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Hadoop YARN / YARN-1197 Support changing resources of an allocated container / YARN-3866

AM-RM protocol changes to support container resizing

Details

Sub-task Type:

Priority: Blocker

Affects Version/s: None

Component/s: api Labels: None Target Version/s: 2.9.0 Hadoop Flags: Reviewed

RESOLVED Status:

Resolution: Fixed

Fix Version/s: 2.8.0, 3.0.0-alpha1

Description

YARN-1447 and YARN-1448 are outdated.

This ticket deals with AM-RM Protocol changes to support container resize according to the latest design in YARN-1197.

- 1) Add increase/decrease requests in AllocateRequest
- 2) Get approved increase/decrease requests from RM in AllocateResponse
- 3) Add relevant test cases

Attachments

YARN-3866.1.patch	111 kB	29/Jun/15 14:14
YARN-3866.2.patch	116 kB	02/Jul/15 22:44
YARN-3866.3.patch	96 kB	13/Jul/15 14:54
YARN-3866-branch-2.8.addendum.1.patch	39 kB	09/Dec/16 21:54
YARN-3866-branch-2.8.addendum.1.patch	39 kB	09/Dec/16 18:26
YARN-3866-branch-2.8.addendum.2.patch	45 kB	12/Dec/16 19:19
YARN-3866-branch-2.8.addendum.3.patch	45 kB	14/Dec/16 23:29
YARN-3866-branch-2.8.addendum.4.patch	45 kB	04/Jan/17 00:08
YARN-3866-branch-2.addendum.4.patch	50 kB	03/Jan/17 23:59
YARN-3866-YARN-1197.4.patch	93 kB	13/Jul/15 20:55

Issue Links

blocks

О.	VADN-16/15	ContainerManager	implementation to	o support containe	r recizina
	1 ARIV-1040	Containenvianagei	implementation to	o Support Containei	resizina

1 YARN-1646 Support change container resource in RM

RESOLVED

RESOLVED

YARN-3867 ContainerImpl changes to support container resizing



breaks

SLIDER-1130 Hadoop 2.8 YARN changes have broken slider



YARN-5184 Fix up incompatible changes introduced on ContainerStatus and NodeReport



Show 5 more links (1 breaks, 1 is a clone of, 1 is related to, 2 relates to)

Activity

1

Atach patch for review.

The patch appears to be big, but it involves the deletion of 9 files, as we have renamed a few fields in the protocol based on the latest design.

■ O Wangda Tan added a comment - 30/Jun/15 20:57

Hi mding,

Thanks for working on the patch, some comments:

Implementation:

1) Test cases, I think most of the test cases changes are not necessary, we have automatical PB tests verification, I think adding them to TestPBImplRecords should be enough. Addition tests are needed only if there's any special logic that auto PB test cannot do.

2) Java docs annoatation:

Some general suggestions to do annoation

- Only need to mark user interface (for example, RPC between service daemons doesn't need to be marked)
- For request. For example, AllocateRequest, ResourceRequest, which user needs to set values, put @Public for both setter/getter/newInstance
- For response. For example, AllocateResponse, IncreasedContainer, which user doesn't need to set values, put @Public to getter only, and @Private to setter/newInstance.
- @Stable/@Unstable need to be added for both @Public/@Private. @Private always follows by @Unstable. If you think a
 @Public interface could be changed, put @Unstable to it. Otherwise, put @Stable.

Code style:

1) Could you check some of indents in your code? I think 8 spaces indent is too much,

```
Iterable<ContainerResourceChangeRequestProto> iterable =
   new Iterable<ContainerResourceChangeRequestProto>() {
    @Override
```

Hadoop typically uses 2-4 indents for wrapped code.

Other parts of the patch looks

▼ ○ Wangda Tan added a comment - 30/Jun/15 20:58

And could you add ContainerStatus PB-related changes also?

▼ ○ MENG DING added a comment - 02/Jul/15 22:44

Attached new patch based on the review comments.

- 1) Moved most of the PB records test cases to TestPBImplRecords, and deleted unnecessary test files.
- 2) Fixed JavaDoc annotation, and improved/added cooments to all public methods. Checked generated Java docs to make sure they look OK
- 3) Fixed indentation problem.
- 4) Added ContainerStatus, ContainerStatusPBImpl

I will fix JavaDoc and indentation issues in other tickets as well.

Thanks leftnoteasy for the review.

▼ O Jian He added a comment - 08/Jul/15 23:37

mding, thanks for the work! some comments on the patch:

- Mark all getters/setters unstable for now.
- DecreasedContainer.java/IncreasedContainer.java how about reusing the Container.java object?
- increaseRequests/decreaseRequests We may just pass one list of changeResourceRequests instead of differentiating whether it's increase or decrease? as the underlying implementations are the same. IMO, this also saves application writers from differentiating them programmatically.

```
List<ContainerResourceChangeRequest> increaseRequests,
List<ContainerResourceChangeRequest> decreaseRequests)
```

MENG DING added a comment - 09/Jul/15 15:44

Thanks jianhe for the review!

Mark all getters/setters unstable for now

Will do

DecreasedContainer.java/IncreasedContainer.java - how about reusing the Container.java object?

