



Create separate configuration for max global AM attempts

Details

Type:	Improvement	Status:	RESOLVED
Priority:	Major	Resolution:	Fixed
Affects Version/s:	None	Fix Version/s:	3.3.0, 3.2.2, 3.1.4, 2.10.1, 3.4.0
Component/s:	None		
Labels:	None		

Description

Right now user's default max AM attempts is set to the same as global max AM attempts:

```
int globalMaxAppAttempts = conf.getInt(YarnConfiguration.RM_AM_MAX_ATTEMPTS,
    YarnConfiguration.DEFAULT_RM_AM_MAX_ATTEMPTS);
```

If we want to increase global max AM attempts, it will also increase the default. So we should create a separate global AM max attempts config to separate the two.

Attachments

YARN-10212.001.patch	7 kB	04/Apr/20 16:47
YARN-10212.002.patch	10 kB	08/Apr/20 09:26
YARN-10212.003.patch	12 kB	08/Apr/20 13:55
YARN-10212.004.patch	12 kB	09/Apr/20 07:54


Activity

- Jonathan Hung added a comment - 30/Mar/20 20:14
- Hey BilwaST, do you plan to take on this task?
- Bilwa S T added a comment - 31/Mar/20 05:02
- Hi jhung , Yes i want to work on this.
- Bilwa S T added a comment - 03/Apr/20 18:51
- Hi jhung
1. individualMaxAppAttempts is value set by user on client side in ApplicationSubmissionContext
2. maxAppAttempts is set to globalMaxAttempts only if individualMaxAppAttempts is greater than globalMaxAttempts
- what do u mean by user's default max AM attempts here?
- Jonathan Hung added a comment - 03/Apr/20 19:33 - edited
- BilwaST user's default max AM attempts is how many AM attempts they get if they don't set individualMaxAppAttempts on client side.
- I am proposing adding a new configuration like GLOBAL_RM_AM_MAX_ATTEMPTS, and changing the code snippet above to something like:
- int globalMaxAppAttempts = conf.getInt(YarnConfiguration.GLOBAL_RM_AM_MAX_ATTEMPTS, conf.getInt(YarnConfiguration.RM_AM_MA
- If GLOBAL_RM_AM_MAX_ATTEMPTS is unset, it will fall back to current behavior. But if GLOBAL_RM_AM_MAX_ATTEMPTS is set to something higher than RM_AM_MAX_ATTEMPTS, then if user does not set individualMaxAppAttempts on client side, their app's

number of attempts will still use RM_AM_MAX_ATTEMPTS, but user can set individualMaxAppAttempts to
 RM_AM_MAX_ATTEMPTS < individualMaxAppAttempts <= GLOBAL_RM_AM_MAX_ATTEMPTS if they like.


▼  Bilwa S T added a comment - 04/Apr/20 05:50

jhung Thanks for explanation. I have a doubt . I dont see any usages of globalMaxAppAttempts. What is the point of adding new config??


▼  Jonathan Hung added a comment - 04/Apr/20 06:16

BilwaST it's used in RMApplmpl when validating user's desired max app attempts:

```
if (individualMaxAppAttempts <= 0 ||
    individualMaxAppAttempts > globalMaxAppAttempts) {
    this.maxAppAttempts = globalMaxAppAttempts;
    LOG.warn("The specific max attempts: " + individualMaxAppAttempts
        + " for application: " + applicationId.getId()
        + " is invalid, because it is out of the range [1, "
        + globalMaxAppAttempts + "]. Use the global max attempts instead.");
} else {
    this.maxAppAttempts = individualMaxAppAttempts;
}
```

