.0.0
description: Using 0.0.0.0 to check for a free port will succeed even if there's something bound to that same port on the loopback interface. Since this function is used primarily in testing, it should be checking the loopback interface for free ports.
2. **summary:** ServerSocketUtil.getPort() should use loopback address, not 0.0.0.0
description: Using 0.0.0.0 to check for a free port will succeed even if there's something bound to that same port on the loopback interface. Since this function is used primarily in testing, it should be checking the loopback interface for free ports.
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description: Using 0.0.0.0 to check for a free port will succeed even if there's something bound to that same port on the loopback interface. Since this function is used primarily in testing, it should be checking the loopback interface for free ports.
4. **summary:** ServerSocketUtil.getPort() should use loopback address, not 0.0.0.0
description: Using 0.0.0.0 to check for a free port will succeed even if there's something bound to that same port on the loopback interface. Since this function is used primarily in testing, it should be checking the loopback interface for free ports.
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description: Using 0.0.0.0 to check for a free port will succeed even if there's something bound to that same port on the loopback interface. Since this function is used primarily in testing, it should be checking the loopback interface for free ports.
label: code-design
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description: Using 0.0.0.0 to check for a free port will succeed even if there's something bound to that same port on the loopback interface. Since this function is used primarily in testing, it should be checking the loopback interface for free ports.

12. **summary:** ServerSocketUtil.getPort() should use loopback address, not 0.0.0.0

description: Using 0.0.0.0 to check for a free port will succeed even if there's something bound to that same port on the loopback interface. Since this function is used primarily in testing, it should be checking the loopback interface for free ports.

jira_issues_comments:

1. Attaching patch to have ServerSocketUtil.getPort() bind to loopback instead of 0.0.0.0.

2. | (/) *{color:green}+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: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} 9m 3s{color} | {color:green} trunk passed {color} | |
{color:green}+1{color} | {color:green} compile {color} | {color:green} 8m 24s{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} 1m 5s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} |
{color:green} mvnecclipse {color} | {color:green} 0m 15s{color} | {color:green} trunk passed {color} | |
{color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 33s{color} | {color:green}
trunk passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m
48s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvninstall
{color} | {color:green} 0m 47s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} |
{color:green} compile {color} | {color:green} 8m 18s{color} | {color:green} the patch passed {color} | |
{color:green}+1{color} | {color:green} javac {color} | {color:green} 8m 18s{color} | {color:green} the
patch passed {color} | | {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 0m
28s{color} | {color:orange} hadoop-common-project/hadoop-common: The patch generated 1 new + 3
unchanged - 0 fixed = 4 total (was 3) {color} | | {color:green}+1{color} | {color:green} mvnsite {color} |
{color:green} 0m 59s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} |
{color:green} mvnecclipse {color} | {color:green} 0m 14s{color} | {color:green} the patch passed {color}
| | {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} |
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findbugs {color} | {color:green} 1m 43s{color} | {color:green} the patch passed {color} | |
{color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 53s{color} | {color:green}
the patch passed {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 8m
18s{color} | {color:green} hadoop-common in the patch passed. {color} | | {color:green}+1{color} |
{color:green} asflicense {color} | {color:green} 0m 21s{color} | {color:green} The patch does not
generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black}
45m 22s{color} | {color:black} {color} | \\\| \| Subsystem \| Report/Notes \| | Docker |
Image:yetus/hadoop:9560f25 | | JIRA Issue | HADOOP-13571 | | JIRA Patch URL |
<https://issues.apache.org/jira/secure/attachment/12826633/HADOOP-13571.001.patch> | | Optional Tests |
asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux
d0b4df457abf 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014
x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality |
/testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 08f55cc | |
Default Java | 1.8.0_101 | | findbugs | v3.0.0 | | checkstyle | https://builds.apache.org/job/PreCommit-HADOOP-Build/10438/artifact/patchprocess/diff-checkstyle-hadoop-common-project_hadoop-common.txt | | Test Results | <https://builds.apache.org/job/PreCommit-HADOOP-Build/10438/testReport/> |
| | modules | C: hadoop-common-project/hadoop-common U: hadoop-common-project/hadoop-common | |