This seems to be a better approach, and does simplify the code quite a bit. I can't think of anything wrong about it. If nobody else oppose this, I will go ahead changing it.

increaseRequests/decreaseRequests - We may just pass one list of changeResourceRequests instead of differentiating whether it's increase or decrease? as the underlying implementations are the same. IMO, this also saves application writers from differentiating them programmatically.

Actually we thought about using a single changeResourceRequests, the main reasons that we separate them are:

- We do want application writers to make a conscious decision about whether they are making an increase request or decrease request, and tell Resource Manager explicitly, such that if they make a mistake, RM will be able to catch that. For example, if a user intends to increase a container resource, but made a mistake by passing in a resource value smaller than the current resource allocation, RM will catch this and will NOT actually decrease the resource. If a user had sent a changeResourceRequest to RM, RM would not know the original intention, and go ahead decrease the resource. As a result, the container may be killed if memory enforcement is enabled.
- Reduce the logic in RM to check if a request is for increase or decrease (less of a concern).

Let me know if the above concerns make sense to you or not.

✓ O Jian He added a comment - 09/Jul/15 17:58

increaseRequests/decreaseRequests - We may just pass one list of changeResourceRequests

sandyr, Would like to hear some thoughts from an application wirter's perspective. mind sharing some thoughts here? In case of Spark, do you think two separate increase/decrease requests in the AllocateRequest is better or a single changeResourceRequests?

▼ ○ MENG DING added a comment - 09/Jul/15 23:05

DecreasedContainer.java/IncreasedContainer.java - how about reusing the Container.java object?

I wanted to add that currently there is already a ContainerResourceDecreaseProto and ContainerResourceDecreaseProto field in the AllocateResponseProto, and the initial patch merely renames the fields to DecreasedContainerProto and IncreasedContainerProto. If we reuse the ContainerProto, we will be modifying the field type in an incompatible way, e.g.:

```
yarn_service_protos.proto

@@ -84,8 +85,8 @@ message AllocateResponseProto {
    optional int32 num_cluster_nodes = 7;
    optional PreemptionMessageProto preempt = 8;
    repeated NMTokenProto nm_tokens = 9;
- repeated ContainerResourceIncreaseProto increased_containers = 10;
- repeated ContainerResourceDecreaseProto decreased_containers = 11;
+ repeated ContainerProto increased_containers = 10;
+ repeated ContainerProto decreased_containers = 11;
    optional hadoop.common.TokenProto am_rm_token = 12;
}
```

But I think this should not be a problem as these fields are always set to null in released versions, so there should be no compatibility issue in practice.

Just want to bring this up and confirm with everyone that this is OK should we all agree to reuse the Container object.

Jian He added a comment - 10/Jul/15 00:11

I think thats ok.

Sandy Ryza added a comment - 10/Jul/15 23:20

Hi jianhe. Most application writers should be using AMRMClient, so not dealing with this interface directly. That said, given that they are separate data types, I think two different methods would be preferable.

Jian He added a comment - 10/Jul/15 23:52

thanks for the feedback. mding, we can keep that as is then. thanks!

- Wangda Tan added a comment 12/Jul/15 17:09
 - 1. DecreasedContainer.java/IncreasedContainer.java how about reusing the Container.java object?
 - 2. Mark all getters/setters unstable for now.
 - +1 for above two suggestions
- MENG DING added a comment 13/Jul/15 14:54

Thanks all for the review and comments!

Updated the patch to:

- Mark all new API methods Unstable
- Reuse the Container object for decreased/increased containers
- ✓ Wangda Tan added a comment 13/Jul/15 18:40

Latest patch looks good, mding, could you set status of this JIRA to patch available to kick Jenkins?

MENG DING added a comment - 13/Jul/15 20:55

YARN-3866.3.patch doesn't build by itself because the IncreaseContainersResourceRequest and IncreaseContainersResourceResponse in TestPBImplRecords.java are defined in YARN-1449.

I have removed them from TestPBImplRecords.java and generated new patch YARN-1866-YARN-1197.4.patch. I will add them back in YARN-1449.

✓ ○ Hadoop QA added a comment - 13/Jul/15 22:23

x -1 overall

Vote	Subsystem	Runtime	Comment
-1	pre-patch	16m 48s	Findbugs (version) appears to be broken on YARN-1197.
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	tests included	0m 0s	The patch appears to include 7 new or modified test files.
+1	javac	7m 42s	There were no new javac warning messages.
+1	javadoc	9m 40s	There were no new javadoc warning messages.
+1	release audit	0m 23s	The applied patch does not increase the total number of release audit warnings.
-1	checkstyle	1m 31s	The applied patch generated 2 new checkstyle issues (total was 22, now 15).
+1	whitespace	0m 8s	The patch has no lines that end in whitespace.
+1	install	1m 23s	mvn install still works.
+1	eclipse:eclipse	0m 33s	The patch built with eclipse:eclipse.
-1	findbugs	4m 16s	The patch appears to introduce 1 new Findbugs (version 3.0.0) warnings.
+1	mapreduce tests	9m 5s	Tests passed in hadoop-mapreduce-client-app.
+1	yarn tests	0m 23s	Tests passed in hadoop-yarn-api.
+1	yarn tests	1m 53s	Tests passed in hadoop-yarn-common.