▼  Bilwa S T added a comment - 04/Apr/20 16:48

jhung I have uploaded patch. Please review

▼  Hadoop QA added a comment - 04/Apr/20 19:45

 -1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	2m 36s	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 1 new or modified test files.
trunk Compile Tests			
0	mvndep	0m 13s	Maven dependency ordering for branch
+1	mvninstall	19m 48s	trunk passed
+1	compile	7m 29s	trunk passed
+1	checkstyle	1m 22s	trunk passed
+1	mvnsite	1m 39s	trunk passed
+1	shadedclient	17m 39s	branch has no errors when building and testing our client artifacts.
+1	findbugs	3m 28s	trunk passed
+1	javadoc	1m 10s	trunk passed
Patch Compile Tests			
0	mvndep	0m 15s	Maven dependency ordering for patch
+1	mvninstall	1m 17s	the patch passed
+1	compile	6m 51s	the patch passed
+1	javac	6m 51s	the patch passed
-0	checkstyle	1m 20s	hadoop-yarn-project/hadoop-yarn: The patch generated 1 new + 393 unchanged - 1 fixed = 394 total (was 394)
+1	mvnsite	1m 33s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	shadedclient	14m 22s	patch has no errors when building and testing our client artifacts.

+1	findbugs	3m 42s	the patch passed
+1	javadoc	1m 8s	the patch passed
			Other Tests
-1	unit	0m 53s	hadoop-yarn-api in the patch passed.
-1	unit	88m 33s	hadoop-yarn-server-resourcemanager in the patch passed.
+1	asflicense	0m 39s	The patch does not generate ASF License warnings.
		175m 13s	

Reason	Tests
Failed junit tests	hadoop.yarn.conf.TestYarnConfigurationFields
	hadoop.yarn.server.resourcemanager.scheduler.capacity.TestCapacityScheduler

Subsystem	Report/Notes
Docker	Client=19.03.8 Server=19.03.8 Image:yetus/hadoop:e6455cc864d
JIRA Issue	YARN-10212
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12998842/YARN-10212.001.patch
Optional Tests	dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle
uname	Linux e92d4c64b56c 4.15.0-74-generic #84-Ubuntu SMP Thu Dec 19 08:06:28 UTC 2019 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/patchprocess/precommit/personality/provided.sh
git revision	trunk / e6455cc
maven	version: Apache Maven 3.3.9
Default Java	1.8.0_242
findbugs	v3.1.0-RC1
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/25812/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt
unit	https://builds.apache.org/job/PreCommit-YARN-Build/25812/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-api.txt
unit	https://builds.apache.org/job/PreCommit-YARN-Build/25812/artifact/out/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt
Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/25812/testReport/
Max. process+thread count	826 (vs. ulimit of 5500)
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/25812/console
Powered by	Apache Yetus 0.8.0 http://yetus.apache.org

This message was automatically generated.

Jonathan Hung added a comment - 07/Apr/20 19:27

Thanks BilwaST. A few comments:

- The javadoc for RM_AM_MAX_ATTEMPTS, can we change it to something like "The maximum number of application attempts for an application, if unset by the user"

- Can we change the new config to at least have "am"? e.g. yarn.resourcemanager.global.max-attempts to yarn.resourcemanager.am.global-max-attempts?
- In ResourceManager.java I think we should validate both RM_AM_MAX_ATTEMPTS and GLOBAL_RM_AM_MAX_ATTEMPTS (and change the message in the RuntimeExceptions accordingly)
- In RMAppImpl, we need to split this case into two:

```
if (individualMaxAppAttempts <= 0 ||
    individualMaxAppAttempts > globalMaxAppAttempts) {
    this.maxAppAttempts = globalMaxAppAttempts;
```

If individualMaxAppAttempts <= 0, set this.maxAppAttempts to RM_AM_MAX_ATTEMPTS. If individualMaxAppAttempts > globalMaxAppAttempts, set this.maxAppAttempts to globalMaxAppAttempts

- In the test case:

```
int[] rmAmMaxAttempts = new int[] { 8, 0 };
```


I don't think 0 is a valid config for RM_AM_MAX_ATTEMPTS, can we set this to { 8, 1 }?

