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Hadoop YARN / [YARN-5597 YARN Federation improvements](#) / [YARN-8696](#)

# [AMRMProxy] FederationInterceptor upgrade: home sub-cluster heartbeat async

Details

|                    |                             |                |  |
|--------------------|-----------------------------|----------------|--|
| Type:              | Sub-task                    | Status:        | <b>RESOLVED</b>                                |
| Priority:          | Major                       | Resolution:    | Fixed  |
| Affects Version/s: | None                        | Fix Version/s: | <a href="#">2.10.0</a> , <a href="#">3.2.0</a> |
| Component/s:       | <a href="#">nodemanager</a> |                |  |
| Labels:            | None                        |                |  |

Description

Today in *FederationInterceptor*, the heartbeat to home sub-cluster is synchronous. After the heartbeat is sent out to home sub-cluster, it waits for the home response to come back before merging and returning the (merged) heartbeat result to back AM. If home sub-cluster is suffering from connection issues, or down during an YarnRM master-slave switch, all heartbeat threads in *FederationInterceptor* will be blocked waiting for home response. As a result, the successful UAM heartbeats from secondary sub-clusters will not be returned to AM at all. Additionally, because of the fact that we kept the same heartbeat responseld between AM and home RM, lots of tricky handling are needed regarding the responseld resync when it comes to *FederationInterceptor* (part of AMRMProxy, NM) work preserving restart ([YARN-6127](#), [YARN-1336](#)), home RM master-slave switch etc.

In this patch, we change the heartbeat to home sub-cluster to asynchronous, same as the way we handle UAM heartbeats in secondaries. So that any sub-cluster down or connection issues won't impact AM getting responses from other sub-clusters. The responseld is also managed separately for home sub-cluster and AM, and they increment independently. The resync logic becomes much cleaner.

Attachments

|   |        |                 |
|---|--------|-----------------|
| <a href="#">YARN-8696.v1.patch</a>          | 116 kB | 21/Aug/18 21:32 |
| <a href="#">YARN-8696.v2.patch</a>          | 117 kB | 22/Aug/18 18:11 |
| <a href="#">YARN-8696.v3.patch</a>          | 86 kB  | 27/Aug/18 22:07 |
| <a href="#">YARN-8696.v4.patch</a>          | 85 kB  | 28/Aug/18 16:14 |
| <a href="#">YARN-8696.v5.patch</a>          | 86 kB  | 18/Sep/18 19:22 |
| <a href="#">YARN-8696.v6.patch</a>          | 85 kB  | 19/Sep/18 21:21 |
| <a href="#">YARN-8696-branch-2.v6.patch</a> | 85 kB  | 22/Sep/18 15:15 |

Issue Links

|              |  |                 |
|--------------|--|-----------------|
| depends upon |  |                 |
|              | <a href="#">YARN-8705</a> Refactor the UAM heartbeat thread in preparation for YARN-8696 | <b>RESOLVED</b> |

Activity

[genericqa](#) added a comment - 22/Aug/18 01:05

-1 overall

| Vote      | Subsystem | Runtime | Comment                                     |
|-----------|-----------|---------|---|
| 0         | reexec    | 21m 48s | <a href="#">Docker mode activated.</a>      |
| Prechecks |           |         |   |
| +1        | @author   | 0m 0s   | The patch does not contain any @author tags |



|                            |              |          |  |
|----------------------------|--------------|----------|--|
| +1                         | @author      | 0m 0s    | The patch does not contain any @author tags.   |
| +1                         | test4tests   | 0m 0s    | The patch appears to include 3 new or modified test files.   |
| <b>trunk Compile Tests</b> |              |          |  |
| 0                          | mvndep       | 3m 57s   | Maven dependency ordering for branch   |
| +1                         | mvninstall   | 18m 51s  | trunk passed   |
| +1                         | compile      | 9m 5s    | trunk passed   |
| +1                         | checkstyle   | 1m 23s   | trunk passed   |
| +1                         | mvnsite      | 3m 45s   | trunk passed   |
| +1                         | shadedclient | 15m 24s  | branch has no errors when building and testing our client artifacts.   |
| +1                         | findbugs     | 6m 1s    | trunk passed   |
| +1                         | javadoc      | 2m 55s   | trunk passed   |
| <b>Patch Compile Tests</b> |              |          |  |
| 0                          | mvndep       | 0m 13s   | Maven dependency ordering for patch  |
| +1                         | mvninstall   | 2m 47s   | the patch passed   |
| +1                         | compile      | 7m 1s    | the patch passed   |
| +1                         | javac        | 7m 1s    | the patch passed   |
| -0                         | checkstyle   | 1m 16s   | hadoop-yarn-project/hadoop-yarn: The patch generated 5 new + 225 unchanged - 0 fixed = 230 total (was 225)   |
| +1                         | mvnsite      | 3m 22s   | the patch passed   |
| -1                         | whitespace   | 0m 0s    | The patch has 1 line(s) that end in whitespace. Use git apply --whitespace=fix <<patch_file>>. Refer <a href="https://git-scm.com/docs/git-apply">https://git-scm.com/docs/git-apply</a> |
| +1                         | shadedclient | 10m 48s  | patch has no errors when building and testing our client artifacts.  |
| +1                         | findbugs     | 6m 14s   | the patch passed   |
| +1                         | javadoc      | 2m 48s   | the patch passed   |
| <b>Other Tests</b>         |              |          |  |
| -1                         | unit         | 0m 43s   | hadoop-yarn-api in the patch failed.   |
| +1                         | unit         | 3m 16s   | hadoop-yarn-common in the patch passed.  |
| +1                         | unit         | 2m 26s   | hadoop-yarn-server-common in the patch passed.   |
| +1                         | unit         | 18m 49s  | hadoop-yarn-server-nodemanager in the patch passed.  |
| -1                         | unit         | 69m 42s  | hadoop-yarn-server-resourcemanager in the patch failed.  |
| +1                         | asflicense   | 0m 31s   | The patch does not generate ASF License warnings.  |
|                            |              | 210m 12s |  |