54m 1s

Reason	Tests
FindBugs	module:hadoop-mapreduce-client-app

Subsystem	Report/Notes
Patch URL	http://issues.apache.org/jira/secure/attachment/12745125/YARN-3866-YARN-1197.4.patch
Optional Tests	javac unit findbugs checkstyle javadoc
git revision	YARN-1197 / 47f4c54
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/8523/artifact/patchprocess/diffcheckstylehadoop-yarn-api.txt
Findbugs warnings	https://builds.apache.org/job/PreCommit-YARN-Build/8523/artifact/patchprocess/newPatchFindbugsWarningshadoop-mapreduce-client-app.html
hadoop-mapreduce- client-app test log	https://builds.apache.org/job/PreCommit-YARN-Build/8523/artifact/patchprocess/testrun_hadoop-mapreduce-client-app.txt
hadoop-yarn-api test log	https://builds.apache.org/job/PreCommit-YARN-Build/8523/artifact/patchprocess/testrun_hadoop-yarn-api.txt
hadoop-yarn-common test log	https://builds.apache.org/job/PreCommit-YARN-Build/8523/artifact/patchprocess/testrun_hadoop-yarn-common.txt
Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/8523/testReport/
Java	1.7.0_55
uname	Linux asf905.gq1.ygridcore.net 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/8523/console

This message was automatically generated.

▼ O MENG DING added a comment - 13/Jul/15 22:41

- The FindBugs doesn't seem to be working in YARN-1197 branch (My own tests work fine though)
- The checkstyle issues are false alarms. They are needed for Javadocs to work

```
ContainerResourceChangeRequest.java
+import org.apache.hadoop.classification.InterfaceAudience.Public;
+import org.apache.hadoop.classification.InterfaceStability.Unstable;
+import org.apache.hadoop.yarn.api.ApplicationMasterProtocol;
                                                             <----- (Needed for Javadoc related method)
+import org.apache.hadoop.yarn.util.Records;
+/**
+ * {@code ContainerResourceChangeRequest} represents the request made by an
+ * application to the {@code ResourceManager} to change resource allocation of
+ * a running {@code Container}.
+ * 
+ * It includes:
+ * {@link ContainerId} for the container.
       {@link Resource} capability of the container after the resource change
       is completed.
     + * 
+ * @see ApplicationMasterProtocol#allocate(org.apache.hadoop.yarn.api.protocolrecords.AllocateRequest)
(can't break this otherwise Javadoc won't work.)
+ */
```

Rekicked Jenkins to see if the problem still exists.

➤ ○ Hadoop QA added a comment - 13/Jul/15 23:45

× -1 overall

Vote	Subsystem	Runtime	Comment
-1	pre-patch	18m 34s	Pre-patch YARN-1197 has 1 extant Findbugs (version 3.0.0) warnings.
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	tests included	0m 0s	The patch appears to include 7 new or modified test files.
+1	javac	7m 42s	There were no new javac warning messages.
+1	javadoc	9m 33s	There were no new javadoc warning messages.
+1	release audit	0m 23s	The applied patch does not increase the total number of release audit warnings.
-1	checkstyle	1m 57s	The applied patch generated 2 new checkstyle issues (total was 22, now 15).
+1	whitespace	0m 8s	The patch has no lines that end in whitespace.
+1	install	1m 22s	mvn install still works.
+1	eclipse:eclipse	0m 34s	The patch built with eclipse:eclipse.
+1	findbugs	4m 11s	The patch does not introduce any new Findbugs (version 3.0.0) warnings.
-1	mapreduce tests	9m 43s	Tests failed in hadoop-mapreduce-client-app.
+1	yarn tests	0m 24s	Tests passed in hadoop-yarn-api.
+1	yarn tests	1m 52s	Tests passed in hadoop-yarn-common.
		56m 41s	

Reason	Tests	
Failed unit tests	hadoop.mapreduce.v2.app.rm.TestRMContainerAllocator	
	hadoop. map reduce. jobhistory. Test Job History Event Handler	

Subsystem	Report/Notes
Patch URL	http://issues.apache.org/jira/secure/attachment/12745125/YARN-3866-YARN-1197.4.patch
Optional Tests	javac unit findbugs checkstyle javadoc
git revision	YARN-1197 / 47f4c54
Pre-patch Findbugs warnings	https://builds.apache.org/job/PreCommit-YARN-Build/8524/artifact/patchprocess/YARN-1197FindbugsWarningshadoop-mapreduce-client-app.html
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/8524/artifact/patchprocess/diffcheckstylehadoop-yarn-api.txt
hadoop-mapreduce- client-app test log	https://builds.apache.org/job/PreCommit-YARN-Build/8524/artifact/patchprocess/testrun_hadoop-mapreduce-client-app.txt
hadoop-yarn-api test log	https://builds.apache.org/job/PreCommit-YARN-Build/8524/artifact/patchprocess/testrun_hadoop-yarn-api.txt
hadoop-yarn-common test log	https://builds.apache.org/job/PreCommit-YARN-Build/8524/artifact/patchprocess/testrun_hadoop-yarn-common.txt
Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/8524/testReport/
Java	1.7.0_55

uname	Linux asf902.gq1.ygridcore.net 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/8524/console

Jian He added a comment - 14/Jul/15 00:36

Committed into branch YARN-1197, thanks mding! Thanks leftnoteasy for reviewing the patch!

■ Wangda Tan added a comment - 14/Jul/15 00:41

BTW, the findbugs warning is resolved by https://issues.apache.org/jira/browse/MAPREDUCE-6421, we can get this resolved after re-sync to trunk.