3. [~ebadger], thanks for the patch. Can you please check if this Jira is still applicable to 3.x?
4. (/) *{color:green}+1 overall{color}* | \ \ \ \ Vote \| Subsystem \| Runtime \| Logfile \| Comment \| |
{color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 1m 30s{color} | {color:blue}{color} |
{color:blue} Docker mode activated. {color} | \| \| \| \| {color:brown} Prechecks {color} \| \| |
{color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 0s{color} | {color:green}
{color} | {color:green} No case conflicting files found. {color} | | {color:green}+1{color} | {color:green}
@author {color} | {color:green} 0m 0s{color} | {color:green}{color} | {color:green} The patch does not
contain any @author tags. {color} | | {color:green}+1{color} | {color:green} {color} | {color:green} 0m
0s{color} | {color:green}test4tests{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} 22m 45s{color} | {color:green}{color} | {color:green}
trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 22m
0s{color} | {color:green}{color} | {color:green} trunk passed with JDK Ubuntu-11.0.9.1+1-Ubuntu-
0ubuntu1.18.04 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 17m
59s{color} | {color:green}{color} | {color:green} trunk passed with JDK Private Build-1.8.0_275-8u275-
b01-0ubuntu1~18.04-b01 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} |
{color:green} 0m 44s{color} | {color:green}{color} | {color:green} trunk passed {color} | |
{color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 25s{color} | {color:green}
{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} shadedclient
{color} | {color:green} 19m 12s{color} | {color:green}{color} | {color:green} branch has no errors when
building and testing our client artifacts. {color} | | {color:green}+1{color} | {color:green} javadoc
{color} | {color:green} 0m 55s{color} | {color:green}{color} | {color:green} trunk passed with JDK
Ubuntu-11.0.9.1+1-Ubuntu-0ubuntu1.18.04 {color} | | {color:green}+1{color} | {color:green} javadoc
{color} | {color:green} 1m 28s{color} | {color:green}{color} | {color:green} trunk passed with JDK
Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 {color} | | {color:blue}0{color} | {color:blue}
spotbugs {color} | {color:blue} 2m 16s{color} | {color:blue}{color} | {color:blue} Used deprecated
FindBugs config; considering switching to SpotBugs. {color} | | {color:green}+1{color} | {color:green}
findbugs {color} | {color:green} 2m 14s{color} | {color:green}{color} | {color:green} trunk passed
{color} | \| \| \| \| {color:brown} Patch Compile Tests {color} \| \| | {color:green}+1{color} | {color:green}
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{color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 20m 49s{color} |
{color:green}{color} | {color:green} the patch passed with JDK Ubuntu-11.0.9.1+1-Ubuntu-
0ubuntu1.18.04 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 20m
49s{color} | {color:green}{color} | {color:green} the patch passed {color} | | {color:green}+1{color} |
{color:green} compile {color} | {color:green} 18m 4s{color} | {color:green}{color} | {color:green} the
patch passed with JDK Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 {color} | |
{color:green}+1{color} | {color:green} javac {color} | {color:green} 18m 4s{color} | {color:green}
{color} | {color:green} the patch passed {color} | | {color:orange}-0{color} | {color:orange} checkstyle
{color} | {color:orange} 0m 44s{color} | {color:orange}https://ci-hadoop.apache.org/job/PreCommit-
HADOOP-Build/125/artifact/out/diff-checkstyle-hadoop-common-project_hadoop-common.txt{color} |
{color:orange} hadoop-common-project/hadoop-common: The patch generated 1 new + 2 unchanged - 0
fixed = 3 total (was 2) {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green}
1m 23s{color} | {color:green}{color} | {color:green} the patch passed {color} | | {color:green}+1{color} |
{color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green}{color} | {color:green}
The patch has no whitespace issues. {color} | | {color:green}+1{color} | {color:green} shadedclient
{color} | {color:green} 16m 57s{color} | {color:green}{color} | {color:green} patch has no errors when
building and testing our client artifacts. {color} | | {color:green}+1{color} | {color:green} javadoc
{color} | {color:green} 0m 57s{color} | {color:green}{color} | {color:green} the patch passed with JDK
Ubuntu-11.0.9.1+1-Ubuntu-0ubuntu1.18.04 {color} | | {color:green}+1{color} | {color:green} javadoc
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Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 {color} | | {color:green}+1{color} |
{color:green} findbugs {color} | {color:green} 2m 37s{color} | {color:green}{color} | {color:green} the
patch passed {color} | \| \| \| \| {color:brown} Other Tests {color} \| \| | {color:green}+1{color} |
{color:green} unit {color} | {color:green} 10m 54s{color} | {color:green}{color} | {color:green} hadoop-
common in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} |
{color:green} 0m 45s{color} | {color:green}{color} | {color:green} The patch does not generate ASF
License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black}166m

41s{color} | {color:black}{color} | {color:black}{color} | \\ \\ || Subsystem || Report/Notes || | Docker | ClientAPI=1.40 ServerAPI=1.40 base: https://ci-hadoop.apache.org/job/PreCommit-HADOOP-Build/125/artifact/out/Dockerfile || JIRA Issue | HADOOP-13571 || JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12826633/HADOOP-13571.001.patch || Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle || uname | Linux 2c7dac0d1878 4.15.0-112-generic #113-Ubuntu SMP Thu Jul 9 23:41:39 UTC 2020 x86_64 x86_64 x86_64 GNU/Linux || Build tool | maven || Personality | personality/hadoop.sh || git revision | trunk / f94e927bfbfe || Default Java | Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 || Multi-JDK versions | /usr/lib/jvm/java-11-openjdk-amd64:Ubuntu-11.0.9.1+1-Ubuntu-0ubuntu1.18.04 /usr/lib/jvm/java-8-openjdk-amd64:Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 || Test Results | https://ci-hadoop.apache.org/job/PreCommit-HADOOP-Build/125/testReport/ || Max. process+thread count | 3233 (vs. ulimit of 5500) || modules | C: hadoop-common-project/hadoop-common U: hadoop-common-project/hadoop-common || Console output | https://ci-hadoop.apache.org/job/PreCommit-HADOOP-Build/125/console || versions | git=2.17.1 maven=3.6.0 findbugs=4.0.6 || Powered by | Apache Yetus 0.13.0-SNAPSHOT https://yetus.apache.org | This message was automatically generated.