| Reason             | Tests  |
|--------------------|--|
| Failed junit tests | hadoop.yarn.conf.TestYarnConfigurationFields                         |
|                    | hadoop.yarn.server.resourcemanager.applicationsmanager.TestAMRestart |

| Subsystem      | Report/Notes  |
|----------------|---|
| Docker         | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:ba1ab08  |
| JIRA Issue     | <a href="#">YARN-8696</a>   |
| JIRA Patch URL | <a href="https://issues.apache.org/jira/secure/attachment/12936523/YARN-8696.v1.patch">https://issues.apache.org/jira/secure/attachment/12936523/YARN-8696.v1.patch</a> |
| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle   |
| uname          | Linux bca6ce8c969f 4.4.0-89-generic #112-Ubuntu SMP Mon Jul 31 19:38:41 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux   |
| Build tool     | maven   |

|                           |   |
|---------------------------|---|
| Personality               | /testptch/patchprocess/precommit/personality/provided.sh  |
| git revision              | trunk / 9c3fc3e   |
| maven                     | version: Apache Maven 3.3.9   |
| Default Java              | 1.8.0_181   |
| findbugs                  | v3.1.0-RC1  |
| checkstyle                | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21654/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21654/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt</a>   |
| whitespace                | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21654/artifact/out/whitespace-eol.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21654/artifact/out/whitespace-eol.txt</a>   |
| unit                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21654/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-api.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21654/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-api.txt</a>   |
| unit                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21654/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21654/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt</a>                           |
| Test Results              | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21654/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/21654/testReport/</a>   |
| Max. process+thread count | 908 (vs. ulimit of 10000)   |
| 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-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21654/console">https://builds.apache.org/job/PreCommit-YARN-Build/21654/console</a>   |
| Powered by                | Apache Yetus 0.8.0-SNAPSHOT <a href="http://yetus.apache.org">http://yetus.apache.org</a>   |

This message was automatically generated.

  genericcq added a comment - 22/Aug/18 23:46

 -1 overall

| Vote | Subsystem    | Runtime | Comment  |
|------|--------------|---------|--|
| 0    | reexec       | 24m 21s | Docker mode activated.   |
|      |              |         | Prechecks  |
| +1   | @author      | 0m 0s   | The patch does not contain any @author tags.                         |
| +1   | test4tests   | 0m 0s   | The patch appears to include 4 new or modified test files.           |
|      |              |         | trunk Compile Tests  |
| 0    | mvndep       | 0m 40s  | Maven dependency ordering for branch                                 |
| +1   | mvninstall   | 19m 52s | trunk passed   |
| +1   | compile      | 8m 46s  | trunk passed   |
| +1   | checkstyle   | 1m 28s  | trunk passed   |
| +1   | mvnsite      | 3m 55s  | trunk passed   |
| +1   | shadedclient | 16m 55s | branch has no errors when building and testing our client artifacts. |
| +1   | findbugs     | 6m 40s  | trunk passed   |
| +1   | javadoc      | 3m 10s  | trunk passed   |
|      |              |         | Patch Compile Tests  |
| 0    | mvndep       | 0m 15s  | Maven dependency ordering for patch                                  |
| +1   | mvninstall   | 3m 40s  | the patch passed   |
| +1   | compile      | 8m 56s  | the patch passed   |
| +1   | javac        | 8m 56s  | the patch passed   |
| +1   | checkstyle   | 1m 24s  | the patch passed   |

|    |              |          |   |
|----|--------------|----------|---|
| +1 | mvnsite      | 3m 57s   | the patch passed  |
| +1 | whitespace   | 0m 0s    | The patch has no whitespace issues.                                 |
| +1 | shadedclient | 12m 22s  | patch has no errors when building and testing our client artifacts. |
| +1 | findbugs     | 7m 12s   | the patch passed  |
| +1 | javadoc      | 3m 3s    | the patch passed  |
|    |              |          | Other Tests   |
| +1 | unit         | 0m 55s   | hadoop-yarn-api in the patch passed.                                |
| +1 | unit         | 3m 26s   | hadoop-yarn-common in the patch passed.                             |
| +1 | unit         | 2m 34s   | hadoop-yarn-server-common in the patch passed.                      |
| +1 | unit         | 18m 48s  | hadoop-yarn-server-nodemanager in the patch passed.                 |
| -1 | unit         | 70m 35s  | hadoop-yarn-server-resourcemanager in the patch failed.             |
| +1 | asflicense   | 0m 43s   | The patch does not generate ASF License warnings.                   |
|    |              | 220m 47s |   |

| Reason             | Tests   |
|--------------------|---|
| Failed junit tests | hadoop.yarn.server.resourcemanager.scheduler.capacity.TestIncreaseAllocationExpirer |

| Subsystem                 | Report/Notes  |
|---------------------------|---|
| Docker                    | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:ba1ab08  |
| JIRA Issue                | <a href="#">YARN-8696</a>   |
| JIRA Patch URL            | <a href="https://issues.apache.org/jira/secure/attachment/12936691/YARN-8696.v2.patch">https://issues.apache.org/jira/secure/attachment/12936691/YARN-8696.v2.patch</a>   |
| Optional Tests            | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle   |
| uname                     | Linux 51c358949807 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 / 4c25f37   |
| maven                     | version: Apache Maven 3.3.9   |
| Default Java              | 1.8.0_181   |
| findbugs                  | v3.1.0-RC1  |
| unit                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21660/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21660/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt</a>                           |
| Test Results              | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21660/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/21660/testReport/</a>   |
| Max. process+thread count | 876 (vs. ulimit of 10000)   |
| 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-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21660/console">https://builds.apache.org/job/PreCommit-YARN-Build/21660/console</a>   |
| Powered by                | Apache Yetus 0.8.0-SNAPSHOT <a href="http://yetus.apache.org">http://yetus.apache.org</a>   |