▼ ○ Hudson added a comment - 23/Sep/15 21:34

FAILURE: Integrated in Hadoop-trunk-Commit #8505 (See https://builds.apache.org/job/Hadoop-trunk-Commit/8505/) YARN 3866. AM-RM protocol changes to support container resizing. Contributed by Meng Ding (wangda: rev dfe2cb849fcb273d32e840d8562eaaee904af054)

- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestPBImplRecords.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_service_protos.proto
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreasePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateResponsePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerStatusPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceChangeRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreaseRequestPBImpl.java
- hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-clientapp/src/test/java/org/apache/hadoop/mapreduce/v2/app/local/TestLocalContainerAllocator.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncrease.java
- hadoop-yarn-project/CHANGES.txt
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceDecreasePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceChangeRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/java/org/apache/hadoop/yarn/api/records/ContainerStatus.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_protos.proto
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateRequest.java

▼ ○ Hudson added a comment - 23/Sep/15 21:46

FAILURE: Integrated in Hadoop-Yarn-trunk-Java8 #436 (See https://builds.apache.org/job/Hadoop-Yarn-trunk-Java8/436/) YARN-3866. AM-RM protocol changes to support container resizing. Contributed by Meng Ding (wangda: rev dfe2cb849fcb273d32e840d8562eaaee904af054)

- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateRequest.java
- hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-clientapp/src/test/java/org/apache/hadoop/mapreduce/v2/app/local/TestLocalContainerAllocator.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestPBImpIRecords.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreaseRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/java/org/apache/hadoop/yarn/api/records/ContainerStatus.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceChangeRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceDecreasePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreasePBImpl.java
- hadoop-yarn-project/CHANGES.txt
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerStatusPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceChangeRequest.java
- $\bullet \ \ hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_service_protos.proto$
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_protos.proto
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateResponsePBImpl.java

Hudson added a comment - 23/Sep/15 22:32

FAILURE: Integrated in Hadoop-Mapreduce-trunk-Java8 #429 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk-Java8/429/)

YARN-3866. AM-RM protocol changes to support container resizing. Contributed by Meng Ding (wangda: rev dfe2cb849fcb273d32e840d8562eaaee904af054)

- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateResponsePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceChangeRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreaseRequestPBImpl.java

- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/java/org/apache/hadoop/yarn/api/records/ContainerStatus.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_protos.proto
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_service_protos.proto
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreasePBImpl.java
- hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-clientapp/src/test/java/org/apache/hadoop/mapreduce/v2/app/local/TestLocalContainerAllocator.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceChangeRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestPBImplRecords.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncreaseRequest.java
- hadoop-yarn-project/CHANGES.txt
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerStatusPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceDecreasePBImpl.java

▼ ○ Hudson added a comment - 23/Sep/15 23:42.

SUCCESS: Integrated in Hadoop-Yarn-trunk #1169 (See https://builds.apache.org/job/Hadoop-Yarn-trunk/1169/) YARN-3866. AM-RM protocol changes to support container resizing. Contributed by Meng Ding (wangda: rev dfe2cb849fcb273d32e840d8562eaaee904af054)

- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreasePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreaseRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestPBImplRecords.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateResponsePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceDecreasePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerStatusPBImpl.java
- $\bullet \quad \text{hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateRequest.java} \\$
- $\bullet \ \ hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_service_protos.proto$
- hadoop-yarn-project/CHANGES.txt

- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceChangeRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/java/org/apache/hadoop/yarn/api/records/ContainerStatus.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceChangeRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_protos.proto
- hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-clientapp/src/test/java/org/apache/hadoop/mapreduce/v2/app/local/TestLocalContainerAllocator.java

▼ ○ Hudson added a comment - 24/Sep/15 01:19

FAILURE: Integrated in Hadoop-Hdfs-trunk-Java8 #409 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk-Java8/409/) YARN-3866. AM-RM protocol changes to support container resizing. Contributed by Meng Ding (wangda: rev dfe2cb849fcb273d32e840d8562eaaee904af054)

- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceChangeRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceDecreasePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_service_protos.proto
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceChangeRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestPBImpIRecords.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreasePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreaseRequestPBImpl.java
- hadoop-yarn-project/CHANGES.txt
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_protos.proto
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerStatusPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/java/org/apache/hadoop/yarn/api/records/ContainerStatus.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateResponsePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncreaseRequest.java
- hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-clientapp/src/test/java/org/apache/hadoop/mapreduce/v2/app/local/TestLocalContainerAllocator.java

- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateRequestPBImpl.java
- ▶ O Hudson added a comment 24/Sep/15 02:30

FAILURE: Integrated in Hadoop-Mapreduce-trunk #2375 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk/2375/) YARN-3866. AM-RM protocol changes to support container resizing. Contributed by Meng Ding (wangda: rev dfe2cb849fcb273d32e840d8562eaaee904af054)

- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceChangeRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateResponse.java
- hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-clientapp/src/test/java/org/apache/hadoop/mapreduce/v2/app/local/TestLocalContainerAllocator.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreaseRequestPBImpl.java
- hadoop-yarn-project/CHANGES.txt
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateResponsePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceChangeRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceDecreasePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_service_protos.proto
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestPBImpIRecords.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/java/org/apache/hadoop/yarn/api/records/ContainerStatus.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerStatusPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreasePBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_protos.proto
- Hudson added a comment 24/Sep/15 03:15