- Based on the above changes we will need to change the expected values in the test case from


```
int[][] expectedNums = new int[][]{
    new int[]{ 9, 10, 10, 10 },
```

to

- ```
int[][] expectedNums = new int[][]{
 new int[]{ 9, 10, 10, 8 },
```

▼  Bilwa S T added a comment - 08/Apr/20 09:27

Thanks [jhung](#) for review comments. I have handled all comments. Please review

▼  Hadoop QA added a comment - 08/Apr/20 12:54

 -1 overall


| Vote | Subsystem    | Runtime | Comment                                                              |
|------|--------------|---------|----------------------------------------------------------------------|
| 0    | reexec       | 24m 30s | 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 1 new or modified test files.           |
|      |              |         | <b>trunk Compile Tests</b>                                           |
| 0    | mvndep       | 0m 19s  | Maven dependency ordering for branch                                 |
| +1   | mvninstall   | 18m 11s | trunk passed                                                         |
| +1   | compile      | 7m 5s   | trunk passed                                                         |
| +1   | checkstyle   | 1m 28s  | trunk passed                                                         |
| +1   | mvnsite      | 2m 44s  | trunk passed                                                         |
| +1   | shadedclient | 17m 39s | branch has no errors when building and testing our client artifacts. |
| +1   | findbugs     | 5m 15s  | trunk passed                                                         |
| +1   | javadoc      | 2m 19s  | trunk passed                                                         |
|      |              |         | <b>Patch Compile Tests</b>                                           |
| 0    | mvndep       | 0m 17s  | Maven dependency ordering for patch                                  |
| +1   | mvninstall   | 1m 53s  | the patch passed                                                     |
| +1   | compile      | 6m 20s  | the patch passed                                                     |
| +1   | javac        | 6m 20s  | the patch passed                                                     |

|    |              |          |                                                                                                            |
|----|--------------|----------|------------------------------------------------------------------------------------------------------------|
| -0 | checkstyle   | 1m 24s   | hadoop-yarn-project/hadoop-yarn: The patch generated 2 new + 392 unchanged - 2 fixed = 394 total (was 394) |
| +1 | mvnsite      | 2m 33s   | the patch passed                                                                                           |
| +1 | whitespace   | 0m 0s    | The patch has no whitespace issues.                                                                        |
| +1 | xml          | 0m 1s    | The patch has no ill-formed XML file.                                                                      |
| +1 | shadedclient | 13m 13s  | patch has no errors when building and testing our client artifacts.                                        |
| +1 | findbugs     | 5m 35s   | the patch passed                                                                                           |
| +1 | javadoc      | 2m 14s   | the patch passed                                                                                           |
|    |              |          | <b>Other Tests</b>                                                                                         |
| +1 | unit         | 0m 59s   | hadoop-yarn-api in the patch passed.                                                                       |
| +1 | unit         | 4m 0s    | hadoop-yarn-common in the patch passed.                                                                    |
| -1 | unit         | 85m 31s  | hadoop-yarn-server-resourcemanager in the patch passed.                                                    |
| +1 | asflicense   | 0m 45s   | The patch does not generate ASF License warnings.                                                          |
|    |              | 202m 59s |                                                                                                            |


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

| Subsystem                 | Report/Notes                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Docker                    | Client=19.03.8 Server=19.03.8 Image:yetus/hadoop:e6455cc864d                                                                                                                                                                                                                                                                                                        |
| JIRA Issue                | <a href="#">YARN-10212</a>                                                                                                                                                                                                                                                                                                                                          |
| JIRA Patch URL            | <a href="https://issues.apache.org/jira/secure/attachment/12999307/YARN-10212.002.patch">https://issues.apache.org/jira/secure/attachment/12999307/YARN-10212.002.patch</a>                                                                                                                                                                                         |
| Optional Tests            | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle xml                                                                                                                                                                                                                                                               |
| uname                     | Linux 9ee5a6633824 4.15.0-60-generic #67-Ubuntu SMP Thu Aug 22 16:55:30 UTC 2019 x86_64 x86_64 GNU/Linux                                                                                                                                                                                                                                                            |
| Build tool                | maven                                                                                                                                                                                                                                                                                                                                                               |
| Personality               | /testptch/patchprocess/precommit/personality/provided.sh                                                                                                                                                                                                                                                                                                            |
| git revision              | trunk / 2214005                                                                                                                                                                                                                                                                                                                                                     |
| maven                     | version: Apache Maven 3.3.9                                                                                                                                                                                                                                                                                                                                         |
| Default Java              | 1.8.0_242                                                                                                                                                                                                                                                                                                                                                           |
| findbugs                  | v3.1.0-RC1                                                                                                                                                                                                                                                                                                                                                          |
| checkstyle                | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/25823/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt">https://builds.apache.org/job/PreCommit-YARN-Build/25823/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt</a>                                                                                                   |
| unit                      | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/25823/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/25823/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/25823/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/25823/testReport/</a>                                                                                                                                                                                                             |
| Max. process+thread count | 863 (vs. ulimit of 5500)                                                                                                                                                                                                                                                                                                                                            |
| 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-resourcemanager U: hadoop-yarn-project/hadoop-yarn                                                                                                                                      |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/25823/console">https://builds.apache.org/job/PreCommit-YARN-Build/25823/console</a>                                                                                                                                                                                                                     |
| Powered by                | Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>                                                                                                                                                                                                                                                                                    |