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▼

 genericqa added a comment - 23/Aug/18 00:55

 -1 overall

| Vote | Subsystem    | Runtime  | Comment  |
|------|--------------|----------|--|
| 0    | reexec       | 0m 27s   | Docker mode activated.   |
|      |              |          | <b>Prechecks</b>   |
| +1   | @author      | 0m 0s    | The patch does not contain any @author tags.                         |
| +1   | test4tests   | 0m 0s    | The patch appears to include 4 new or modified test files.           |
|      |              |          | <b>trunk Compile Tests</b>   |
| 0    | mvndep       | 0m 20s   | Maven dependency ordering for branch                                 |
| +1   | mvninstall   | 19m 48s  | trunk passed   |
| +1   | compile      | 9m 23s   | trunk passed   |
| +1   | checkstyle   | 1m 27s   | trunk passed   |
| +1   | mvnsite      | 4m 3s    | trunk passed   |
| +1   | shadedclient | 16m 58s  | branch has no errors when building and testing our client artifacts. |
| +1   | findbugs     | 6m 14s   | trunk passed   |
| +1   | javadoc      | 3m 3s    | trunk passed   |
|      |              |          | <b>Patch Compile Tests</b>   |
| 0    | mvndep       | 0m 13s   | Maven dependency ordering for patch                                  |
| +1   | mvninstall   | 3m 6s    | the patch passed   |
| +1   | compile      | 7m 39s   | the patch passed   |
| +1   | javac        | 7m 39s   | the patch passed   |
| +1   | checkstyle   | 1m 25s   | the patch passed   |
| +1   | mvnsite      | 3m 43s   | the patch passed   |
| +1   | whitespace   | 0m 0s    | The patch has no whitespace issues.                                  |
| +1   | shadedclient | 12m 8s   | patch has no errors when building and testing our client artifacts.  |
| +1   | findbugs     | 6m 54s   | the patch passed   |
| +1   | javadoc      | 2m 53s   | the patch passed   |
|      |              |          | <b>Other Tests</b>   |
| +1   | unit         | 0m 46s   | hadoop-yarn-api in the patch passed.                                 |
| +1   | unit         | 3m 14s   | hadoop-yarn-common in the patch passed.                              |
| +1   | unit         | 2m 23s   | hadoop-yarn-server-common in the patch passed.                       |
| +1   | unit         | 18m 35s  | hadoop-yarn-server-nodemanager in the patch passed.                  |
| -1   | unit         | 70m 29s  | hadoop-yarn-server-resourcemanager in the patch failed.              |
| +1   | asflicense   | 0m 43s   | The patch does not generate ASF License warnings.                    |
|      |              | 192m 55s |  |

| Reason             | Tests   |
|--------------------|---|
| Failed junit tests | hadoop.yarn.server.resourcemanager.scheduler.capacity.TestIncreaseAllocationExpirer |
|                    | hadoop.yarn.server.resourcemanager.reservation.TestCapacityOverTimePolicy           |

| Subsystem      | Report/Notes  |
|----------------|---|
| Docker         | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:ba1ab08  |
| JIRA Issue     | <a href="#">YARN-8696</a>   |
| JIRA Patch URL | <a href="https://issues.apache.org/jira/secure/attachment/12936691/YARN-8696.v2.patch">https://issues.apache.org/jira/secure/attachment/12936691/YARN-8696.v2.patch</a> |
| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle   |

|                           |   |
|---------------------------|---|
| uname                     | Linux f15934ff3b92 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 / 4c25f37   |
| maven                     | version: Apache Maven 3.3.9   |
| Default Java              | 1.8.0_181   |
| findbugs                  | v3.1.0-RC1  |
| unit                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21661/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21661/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt</a>                           |
| Test Results              | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21661/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/21661/testReport/</a>   |
| Max. process+thread count | 847 (vs. ulimit of 10000)   |
| 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-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21661/console">https://builds.apache.org/job/PreCommit-YARN-Build/21661/console</a>   |
| Powered by                | Apache Yetus 0.8.0-SNAPSHOT <a href="http://yetus.apache.org">http://yetus.apache.org</a>   |

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Botong Huang added a comment - 27/Aug/18 22:08

v3 patch uploaded, rebased after [YARN-8705](#)

genericqa added a comment - 28/Aug/18 00:17

-1 overall

| Vote | Subsystem    | Runtime | Comment  |
|------|--------------|---------|--|
| 0    | reexec       | 0m 32s  | Docker mode activated.   |
|      |              |         | Prechecks  |
| +1   | @author      | 0m 0s   | The patch does not contain any @author tags.                         |
| +1   | test4tests   | 0m 0s   | The patch appears to include 4 new or modified test files.           |
|      |              |         | trunk Compile Tests  |
| 0    | mvndep       | 0m 17s  | Maven dependency ordering for branch                                 |
| +1   | mvninstall   | 20m 41s | trunk passed   |
| +1   | compile      | 8m 28s  | trunk passed   |
| +1   | checkstyle   | 1m 30s  | trunk passed   |
| +1   | mvnsite      | 3m 56s  | trunk passed   |
| +1   | shadedclient | 17m 0s  | branch has no errors when building and testing our client artifacts. |
| +1   | findbugs     | 6m 42s  | trunk passed   |
| +1   | javadoc      | 3m 11s  | trunk passed   |
|      |              |         | Patch Compile Tests  |
| 0    | mvndep       | 0m 14s  | Maven dependency ordering for patch                                  |
| +1   | mvninstall   | 3m 33s  | the patch passed   |
| +1   | compile      | 9m 5s   | the patch passed   |
| +1   | javac        | 9m 5s   | the patch passed   |