FAILURE: Integrated in Hadoop-Hdfs-trunk #2348 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk/2348/) YARN-3866. AM-RM protocol changes to support container resizing. Contributed by Meng Ding (wangda: rev dfe2cb849fcb273d32e840d8562eaaee904af054)

- hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-clientapp/src/test/java/org/apache/hadoop/mapreduce/v2/app/local/TestLocalContainerAllocator.java
- $\bullet \ \ hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/java/org/apache/hadoop/yarn/api/records/ContainerStatus.java$
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceDecreasePBImpl.java

- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceChangeRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_service_protos.proto
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-
- common/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreaseRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestPBImpIRecords.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerStatusPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/test/java/org/apache/hadoop/yarn/api/TestAllocateRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateRequestPBImpl.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncreaseRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/test/java/org/apache/hadoop/yarn/api/TestContainerResourceDecrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceIncrease.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/proto/yarn_protos.proto
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/impl/pb/AllocateResponsePBImpl.java
- hadoop-yarn-project/CHANGES.txt
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/protocolrecords/AllocateResponse.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarnapi/src/main/java/org/apache/hadoop/yarn/api/records/ContainerResourceChangeRequest.java
- hadoop-yarn-project/hadoop-yarn/hadoop-yarncommon/src/main/java/org/apache/hadoop/yarn/api/records/impl/pb/ContainerResourceIncreasePBImpl.java

💌 🔘 Akira Ajisaka added a comment - 07/Dec/16 08:35 - edited

Now I'm looking at compatibility report between branch-2.7.3 and branch-2.8.

• https://builds.apache.org/view/H-L/view/Hadoop/job/Hadoop-trunk-JACC/24/artifact/target/compat-check/report.html

The following @Public and @Stable methods have been changed by YARN-3866 and later removed by YARN-5221.

- AllocateRequest.getIncreaseRequests()
- AllocateRequest.setIncreaseRequests(List<ContainerResourceIncreaseRequest>)
- AllocateResponse.getIncreasedContainers()
- AllocateResponse.getDecreasedContainers()

Hi jianhe and junping_du, should we make \(\frac{YARN-3866}{2}\) incompatible change, or fix the incompatibility?

Jian He added a comment - 07/Dec/16 20:59

I think all patches are committed to branch-2.8. it should be fine?

Junping Du added a comment - 07/Dec/16 21:40

That's nice catch, Akira! Actually, I think we probably should fix the incompatibility here, although the modified/removed API is not widely used, it could potentially to break rolling upgrade, etc. leftnoteasy, what do you think?

Wangda Tan added a comment - 07/Dec/16 22:19 - edited

Thanks ajisakaa, junping_du for working on 2.8 release and check JACC report.

This problem is actually different from typical incompatibility change.

APIs which are modified are originally added by YARN-1447, and no implementations at the back end. Which means:

- The removed fields are never used by any of YARN modules before 2.8.
- And of course, we have never declares it works before 2.8.

We discussed this with jianhe, mding and asuresh offline. Since nobody suppose to use this field unless by mistake, to make a cleaner interface, we made decision to change the field directly.

And in addition, the AMRMProtocol is lower level API of YARN, according to my knowledge, the only few project AMRMProtocol which I knew is MR. YARN application is supposed to use AMRMClient APIs.

So to me, the incompatible change should have minimum impact to downstream project. I'm OK with adding these fields back if everybody still agrees, but I want to get more input before proceed.

Arun Suresh added a comment - 07/Dec/16 22:42 - edited

Also thanks for raising this ajisakaa, junping_du..

As leftnoteasy mentioned, the ApplicationMasterProtocol is a lower level protocol and end user applications should be using the AMRMClient.

Given that the increase/decrease resources are not available in any current version of hadoop, and given that YARN 5221 was raised to unify all container updates (resources and ExecutionType etc.) into a single API, I am not in favor of adding back the (set/get) (Increase/Decrease) (Requests/Containers) API as it will cause problems for future upgrades, if people do start using them.

✓ ○ Junping Du added a comment - 07/Dec/16 23:17

As Wangda Tan mentioned, the ApplicationMasterProtocol is a lower level protocol and end user applications should be using the AMRMClient.

I agree most applications are supposed to use AMRMClient (except MR). However, ApplicationMasterProtocol is still marked as public for using by downstream projects (open or closed sourced). Unless this API is marked as restricted to MR only, there should be 0 assumption for users on how to use it.

Given that the increase/decrease resources are not available in any current version of hadoop.and given that \(\frac{YARN-5221}{ARN-5221} \) was raised to unify all container updates (resources and ExecutionType etc.) into a single API, I am not in favor of adding back the (set/get)(Increase/Decrease)(Requests/Containers) API as it will cause problems for future upgrades, if people do start using them.

No. It is already get released in 2.7.3: https://hadoop.apache.org/docs/r2.7.3/api/index.html. In release prospective, all released public APIs (unless marked as unstable explicitly) are protocol between software (and developer behind it) and users. I can understand that public these APIs in 2.7.3 may not be intentional, but we should take response for all sequences it could generate. We can deprecate these APIs to tell people to use the right API. I think that is the right way to do.