5. Amazingly, it still applies and is applicable.

6. Great! Can you fix the styling issues so we can merge it?

7. **body:** Hey, [~ahussein], I uploaded a new patch to fix the checkstyle

label: code-design

8. | (/) *{color:green}+1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Logfile || Comment || | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 1m 33s{color} | {color:blue}{color} | {color:blue} Docker mode activated. {color} | || || || {color:brown} Prechecks {color} || || | {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 0s{color} | {color:green} {color} | {color:green} No case conflicting files found. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s{color} | {color:green}{color} | {color:green} The patch does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} {color} | {color:green} 0m 0s{color} | {color:green}test4tests{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} 35m 54s{color} | {color:green}{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 22m 11s{color} | {color:green}{color} | {color:green} trunk passed with JDK Ubuntu-11.0.9.1+1-Ubuntu-0ubuntu1.18.04 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 9s{color} | {color:green}{color} | {color:green} trunk passed with JDK Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 46s{color} | {color:green}{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 26s{color} | {color:green}{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 19m 14s{color} | {color:green}{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 57s{color} | {color:green}{color} | {color:green} trunk passed with JDK Ubuntu-11.0.9.1+1-Ubuntu-0ubuntu1.18.04 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 25s{color} | {color:green}{color} | {color:green} trunk passed with JDK Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 {color} | | {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 2m 19s{color} | {color:blue}{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 17s{color} | {color:green}{color} | {color:green} trunk passed {color} | || || || {color:brown} Patch Compile Tests {color} || || | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 53s{color} | {color:green}{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 21m 2s{color} | {color:green}{color} | {color:green} the patch passed with JDK Ubuntu-11.0.9.1+1-Ubuntu-0ubuntu1.18.04 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 21m 2s{color} | {color:green}{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 17s{color} | {color:green}{color} | {color:green} the patch passed with JDK Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 18m 17s{color} | {color:green}{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 44s{color} | {color:green}{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 25s{color} | {color:green}{color}

{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green}{color} | {color:green} The patch has no whitespace issues. {color} | | {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 17m 3s{color} | {color:green}{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 56s{color} | {color:green}{color} | {color:green} the patch passed with JDK Ubuntu-11.0.9.1+1-Ubuntu-0ubuntu1.18.04 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 29s{color} | {color:green}{color} | {color:green} the patch passed with JDK Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 28s{color} | {color:green}{color} | {color:green} the patch passed {color} | || || || || {color:brown} Other Tests {color} || || | {color:green}+1{color} | {color:green} unit {color} | {color:green} 9m 54s{color} | {color:green}{color} | {color:green} hadoop-common in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 46s{color} | {color:green}{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 179m 44s{color} | {color:black}{color} | {color:black}{color} | \ \ \ || Subsystem || Report/Notes || Docker | ClientAPI=1.40 ServerAPI=1.40 base: <https://ci-hadoop.apache.org/job/PreCommit-HADOOP-Build/126/artifact/out/Dockerfile> | | JIRA Issue | HADOOP-13571 | | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/13016669/HADOOP-13571.002.patch> | | Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle | | uname | Linux 2ae59c5ccb89 4.15.0-112-generic #113-Ubuntu SMP Thu Jul 9 23:41:39 UTC 2020 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | personality/hadoop.sh | | git revision | trunk / 7d3c8ef6064 | | Default Java | Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 | | Multi-JDK versions | /usr/lib/jvm/java-11-openjdk-amd64:Ubuntu-11.0.9.1+1-Ubuntu-0ubuntu1.18.04 /usr/lib/jvm/java-8-openjdk-amd64:Private Build-1.8.0_275-8u275-b01-0ubuntu1~18.04-b01 | | Test Results | <https://ci-hadoop.apache.org/job/PreCommit-HADOOP-Build/126/testReport/> | | Max. process+thread count | 3265 (vs. ulimit of 5500) | | modules | C: hadoop-common-project/hadoop-common U: hadoop-common-project/hadoop-common | | Console output | <https://ci-hadoop.apache.org/job/PreCommit-HADOOP-Build/126/console> | | versions | git=2.17.1 maven=3.6.0 findbugs=4.0.6 | | Powered by | Apache Yetus 0.13.0-SNAPSHOT <https://yetus.apache.org> | This message was automatically generated.

9. Thanks for the patch [~ebadger] and thanks for the review [~ahusseini]! +1 this looks good to me. We've been running with this change internally for a long time. I will commit later today.
10. I have committed this to trunk, branch-3.3, branch-3.2, and branch-3.1.