|             |              |         |  |
|-------------|--------------|---------|--|
| -0          | checkstyle   | 1m 25s  | hadoop-yarn-project/hadoop-yarn: The patch generated 2 new + 231 unchanged - 0 fixed = 233 total (was 231) |
| +1          | mvnsite      | 3m 43s  | the patch passed   |
| +1          | whitespace   | 0m 0s   | The patch has no whitespace issues.  |
| +1          | shadedclient | 12m 12s | patch has no errors when building and testing our client artifacts.  |
| +1          | findbugs     | 6m 53s  | the patch passed   |
| +1          | javadoc      | 2m 48s  | the patch passed   |
| Other Tests |              |         |  |
| +1          | unit         | 0m 51s  | hadoop-yarn-api in the patch passed.   |
| +1          | unit         | 3m 21s  | hadoop-yarn-common in the patch passed.  |
| +1          | unit         | 2m 35s  | hadoop-yarn-server-common in the patch passed.   |
| -1          | unit         | 19m 11s | hadoop-yarn-server-nodemanager in the patch failed.  |
| -1          | unit         | 1m 7s   | hadoop-yarn-server-resourcemanager in the patch failed.  |
| +1          | asflicense   | 0m 39s  | The patch does not generate ASF License warnings.  |
|             |              | 127m 6s |  |

| Reason             | Tests  |
|--------------------|--|
| Failed junit tests | hadoop.yarn.server.nodemanager.containermanager.TestContainerManager |

| Subsystem                 | Report/Notes  |
|---------------------------|---|
| Docker                    | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:ba1ab08  |
| JIRA Issue                | <a href="#">YARN-8696</a>   |
| JIRA Patch URL            | <a href="https://issues.apache.org/jira/secure/attachment/12937338/YARN-8696.v3.patch">https://issues.apache.org/jira/secure/attachment/12937338/YARN-8696.v3.patch</a>   |
| Optional Tests            | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle   |
| uname                     | Linux 518bfd25d488 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 / 602d138   |
| maven                     | version: Apache Maven 3.3.9   |
| Default Java              | 1.8.0_181   |
| findbugs                  | v3.1.0-RC1  |
| checkstyle                | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21694/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21694/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt</a>   |
| unit                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21694/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21694/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-nodemanager.txt</a>                                   |
| unit                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21694/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21694/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt</a>                           |
| Test Results              | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21694/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/21694/testReport/</a>   |
| Max. process+thread count | 301 (vs. ulimit of 10000)   |
| 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-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21694/console">https://builds.apache.org/job/PreCommit-YARN-Build/21694/console</a>   |

|            |   |
|------------|---|
| Powered by | Apache Yetus 0.9.0-SNAPSHOT <a href="http://yetus.apache.org">http://yetus.apache.org</a> |
|------------|---|

This message was automatically generated.

genericcqa added a comment - 28/Aug/18 19:27

+1 overall


| Vote | Subsystem    | Runtime  | Comment  |
|------|--------------|----------|--|
| 0    | reexec       | 0m 19s   | Docker mode activated.   |
|      |              |          | Prechecks  |
| +1   | @author      | 0m 0s    | The patch does not contain any @author tags.                         |
| +1   | test4tests   | 0m 0s    | The patch appears to include 4 new or modified test files.           |
|      |              |          | trunk Compile Tests  |
| 0    | mvndep       | 0m 13s   | Maven dependency ordering for branch                                 |
| +1   | mvninstall   | 17m 18s  | trunk passed   |
| +1   | compile      | 7m 52s   | trunk passed   |
| +1   | checkstyle   | 1m 23s   | trunk passed   |
| +1   | mvnsite      | 3m 48s   | trunk passed   |
| +1   | shadedclient | 16m 14s  | branch has no errors when building and testing our client artifacts. |
| +1   | findbugs     | 6m 10s   | trunk passed   |
| +1   | javadoc      | 2m 57s   | trunk passed   |
|      |              |          | Patch Compile Tests  |
| 0    | mvndep       | 0m 13s   | Maven dependency ordering for patch                                  |
| +1   | mvninstall   | 3m 0s    | the patch passed   |
| +1   | compile      | 8m 7s    | the patch passed   |
| +1   | javac        | 8m 7s    | the patch passed   |
| +1   | checkstyle   | 1m 17s   | the patch passed   |
| +1   | mvnsite      | 3m 30s   | the patch passed   |
| +1   | whitespace   | 0m 0s    | The patch has no whitespace issues.                                  |
| +1   | shadedclient | 11m 2s   | patch has no errors when building and testing our client artifacts.  |
| +1   | findbugs     | 6m 40s   | the patch passed   |
| +1   | javadoc      | 2m 42s   | the patch passed   |
|      |              |          | Other Tests  |
| +1   | unit         | 0m 41s   | hadoop-yarn-api in the patch passed.                                 |
| +1   | unit         | 3m 32s   | hadoop-yarn-common in the patch passed.                              |
| +1   | unit         | 2m 36s   | hadoop-yarn-server-common in the patch passed.                       |
| +1   | unit         | 18m 45s  | hadoop-yarn-server-nodemanager in the patch passed.                  |
| +1   | unit         | 71m 8s   | hadoop-yarn-server-resourcemanager in the patch passed.              |
| +1   | asflicense   | 0m 30s   | The patch does not generate ASF License warnings.                    |
|      |              | 187m 14s |  |

| Subsystem      | Report/Notes  |
|----------------|---|
| Docker         | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:ba1ab08  |
| JIRA Issue     | <a href="#">YARN-8696</a>   |
| JIRA Patch URL | <a href="https://issues.apache.org/jira/secure/attachment/12937465/YARN-8696.v4.patch">https://issues.apache.org/jira/secure/attachment/12937465/YARN-8696.v4.patch</a> |




|                           |   |
|---------------------------|---|
| Optional Tests            | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle   |
| uname                     | Linux a2d8e0f893df 4.4.0-133-generic #159-Ubuntu SMP Fri Aug 10 07:31:43 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux  |
| Build tool                | maven   |
| Personality               | /testptch/patchprocess/precommit/personality/provided.sh  |
| git revision              | trunk / 75691ad   |
| maven                     | version: Apache Maven 3.3.9   |
| Default Java              | 1.8.0_181   |
| findbugs                  | v3.1.0-RC1  |
| Test Results              | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21705/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/21705/testReport/</a>   |
| Max. process+thread count | 904 (vs. ulimit of 10000)   |
| 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-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21705/console">https://builds.apache.org/job/PreCommit-YARN-Build/21705/console</a>   |
| Powered by                | Apache Yetus 0.9.0-SNAPSHOT <a href="http://yetus.apache.org">http://yetus.apache.org</a>   |

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▼  Giovanni Matteo Fumarola added a comment - 18/Sep/18 18:17

Thanks [botong](#) . [YARN-8696.v4.patch](#) looks good.  
Please rebase it.