Arun Suresh added a comment - 07/Dec/16 23:43

No. It is already get released in 2.7.3 ..

Ah.. sorry.. was looking at the CapacityScheduler class which did not have a working implementation of the feature. Just realized as Wangda mentioned, only the APIs were updated in 2.7.

We can deprecate these APIs to tell people to use the right API. I think that is the right way to do.

Agreed.

Jian He added a comment - 08/Dec/16 05:19

IIUC, the value of adding back this API is to avoid the UnknownMethodException in java, app-writer who mistakenly intended to use this API/feature has to revisit their code anyway...because the API/feature was not complete.

Anyway, if we agree to add back this API, I think we can only add the plain methods in the class. No need to add to the proto definition, as it's just a useless payload sent to the RM. Also, only add to 2.8, no need to add to trunk?

✓ O Junping Du added a comment - 08/Dec/16 07:08

Thanks for your additional input, Jian! I totally understand what you mean. However, we should be clear on some following facts:

1. We released this API for years - it is marked as public and stable since very early, you can found it even at hadoop 2.4:

https://hadoop.apache.org/docs/r2.4.1/api/index.html. So now we cannot claim this is not a completed feature and remove it even it never work as expected - calling some API with no result is one thing, but calling some API with throw some unhandled exceptions is another thing. The later one could break the application running.

- 2. We cannot assume app writer could be very easy to change their applications to adapt our incompatible changes in 2.8. Some of these applications are third-party software (no matter open or closed source), and they are already released to their customers. I cannot imagine one software were using this API (even by unintentionally) by following our official document and test against any releases prior to 2.8 (like 2.6 or 2.7) works fine, but when end user upgrade to 2.8, this software will get stuck. If this happens (although less likely), Hadoop could get blamed as lacking of API compatibility, and user could doubt our released APIs as well.
- 3. As I mentioned above, a public released API is a protocol, no matter we use it or not, we should figure out a proper way/process to retire it. Yarn shouldn't surprise its user in such way especially as a such success and mature software.

More thoughts?

Wangda Tan added a comment - 08/Dec/16 18:24

Sounds everybody agrees to add these APIs back and mark to DEPRECATED, I will try this and keep this JIRA updated.

Junping Du added a comment - 08/Dec/16 18:40

Thanks leftnoteasy! I will go ahead to reopen this and mark it as blocker for 2.8 to fix.

Wangda Tan added a comment - 09/Dec/16 18:26

Attached addendum.1 patch to fix the issue.

We need two fixes added to branch-2/trunk as well:

- 1) In AllocateResponseProto, we need to reserve id=10/11 for the two fields.
- 2) In AllocateRequest#newInstance, the signature of removed stable method is conflicted to the new method:

```
public static AllocateRequest newInstance(int responseID, float appProgress,
   List<ResourceRequest> resourceAsk,
   List<ContainerId> containersToBeReleased,
   ResourceBlacklistRequest resourceBlacklistRequest,
   List<UpdateContainerRequest> updateRequests
)
```

So I have to switch last two parameters to make no conflict happens.

asuresh, could you check the two places? Since you may have already deployed YARN on branch-2.

Thanks,

Arun Suresh added a comment - 09/Dec/16 19:22

Thanks for working on the leftnoteasy,

In, yarn_service_protos.proto, instead of incrementing the index number of **am_rm_token** and **application_priority**, you can probably just change the index of **updated_container** to 16 and leave the other 2 as it is. That way in the branch-2 and trunk patch, you will not have conflict with **collector_addr** field, which is 14.

+1 otherwise.

✓ ○ Hadoop QA added a comment - 09/Dec/16 19:38

```
-1 overall
```

Vote	Subsystem	Runtime	Comment
0	reexec	0m 0s	Docker mode activated.
-1	patch	()m 1()e	YARN-3866 does not apply to YARN-1197. Rebase required? Wrong Branch? See https://wiki.apache.org/hadoop/HowToContribute for help.

Subsystem	Report/Notes
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JIRA Issue	YARN 3866
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12745125/YARN-3866-YARN-1197.4.patch
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14243/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

■ Wangda Tan added a comment - 09/Dec/16 21:54

Looks like Jenkins uses a wrong branch to run, reattach patch.