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▼  Bilwa S T added a comment - 08/Apr/20 13:56

jhung Corrected testcases in 003 patch.

▼  Hadoop QA added a comment - 08/Apr/20 17:17

 +1 overall

| Vote                | Subsystem    | Runtime  | Comment                                                                                                    |
|---------------------|--------------|----------|------------------------------------------------------------------------------------------------------------|
| 0                   | reexec       | 0m 37s   | 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 2 new or modified test files.                                                 |
| trunk Compile Tests |              |          |                                                                                                            |
| 0                   | mvndep       | 0m 38s   | Maven dependency ordering for branch                                                                       |
| +1                  | mvninstall   | 21m 46s  | trunk passed                                                                                               |
| +1                  | compile      | 8m 17s   | trunk passed                                                                                               |
| +1                  | checkstyle   | 1m 31s   | trunk passed                                                                                               |
| +1                  | mvnsite      | 2m 40s   | trunk passed                                                                                               |
| +1                  | shadedclient | 19m 12s  | branch has no errors when building and testing our client artifacts.                                       |
| +1                  | findbugs     | 5m 57s   | trunk passed                                                                                               |
| +1                  | javadoc      | 2m 7s    | trunk passed                                                                                               |
| Patch Compile Tests |              |          |                                                                                                            |
| 0                   | mvndep       | 0m 14s   | Maven dependency ordering for patch                                                                        |
| +1                  | mvninstall   | 2m 9s    | the patch passed                                                                                           |
| +1                  | compile      | 7m 28s   | the patch passed                                                                                           |
| +1                  | javac        | 7m 28s   | the patch passed                                                                                           |
| -0                  | checkstyle   | 1m 29s   | hadoop-yarn-project/hadoop-yarn: The patch generated 3 new + 408 unchanged - 2 fixed = 411 total (was 410) |
| +1                  | mvnsite      | 2m 33s   | the patch passed                                                                                           |
| +1                  | whitespace   | 0m 0s    | The patch has no whitespace issues.                                                                        |
| +1                  | xml          | 0m 1s    | The patch has no ill-formed XML file.                                                                      |
| +1                  | shadedclient | 14m 55s  | patch has no errors when building and testing our client artifacts.                                        |
| +1                  | findbugs     | 6m 16s   | the patch passed                                                                                           |
| +1                  | javadoc      | 2m 3s    | the patch passed                                                                                           |
| Other Tests         |              |          |                                                                                                            |
| +1                  | unit         | 0m 57s   | hadoop-yarn-api in the patch passed.                                                                       |
| +1                  | unit         | 4m 1s    | hadoop-yarn-common in the patch passed.                                                                    |
| +1                  | unit         | 93m 4s   | hadoop-yarn-server-resourcemanager in the patch passed.                                                    |
| +1                  | asflicense   | 0m 42s   | The patch does not generate ASF License warnings.                                                          |
|                     |              | 196m 58s |                                                                                                            |

| Subsystem      | Report/Notes                                                                                                                                                                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Docker         | Client=19.03.8 Server=19.03.8 Image=yetus/hadoop:e6455cc864d                                                                                                                |
| JIRA Issue     | <a href="#">YARN-10212</a>                                                                                                                                                  |
| JIRA Patch URL | <a href="https://issues.apache.org/jira/secure/attachment/12999329/YARN-10212.003.patch">https://issues.apache.org/jira/secure/attachment/12999329/YARN-10212.003.patch</a> |