▼  Hadoop QA added a comment - 18/Sep/18 22:59

 -1 overall

| Vote | Subsystem    | Runtime | Comment  |
|------|--------------|---------|--|
| 0    | reexec       | 0m 15s  | <a href="#">Docker mode activated.</a>                               |
|      |              |         | <b>Prechecks</b>   |
| +1   | @author      | 0m 0s   | The patch does not contain any @author tags.                         |
| +1   | test4tests   | 0m 0s   | The patch appears to include 4 new or modified test files.           |
|      |              |         | <b>trunk Compile Tests</b>   |
| 0    | mvndep       | 1m 7s   | <a href="#">Maven dependency ordering for branch</a>                 |
| +1   | mvninstall   | 19m 37s | trunk passed   |
| +1   | compile      | 9m 28s  | trunk passed   |
| +1   | checkstyle   | 1m 42s  | trunk passed   |
| +1   | mvnsite      | 4m 52s  | trunk passed   |
| +1   | shadedclient | 18m 49s | branch has no errors when building and testing our client artifacts. |
| +1   | findbugs     | 7m 9s   | trunk passed   |
| +1   | javadoc      | 3m 17s  | trunk passed   |
|      |              |         | <b>Patch Compile Tests</b>   |
| 0    | mvndep       | 0m 15s  | <a href="#">Maven dependency ordering for patch</a>                  |
| +1   | mvninstall   | 3m 36s  | the patch passed   |
| +1   | compile      | 8m 54s  | the patch passed   |
| +1   | javac        | 8m 54s  | the patch passed   |

|    |              |          |   |
|----|--------------|----------|---|
| +1 | checkstyle   | 1m 33s   | the patch passed  |
| +1 | mvnsite      | 4m 30s   | the patch passed  |
| +1 | whitespace   | 0m 0s    | The patch has no whitespace issues.                                 |
| +1 | shadedclient | 12m 53s  | patch has no errors when building and testing our client artifacts. |
| +1 | findbugs     | 8m 15s   | the patch passed  |
| +1 | javadoc      | 3m 14s   | the patch passed  |
|    |              |          | <b>Other Tests</b>  |
| +1 | unit         | 0m 52s   | hadoop-yarn-api in the patch passed.                                |
| +1 | unit         | 3m 33s   | hadoop-yarn-common in the patch passed.                             |
| +1 | unit         | 2m 53s   | hadoop-yarn-server-common in the patch passed.                      |
| +1 | unit         | 19m 48s  | hadoop-yarn-server-nodemanager in the patch passed.                 |
| -1 | unit         | 68m 4s   | hadoop-yarn-server-resourcemanager in the patch failed.             |
| +1 | asflicense   | 0m 36s   | The patch does not generate ASF License warnings.                   |
|    |              | 201m 24s |   |

| Reason             | Tests   |
|--------------------|---|
| Failed junit tests | hadoop.yarn.server.resourcemanager.reservation.TestCapacityOverTimePolicy |


| Subsystem                 | Report/Notes  |
|---------------------------|---|
| Docker                    | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:4b8c2b1  |
| JIRA Issue                | <a href="#">YARN-8696</a>   |
| JIRA Patch URL            | <a href="https://issues.apache.org/jira/secure/attachment/12940281/YARN-8696.v5.patch">https://issues.apache.org/jira/secure/attachment/12940281/YARN-8696.v5.patch</a>   |
| Optional Tests            | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle   |
| uname                     | Linux 24daab80dd0c 3.13.0-139-generic #188-Ubuntu SMP Tue Jan 9 14:43:09 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux  |
| Build tool                | maven   |
| Personality               | /testptch/patchprocess/precommit/personality/provided.sh  |
| git revision              | trunk / f938925   |
| maven                     | version: Apache Maven 3.3.9   |
| Default Java              | 1.8.0_181   |
| findbugs                  | v3.1.0-RC1  |
| unit                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21866/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21866/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt</a>                           |
| Test Results              | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21866/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/21866/testReport/</a>   |
| Max. process+thread count | 940 (vs. ulimit of 10000)   |
| 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-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21866/console">https://builds.apache.org/job/PreCommit-YARN-Build/21866/console</a>   |
| Powered by                | Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>  |

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Botong Huang added a comment - 19/Sep/18 19:08

Unit test failure in TestCapacityOverTimePolicy is irrelevant.