➤ ○ Hadoop QA added a comment - 10/Dec/16 06:17

-1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	0m 19s	Docker mode activated.
+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.
0	mvndep	0m 21s	Maven dependency ordering for branch
+1	mvninstall	6m 25s	branch-2.8 passed
+1	compile	1m 49s	branch-2.8 passed with JDK v1.8.0_111
+1	compile	2m 12s	branch-2.8 passed with JDK v1.7.0_121
+1	checkstyle	0m 34s	branch-2.8 passed
+1	mvnsite	2m 1s	branch-2.8 passed
+1	mvneclipse	0m 59s	branch-2.8 passed
+1	findbugs	3m 58s	branch-2.8 passed
+1	javadoc	1m 18s	branch-2.8 passed with JDK v1.8.0_111
+1	javadoc	1m 31s	branch-2.8 passed with JDK v1.7.0_121
0	mvndep	0m 10s	Maven dependency ordering for patch
+1	mvninstall	1m 42s	the patch passed
+1	compile	1m 46s	the patch passed with JDK v1.8.0_111
+1	сс	1m 46s	the patch passed
-1	javac	1m 46s	hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111 with JDK v1.8.0_111 generated 11 new + 39 unchanged - 0 fixed = 50 total (was 39)
+1	compile	2m 11s	the patch passed with JDK v1.7.0_121
+1	СС	2m 11s	the patch passed
-1	javac	2m 11s	hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121 with JDK v1.7.0_121 generated 13 new + 48 unchanged - 0 fixed = 61 total (was 48)
-0	checkstyle	0m 33s	hadoop-yarn-project/hadoop-yarn: The patch generated 28 new + 102 unchanged - 0 fixed = 130 total (was 102)
+1	mvnsite	1m 57s	the patch passed
+1	mvneclipse	0m 54s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	4m 48s	the patch passed
-1	javadoc	0m 16s	hadoop-yarn-project_hadoop-yarn_hadoop-yarn-api-jdk1.8.0_111 with JDK v1.8.0_111 generated 19 new + 149 unchanged - 0 fixed = 168 total (was 149)
-1	javadoc	0m 19s	hadoop-yarn-project_hadoop-yarn_hadoop-yarn-api-jdk1.7.0_121 with JDK v1.7.0_121 generated 1 new + 0 unchanged - 0 fixed = 1 total (was 0)
+1	unit	0m 27s	hadoop-yarn-api in the patch passed with JDK v1.7.0_121.

-1	unit	2m 25s	hadoop-yarn-common in the patch failed with JDK v1.7.0_121.
-1	unit	77m 33s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.7.0_121.
-1	unit	66m 9s	hadoop-yarn-client in the patch failed with JDK v1.7.0_121.
+1	asflicense	0m 21s	The patch does not generate ASF License warnings.
		339m	
		29s	

Reason	Tests
JDK v1.8.0_111 Failed junit tests	hadoop.yarn.api.TestPBImplRecords
	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop. yarn. server. resource manager. Test AMA uthorization
	hadoop.yarn.client.api.impl.TestAMRMProxy
	hadoop.yarn.client.TestGetGroups
JDK v1.8.0_111 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient
JDK v1.7.0_121 Failed junit tests	hadoop.yarn.api.TestPBImpIRecords
	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop. yarn. server. resource manager. Test AMA uthorization
	hadoop.yarn.client.api.impl.TestAMRMProxy
	hadoop.yarn.client.TestGetGroups
JDK v1.7.0_121 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient

Subsystem	Report/Notes		
Docker	Image:yetus/hadoop:5af2af1		
JIRA Issue YARN 3866			
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12842616/YARN-3866-branch-2.8.addendum.1.patch		
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle cc		
uname	Linux 2617594298d0 3.13.0-95-generic #142-Ubuntu SMP Fri Aug 12 17:00:09 UTC 2016 x86_64 x86_64 GNU/Linux		
Build tool	maven		
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh		
git revision	branch-2.8 / fa3b2be		
Default Java	1.7.0_121		
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_111 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_121		
findbugs	v3.0.0		
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14249/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111.txt		
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14249/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121.txt		

checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/14249/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt
javadoc	https://builds.apache.org/job/PreCommit-YARN-Build/14249/artifact/patchprocess/diff-javadoc-javadoc-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-api-jdk1.8.0_111.txt
javadoc	https://builds.apache.org/job/PreCommit-YARN-Build/14249/artifact/patchprocess/diff-javadoc-javadoc-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-api-jdk1.7.0_121.txt
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14249/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-common-jdk1.7.0_121.txt
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14249/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.7.0_121.txt
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14249/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-client-jdk1.7.0_121.txt
JDK v1.7.0_121 Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/14249/testReport/
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client U: hadoop-yarn-project/hadoop-yarn
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14249/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

■ Wangda Tan added a comment - 12/Dec/16 19:19

Attached #2 addendum patch fixed a bunch of issues.

Junping Du added a comment - 13/Dec/16 21:13

addendum.2 patch LGTM. For some reason Jenkins test get stuck, kickoff it manually...

Arun Suresh added a comment - 13/Dec/16 21:53

leftnoteasy, wondering if updating yarn_service_proto as per comment made sense..

Also, was just wondering, given that we are deprecating this, wondering if it is ok to just remove it altogether in 3.x releases, since maintaining both APIs would be burdensome (or can we just throw some "NotSupportedAnymoreException"). Not sure what the EOL guidelines for APIs are.

➤ ○ Hadoop QA added a comment - 14/Dec/16 03:03



Vote	Subsystem	Runtime	Comment
0	reexec	14m 5s	Docker mode activated.
+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.
0	mvndep	0m 24s	Maven dependency ordering for branch
+1	mvninstall	7m 0s	branch-2.8 passed
+1	compile	1m 51s	branch-2.8 passed with JDK v1.8.0_111
+1	compile	2m 12s	branch-2.8 passed with JDK v1.7.0_121
+1	checkstyle	0m 29s	branch-2.8 passed
+1	mvnsite	1m 57s	branch-2.8 passed
+1	mvneclipse	0m 54s	branch-2.8 passed
+1	findbugs	4m 2s	branch-2.8 passed