|                           |                                                                                                                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Optional Tests            | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle xml                                                                                                                                                             |
| uname                     | Linux cf71e5178e52 4.15.0-74-generic #84-Ubuntu SMP Thu Dec 19 08:06:28 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux                                                                                                                                                   |
| Build tool                | maven                                                                                                                                                                                                                                                             |
| Personality               | /testptch/patchprocess/precommit/personality/provided.sh                                                                                                                                                                                                          |
| git revision              | trunk / 1189af4                                                                                                                                                                                                                                                   |
| maven                     | version: Apache Maven 3.3.9                                                                                                                                                                                                                                       |
| Default Java              | 1.8.0_242                                                                                                                                                                                                                                                         |
| findbugs                  | v3.1.0-RC1                                                                                                                                                                                                                                                        |
| checkstyle                | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/25828/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt">https://builds.apache.org/job/PreCommit-YARN-Build/25828/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt</a> |
| Test Results              | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/25828/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/25828/testReport/</a>                                                                                                           |
| Max. process+thread count | 839 (vs. ulimit of 5500)                                                                                                                                                                                                                                          |
| 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-resourcemanager U: hadoop-yarn-project/hadoop-yarn                                    |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/25828/console">https://builds.apache.org/job/PreCommit-YARN-Build/25828/console</a>                                                                                                                   |
| Powered by                | Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>                                                                                                                                                                                  |

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Jonathan Hung added a comment - 08/Apr/20 18:55 - edited

Thanks BilwaST, in general looks good, some minor style issues:

- In TestResourceManager.java, can we change fail("Exception is expected because the global max attempts" + to fail("Exception is expected because AM max attempts" +
- In YarnConfiguration.java: \* an application,if unset by user. -> can we add a space after the comma
- In yarn-default.xml, for the comment for yarn.resourcemanager.am.max-attempts:
- <description>The maximum number of application attempts. Each application master can specify its individual maximum number of application attempts via the API, but the individual number cannot be more than the global upper bound.This value is being set only if global max attempts is unset. The default number is set to 2, to

can we change this to

- <description>The default maximum number of application attempts, if unset by the user. Each application master can specify its individual maximum number of application attempts via the API, but the individual number cannot be more than the global upper bound in yarn.resourcemanager.am.global.max-attempts. The default number is set to 2, to

Bilwa S T added a comment - 09/Apr/20 07:56

Thanks jhung for comments. I have handled all comments. Please review

Hadoop QA added a comment - 09/Apr/20 11:42

+1 overall

| Vote | Subsystem  | Runtime | Comment                                                    |
|------|------------|---------|------------------------------------------------------------|
| 0    | reexec     | 0m 44s  | 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 2 new or modified test files. |

|    |              |          | trunk Compile Tests                                                                                        |
|----|--------------|----------|------------------------------------------------------------------------------------------------------------|
| 0  | mvndep       | 0m 38s   | Maven dependency ordering for branch                                                                       |
| +1 | mvninstall   | 23m 7s   | trunk passed                                                                                               |
| +1 | compile      | 8m 56s   | trunk passed                                                                                               |
| +1 | checkstyle   | 1m 38s   | trunk passed                                                                                               |
| +1 | mvnsite      | 2m 46s   | trunk passed                                                                                               |
| +1 | shadedclient | 21m 23s  | branch has no errors when building and testing our client artifacts.                                       |
| +1 | findbugs     | 7m 57s   | trunk passed                                                                                               |
| +1 | javadoc      | 2m 39s   | trunk passed                                                                                               |
|    |              |          | Patch Compile Tests                                                                                        |
| 0  | mvndep       | 0m 21s   | Maven dependency ordering for patch                                                                        |
| +1 | mvninstall   | 2m 55s   | the patch passed                                                                                           |
| +1 | compile      | 10m 33s  | the patch passed                                                                                           |
| +1 | javac        | 10m 33s  | the patch passed                                                                                           |
| -0 | checkstyle   | 1m 54s   | hadoop-yarn-project/hadoop-yarn: The patch generated 3 new + 408 unchanged - 2 fixed = 411 total (was 410) |
| +1 | mvnsite      | 3m 19s   | the patch passed                                                                                           |
| +1 | whitespace   | 0m 0s    | The patch has no whitespace issues.                                                                        |
| +1 | xml          | 0m 3s    | The patch has no ill-formed XML file.                                                                      |
| +1 | shadedclient | 17m 19s  | patch has no errors when building and testing our client artifacts.                                        |
| +1 | findbugs     | 7m 55s   | the patch passed                                                                                           |
| +1 | javadoc      | 2m 46s   | the patch passed                                                                                           |
|    |              |          | Other Tests                                                                                                |
| +1 | unit         | 1m 15s   | hadoop-yarn-api in the patch passed.                                                                       |
| +1 | unit         | 5m 0s    | hadoop-yarn-common in the patch passed.                                                                    |
| +1 | unit         | 98m 26s  | hadoop-yarn-server-resourcemanager in the patch passed.                                                    |
| +1 | asflicense   | 1m 6s    | The patch does not generate ASF License warnings.                                                          |
|    |              | 221m 28s |                                                                                                            |