▼

 Hadoop QA added a comment - 20/Sep/18 00:42

 -1 overall


| Vote | Subsystem    | Runtime  | Comment  |
|------|--------------|----------|--|
| 0    | reexec       | 0m 17s   | Docker mode activated.   |
|      |              |          | Prechecks  |
| +1   | @author      | 0m 0s    | The patch does not contain any @author tags.                         |
| +1   | test4tests   | 0m 0s    | The patch appears to include 4 new or modified test files.           |
|      |              |          | trunk Compile Tests  |
| 0    | mvndep       | 1m 8s    | Maven dependency ordering for branch                                 |
| +1   | mvninstall   | 22m 24s  | trunk passed   |
| +1   | compile      | 7m 39s   | trunk passed   |
| +1   | checkstyle   | 1m 27s   | trunk passed   |
| +1   | mvnsite      | 3m 44s   | trunk passed   |
| +1   | shadedclient | 16m 31s  | branch has no errors when building and testing our client artifacts. |
| +1   | findbugs     | 6m 1s    | trunk passed   |
| +1   | javadoc      | 3m 0s    | trunk passed   |
|      |              |          | Patch Compile Tests  |
| 0    | mvndep       | 0m 14s   | Maven dependency ordering for patch                                  |
| +1   | mvninstall   | 3m 33s   | the patch passed   |
| +1   | compile      | 7m 55s   | the patch passed   |
| +1   | javac        | 7m 55s   | the patch passed   |
| +1   | checkstyle   | 1m 25s   | the patch passed   |
| +1   | mvnsite      | 3m 37s   | the patch passed   |
| +1   | whitespace   | 0m 0s    | The patch has no whitespace issues.                                  |
| +1   | shadedclient | 12m 33s  | patch has no errors when building and testing our client artifacts.  |
| +1   | findbugs     | 7m 2s    | the patch passed   |
| +1   | javadoc      | 2m 49s   | the patch passed   |
|      |              |          | Other Tests  |
| +1   | unit         | 0m 45s   | hadoop-yarn-api in the patch passed.                                 |
| +1   | unit         | 3m 18s   | hadoop-yarn-common in the patch passed.                              |
| +1   | unit         | 2m 28s   | hadoop-yarn-server-common in the patch passed.                       |
| +1   | unit         | 18m 55s  | hadoop-yarn-server-nodemanager in the patch passed.                  |
| -1   | unit         | 67m 51s  | hadoop-yarn-server-resourcemanager in the patch failed.              |
| +1   | asflicense   | 0m 35s   | The patch does not generate ASF License warnings.                    |
|      |              | 192m 24s |  |

| Reason             | Tests   |
|--------------------|---|
| Failed junit tests | hadoop.yarn.server.resourcemanager.reservation.TestCapacityOverTimePolicy |

| Subsystem | Report/Notes |
|-----------|--------------|
|-----------|--------------|

|                           |   |
|---------------------------|---|
| Docker                    | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:4b8c2b1  |
| JIRA Issue                | <a href="#">YARN-8696</a>   |
| JIRA Patch URL            | <a href="https://issues.apache.org/jira/secure/attachment/12940505/YARN-8696.v6.patch">https://issues.apache.org/jira/secure/attachment/12940505/YARN-8696.v6.patch</a>   |
| Optional Tests            | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle   |
| uname                     | Linux 2ffc77f63306 3.13.0-139-generic #188-Ubuntu SMP Tue Jan 9 14:43:09 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux  |
| Build tool                | maven   |
| Personality               | /testptch/patchprocess/precommit/personality/provided.sh  |
| git revision              | trunk / 2eb597b   |
| maven                     | version: Apache Maven 3.3.9   |
| Default Java              | 1.8.0_181   |
| findbugs                  | v3.1.0-RC1  |
| unit                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21890/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21890/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt</a>                           |
| Test Results              | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21890/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/21890/testReport/</a>   |
| Max. process+thread count | 841 (vs. ulimit of 10000)   |
| 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-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21890/console">https://builds.apache.org/job/PreCommit-YARN-Build/21890/console</a>   |
| Powered by                | Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>  |

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▼  **Hadoop QA** added a comment - 21/Sep/18 22:12


 **-1 overall**

| Vote | Subsystem  | Runtime | Comment  |
|------|------------|---------|--|
| 0    | reexec     | 0m 25s  | <a href="#">Docker mode activated.</a>                     |
|      |            |         | <b>Prechecks</b>   |
| 0    | findbugs   | 0m 0s   | Findbugs executables are not available.                    |
| +1   | @author    | 0m 0s   | The patch does not contain any @author tags.               |
| +1   | test4tests | 0m 0s   | The patch appears to include 4 new or modified test files. |
|      |            |         | <b>branch-2 Compile Tests</b>                              |
| 0    | mvndep     | 0m 27s  | <a href="#">Maven dependency ordering for branch</a>       |
| +1   | mvninstall | 14m 17s | branch-2 passed  |
| +1   | compile    | 7m 12s  | branch-2 passed  |
| +1   | checkstyle | 1m 0s   | branch-2 passed  |
| +1   | mvnsite    | 6m 34s  | branch-2 passed  |
| +1   | javadoc    | 4m 26s  | branch-2 passed  |
|      |            |         | <b>Patch Compile Tests</b>                                 |
| 0    | mvndep     | 0m 14s  | <a href="#">Maven dependency ordering for patch</a>        |
| +1   | mvninstall | 5m 36s  | the patch passed   |
| +1   | compile    | 6m 42s  | the patch passed   |
| +1   | javac      | 6m 42s  | the patch passed   |

|             |            |          |  |
|-------------|------------|----------|--|
| +1          | checkstyle | 0m 56s   | hadoop-yarn-project/hadoop-yarn: The patch generated 0 new + 232 unchanged - 2 fixed = 232 total (was 234) |
| +1          | mvnsite    | 6m 23s   | the patch passed   |
| +1          | whitespace | 0m 0s    | The patch has no whitespace issues.  |
| +1          | javadoc    | 4m 1s    | the patch passed   |
| Other Tests |            |          |  |
| +1          | unit       | 0m 42s   | hadoop-yarn-api in the patch passed.   |
| +1          | unit       | 3m 36s   | hadoop-yarn-common in the patch passed.  |
| -1          | unit       | 79m 39s  | hadoop-yarn-server in the patch failed.  |
| +1          | unit       | 2m 52s   | hadoop-yarn-server-common in the patch passed.   |
| +1          | unit       | 16m 8s   | hadoop-yarn-server-nodemanager in the patch passed.  |
| +1          | unit       | 70m 9s   | hadoop-yarn-server-resourcemanager in the patch passed.  |
| -1          | asflicense | 0m 40s   | The patch generated 1 ASF License warnings.  |
|             |            | 233m 51s |  |

| Subsystem                 | Report/Notes   |
|---------------------------|--|
| Docker                    | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:a716388   |
| JIRA Issue                | <a href="#">YARN-8696</a>  |
| JIRA Patch URL            | <a href="https://issues.apache.org/jira/secure/attachment/12940811/YARN-8696-branch-2.v6.patch">https://issues.apache.org/jira/secure/attachment/12940811/YARN-8696-branch-2.v6.patch</a>  |
| Optional Tests            | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle  |
| uname                     | Linux 840a61e355de 4.4.0-133-generic #159-Ubuntu SMP Fri Aug 10 07:31:43 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux   |
| Build tool                | maven  |
| Personality               | /testptch/patchprocess/precommit/personality/provided.sh   |
| git revision              | branch-2 / 6056597   |
| maven                     | version: Apache Maven 3.3.9 (bb52d8502b132ec0a5a3f4c09453c07478323dc5; 2015-11-10T16:41:47+00:00)  |
| Default Java              | 1.7.0_181  |
| unit                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21930/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21930/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server.txt</a>  |
| Test Results              | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21930/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/21930/testReport/</a>  |
| asflicense                | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21930/artifact/out/patch-asflicense-problems.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21930/artifact/out/patch-asflicense-problems.txt</a>  |
| Max. process+thread count | 849 (vs. ulimit of 10000)  |
| 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-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21930/console">https://builds.apache.org/job/PreCommit-YARN-Build/21930/console</a>  |
| Powered by                | Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>   |

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▼  Hadoop QA added a comment - 22/Sep/18 03:42


 -1 overall

| Vote | Subsystem  | Runtime  | Comment  |
|------|------------|----------|--|
| 0    | reexec     | 0m 24s   | Docker mode activated.   |
|      |            |          | <b>Prechecks</b>   |
| 0    | findbugs   | 0m 0s    | Findbugs executables are not available.  |
| +1   | @author    | 0m 0s    | The patch does not contain any @author tags.   |
| +1   | test4tests | 0m 0s    | The patch appears to include 4 new or modified test files.   |
|      |            |          | <b>branch-2 Compile Tests</b>  |
| 0    | mvndep     | 0m 28s   | Maven dependency ordering for branch   |
| +1   | mvninstall | 14m 58s  | branch-2 passed  |
| +1   | compile    | 7m 37s   | branch-2 passed  |
| +1   | checkstyle | 1m 3s    | branch-2 passed  |
| +1   | mvnsite    | 6m 40s   | branch-2 passed  |
| +1   | javadoc    | 4m 22s   | branch-2 passed  |
|      |            |          | <b>Patch Compile Tests</b>   |
| 0    | mvndep     | 0m 12s   | Maven dependency ordering for patch  |
| +1   | mvninstall | 5m 38s   | the patch passed   |
| +1   | compile    | 6m 50s   | the patch passed   |
| +1   | javac      | 6m 50s   | the patch passed   |
| +1   | checkstyle | 0m 54s   | hadoop-yarn-project/hadoop-yarn: The patch generated 0 new + 232 unchanged - 2 fixed = 232 total (was 234) |
| +1   | mvnsite    | 6m 22s   | the patch passed   |
| +1   | whitespace | 0m 0s    | The patch has no whitespace issues.  |
| +1   | javadoc    | 4m 6s    | the patch passed   |
|      |            |          | <b>Other Tests</b>   |
| +1   | unit       | 0m 41s   | hadoop-yarn-api in the patch passed.   |
| +1   | unit       | 3m 18s   | hadoop-yarn-common in the patch passed.  |
| -1   | unit       | 81m 33s  | hadoop-yarn-server in the patch failed.  |
| +1   | unit       | 2m 32s   | hadoop-yarn-server-common in the patch passed.   |
| +1   | unit       | 15m 7s   | hadoop-yarn-server-nodemanager in the patch passed.  |
| +1   | unit       | 67m 56s  | hadoop-yarn-server-resourcemanager in the patch passed.  |
| -1   | asflicense | 0m 41s   | The patch generated 1 ASF License warnings.  |
|      |            | 233m 13s |  |

| Subsystem      | Report/Notes  |
|----------------|---|
| Docker         | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:a716388  |
| JIRA Issue     | <a href="#">YARN-8696</a>   |
| JIRA Patch URL | <a href="https://issues.apache.org/jira/secure/attachment/12940811/YARN-8696-branch-2.v6.patch">https://issues.apache.org/jira/secure/attachment/12940811/YARN-8696-branch-2.v6.patch</a> |
| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle   |
| uname          | Linux 06937e493097 3.13.0-144-generic #193-Ubuntu SMP Thu Mar 15 17:03:53 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux   |
| Build tool     | maven   |
| Personality    | /testptch/patchprocess/precommit/personality/provided.sh  |
| git revision   | branch-2 / 6056597  |
| maven          | version: Apache Maven 3.3.9 (bb52d8502b132ec0a5a3f4c09453c07478323dc5; 2015-11-10T16:41:47+00:00)   |
| Default Java   | 1.7.0_181   |

|                                 |  |
|---------------------------------|--|
| unit                            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21940/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21940/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server.txt</a>  |
| Test Results                    | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21940/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/21940/testReport/</a>  |
| asflicense                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21940/artifact/out/patch-asflicense-problems.txt">https://builds.apache.org/job/PreCommit-YARN-Build/21940/artifact/out/patch-asflicense-problems.txt</a>  |
| Max.<br>process+thread<br>count | 872 (vs. ulimit of 10000)  |
| 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-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output                  | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21940/console">https://builds.apache.org/job/PreCommit-YARN-Build/21940/console</a>  |
| Powered by                      | Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>   |

This message was automatically generated.