| Subsystem      | Report/Notes                                                                                                                                                                                                                                                      |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Docker         | Client=19.03.8 Server=19.03.8 Image=yetus/hadoop:e6455cc864d                                                                                                                                                                                                      |
| JIRA Issue     | <a href="#">YARN-10212</a>                                                                                                                                                                                                                                        |
| JIRA Patch URL | <a href="https://issues.apache.org/jira/secure/attachment/12999403/YARN-10212.004.patch">https://issues.apache.org/jira/secure/attachment/12999403/YARN-10212.004.patch</a>                                                                                       |
| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle xml                                                                                                                                                             |
| uname          | Linux e42657a72371 4.15.0-74-generic #84-Ubuntu SMP Thu Dec 19 08:06:28 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux                                                                                                                                                   |
| Build tool     | maven                                                                                                                                                                                                                                                             |
| Personality    | /testptch/patchprocess/precommit/personality/provided.sh                                                                                                                                                                                                          |
| git revision   | trunk / e53d472                                                                                                                                                                                                                                                   |
| maven          | version: Apache Maven 3.3.9                                                                                                                                                                                                                                       |
| Default Java   | 1.8.0_242                                                                                                                                                                                                                                                         |
| findbugs       | v3.1.0-RC1                                                                                                                                                                                                                                                        |
| checkstyle     | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/25839/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt">https://builds.apache.org/job/PreCommit-YARN-Build/25839/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt</a> |
| Test Results   | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/25839/testReport/">https://builds.apache.org/job/PreCommit-YARN-Build/25839/testReport/</a>                                                                                                           |



|                           |                                                                                                                                                                                                                                |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max. process+thread count | 821 (vs. ulimit of 5500)                                                                                                                                                                                                       |
| 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-resourcemanager U: hadoop-yarn-project/hadoop-yarn |
| Console output            | <a href="https://builds.apache.org/job/PreCommit-YARN-Build/25839/console">https://builds.apache.org/job/PreCommit-YARN-Build/25839/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.

Jonathan Hung added a comment - 09/Apr/20 18:14

YARN-10212.004.patch LGTM. I committed this to trunk~branch-2.10. Thanks BilwaST for the contribution.

Hudson added a comment - 09/Apr/20 18:36

SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #18135 (See <https://builds.apache.org/job/Hadoop-trunk-Commit/18135/>)

YARN-10212. Create separate configuration for max global AM attempts. (jhung: rev 23481ad378de7f8e95eabefbd102825f757714b8)

- (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-common/src/main/resources/yarn-default.xml
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/test/java/org/apache/hadoop/yarn/server/resourcemanager/TestResourceManager.java
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/ResourceManager.java
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/rmapp/RMApplImpl.java
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/test/java/org/apache/hadoop/yarn/server/resourcemanager/TestAppManager.java

People

Assignee:

Bilwa S T

Reporter:

Jonathan Hung

Votes:

0 Vote for this issue

Watchers:

3 Start watching this issue

Dates

Created:

27/Mar/20 18:51

Updated:

09/Apr/20 18:36

Resolved:

09/Apr/20 18:14