▼  Hadoop QA added a comment - 22/Sep/18 17:43


 +1 overall

| Vote                          | Subsystem  | Runtime | Comment  |
|-------------------------------|------------|---------|--|
| 0                             | reexec     | 0m 44s  | Docker mode activated.   |
| <b>Prechecks</b>              |            |         |  |
| 0                             | findbugs   | 0m 0s   | Findbugs executables are not available.  |
| +1                            | @author    | 0m 0s   | The patch does not contain any @author tags.   |
| +1                            | test4tests | 0m 0s   | The patch appears to include 4 new or modified test files.   |
| <b>branch-2 Compile Tests</b> |            |         |  |
| 0                             | mvndep     | 0m 30s  | Maven dependency ordering for branch   |
| +1                            | mvninstall | 11m 9s  | branch-2 passed  |
| +1                            | compile    | 9m 35s  | branch-2 passed  |
| +1                            | checkstyle | 1m 4s   | branch-2 passed  |
| +1                            | mvnsite    | 3m 41s  | branch-2 passed  |
| +1                            | javadoc    | 3m 6s   | branch-2 passed  |
| <b>Patch Compile Tests</b>    |            |         |  |
| 0                             | mvndep     | 0m 14s  | Maven dependency ordering for patch  |
| +1                            | mvninstall | 2m 58s  | the patch passed   |
| +1                            | compile    | 8m 42s  | the patch passed   |
| +1                            | javac      | 8m 42s  | the patch passed   |
| +1                            | checkstyle | 0m 55s  | hadoop-yarn-project/hadoop-yarn: The patch generated 0 new + 232 unchanged - 2 fixed = 232 total (was 234) |
| +1                            | mvnsite    | 3m 23s  | the patch passed   |
| +1                            | whitespace | 0m 0s   | The patch has no whitespace issues.  |
| +1                            | javadoc    | 2m 48s  | the patch passed   |
| <b>Other Tests</b>            |            |         |  |
| +1                            | unit       | 0m 42s  | hadoop-yarn-api in the patch passed.   |
| +1                            | unit       | 3m 37s  | hadoop-yarn-common in the patch passed.  |
| +1                            | unit       | 2m 46s  | hadoop-yarn-server-common in the patch passed.   |
| +1                            | unit       | 15m 41s | hadoop-yarn-server-nodemanager in the patch passed.  |

|    |            |          |   |
|----|------------|----------|---|
| +1 | unit       | 68m 52s  | hadoop-yarn-server-resourcemanager in the patch passed. |
| +1 | asflicense | 0m 40s   | The patch does not generate ASF License warnings.       |
|    |            | 143m 21s |   |


| Subsystem                 | Report/Notes  |
|---------------------------|---|
| Docker                    | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:a716388  |
| JIRA Issue                | <a href="#">YARN-8696</a>   |
| JIRA Patch URL            | <a href="https://issues.apache.org/jira/secure/attachment/12940913/YARN-8696-branch-2.v6.patch">https://issues.apache.org/jira/secure/attachment/12940913/YARN-8696-branch-2.v6.patch</a>   |
| Optional Tests            | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle   |
| uname                     | Linux 1e6cd07fa9bf 4.4.0-133-generic #159-Ubuntu SMP Fri Aug 10 07:31:43 UTC 2018 x86_64 x86_64 GNU/Linux   |
| Build tool                | maven   |
| Personality               | /testptch/patchprocess/precommit/personality/provided.sh  |
| git revision              | branch-2 / 6056597  |
| maven                     | version: Apache Maven 3.3.9 (bb52d8502b132ec0a5a3f4c09453c07478323dc5; 2015-11-10T16:41:47+00:00)   |
| Default Java              | 1.7.0_181   |
| Test Results              | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21943/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/21943/testReport/</a>   |
| Max. process+thread count | 874 (vs. ulimit of 10000)   |
| 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-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/21943/console">https://builds.apache.org/job/PreCommit-YARN-Build/21943/console</a>   |
| Powered by                | Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>  |

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▼  [Giovanni Matteo Fumarola](#) added a comment - 24/Sep/18 18:42

Thanks [botong](#) for the patch.

Committed [YARN-8696.v6.patch](#) to trunk and [YARN-8696-branch-2.v6.patch](#) to branch-2.

▼  [Hudson](#) added a comment - 24/Sep/18 19:01

SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #15042 (See <https://builds.apache.org/job/Hadoop-trunk-Commit/15042/>)

[YARN-8696](#). [AMRMPProxy] FederationInterceptor upgrade: home sub-cluster (gifuma: rev 3090922805699b8374a359e92323884a4177dc4e)

- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-common/src/main/java/org/apache/hadoop/yarn/server/uam/UnmanagedAMPoolManager.java
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-common/src/main/java/org/apache/hadoop/yarn/server/AMHeartbeatRequestHandler.java
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/java/org/apache/hadoop/yarn/conf/YarnConfiguration.java
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/test/java/org/apache/hadoop/yarn/server/nodemanager/amrmproxy/TestFederationInterceptor.java
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/ApplicationMasterService.java
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-common/src/main/java/org/apache/hadoop/yarn/server/uam/UnmanagedApplicationManager.java
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/main/java/org/apache/hadoop/yarn/client/AMRMClientUtils.java



- (edit) `hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/amrmproxy/FederationInterceptor.java`
- (edit) `hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/test/java/org/apache/hadoop/yarn/server/nodemanager/amrmproxy/TestableFederationInterceptor.java`
- (edit) `hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/test/java/org/apache/hadoop/yarn/conf/TestYarnConfigurationFields.java`
- (edit) `hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-common/src/test/java/org/apache/hadoop/yarn/server/MockResourceManagerFacade.java`
- (edit) `hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-common/src/main/java/org/apache/hadoop/yarn/server/federation/utils/FederationRegistryClient.java`

Botong Huang added a comment - 27/Sep/18 17:07

Thanks [giovanni.fumarola](#) for the review and commit!

People

Assignee:

Botong Huang

Reporter:

Botong Huang

Votes:

0 Vote for this issue

Watchers:

7 Start watching this issue

Dates

Created:

21/Aug/18 21:24

Updated:

15/Oct/18 16:45

Resolved:

24/Sep/18 18:42