1 111			[Trick 3000] The Ref protocol changes to support container resizing That street
+1	javadoc	1m 25s	branch-2.8 passed with JDK v1.8.0_111
+1	javadoc	1m 34s	branch-2.8 passed with JDK v1.7.0_121
0	mvndep	0m 11s	Maven dependency ordering for patch
+1	mvninstall	1m 45s	the patch passed
+1	compile	2m 11s	the patch passed with JDK v1.8.0_111
+1	СС	2m 11s	the patch passed
-1	javac	2m 11s	hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111 with JDK v1.8.0_111 generated 18 new + 39 unchanged - 0 fixed = 57 total (was 39)
+1	compile	2m 24s	the patch passed with JDK v1.7.0_121
+1	СС	2m 24s	the patch passed
-1	javac	2m 24s	hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121 with JDK v1.7.0_121 generated 20 new + 48 unchanged - 0 fixed = 68 total (was 48)
-0	checkstyle	0m 36s	hadoop-yarn-project/hadoop-yarn: The patch generated 32 new + 102 unchanged - 0 fixed = 134 total (was 102)
+1	mvnsite	2m 6s	the patch passed
+1	mvneclipse	0m 54s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	5m 15s	the patch passed
+1	javadoc	1m 13s	the patch passed with JDK v1.8.0_111
+1	javadoc	1m 27s	the patch passed with JDK v1.7.0_121
+1	unit	0m 31s	hadoop-yarn-api in the patch passed with JDK v1.7.0_121.
+1	unit	2m 28s	hadoop-yarn-common in the patch passed with JDK v1.7.0_121.
-1	unit	73m 44s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.7.0_121.
-1	unit	66m 17s	hadoop-yarn-client in the patch failed with JDK v1.7.0_121.
+1	asflicense	0m 22s	The patch does not generate ASF License warnings.
		348m 35s	

Reason	Tests
JDK v1.8.0_111 Failed junit tests	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop.yarn.client.TestGetGroups
	hadoop.yarn.client.api.impl.TestAMRMProxy
JDK v1.8.0_111 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient
JDK v1.7.0_121 Failed junit tests	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop. yarn. server. resource manager. Test AMA uthorization
	hadoop.yarn.client.TestGetGroups
	hadoop.yarn.client.api.impl.TestAMRMProxy
JDK v1.7.0_121 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient

Subsystem	Report/Notes
Docker	Image:yetus/hadoop:5af2af1
JIRA Issue	YARN 3866
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12842854/YARN-3866-branch-2.8.addendum.2.patch
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle cc
uname	Linux 7f0dfa51cb49 3.13.0-95-generic #142-Ubuntu SMP Fri Aug 12 17:00:09 UTC 2016 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	branch-2.8 / 6a18ae8
Default Java	1.7.0_121
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_111 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_121
findbugs	v3.0.0
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14280/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111.txt
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14280/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121.txt
checkstyle https://builds.apache.org/job/PreCommit-YARN-Build/14280/artifact/patchprocess/diff-checkstyproject_hadoop-yarn.txt	
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14280/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.7.0_121.txt
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14280/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-client-jdk1.7.0_121.txt
JDK v1.7.0_121 Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/14280/testReport/
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client U: hadoop-yarn-project/hadoop-yarn
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14280/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

Wangda Tan added a comment - 14/Dec/16 23:29

Attached ver.3 patch which addressed comments from asuresh.

There're some Javac warnings cannot be addressed, SuppressWarning doesn't work very well on inherited methods.

Andrew Wang added a comment - 15/Dec/16 22:58

Our compat guidelines available on the website, e.g.:

http://hadoop.apache.org/docs/r2.7.2/hadoop-project-dist/hadoop-common/Compatibility.html

I think this is what applies here:

Public-Stable APIs must be deprecated for at least one major release prior to their removal in a major release.

Unless these APIs were deprecated in 2.1.0-beta, then we should wait to remove.

Wangda Tan added a comment - 15/Dec/16 23:04

Thanks andrew.wang for the comment. We all aware the policy, and the latest changes should fix the incompat issue. I'm waiting for Jenkins result and we need to trigger another JACC run.

➤ ○ Hadoop QA added a comment - 16/Dec/16 04:43

-1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	14m 47s	Docker mode activated.
+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.
0	mvndep	2m 22s	Maven dependency ordering for branch
+1	mvninstall	8m 7s	branch-2.8 passed
+1	compile	2m 29s	branch-2.8 passed with JDK v1.8.0_111
+1	compile	2m 19s	branch-2.8 passed with JDK v1.7.0_121
+1	checkstyle	0m 35s	branch-2.8 passed
+1	mvnsite	2m 5s	branch-2.8 passed
+1	mvneclipse	0m 58s	branch-2.8 passed
+1	findbugs	4m 3s	branch-2.8 passed
-1	javadoc	0m 20s	hadoop-yarn-server-resourcemanager in branch-2.8 failed with JDK v1.8.0_111.
+1	javadoc	1m 31s	branch-2.8 passed with JDK v1.7.0_121
0	mvndep	0m 10s	Maven dependency ordering for patch
+1	mvninstall	1m 41s	the patch passed
+1	compile	1m 48s	the patch passed with JDK v1.8.0_111
+1	СС	1m 48s	the patch passed
-1	javac	1m 48s	hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111 with JDK v1.8.0_111 generated 18 new + 39 unchanged - 0 fixed = 57 total (was 39)
+1	compile	2m 9s	the patch passed with JDK v1.7.0_121
+1	СС	2m 9s	the patch passed
-1	javac	2m 9s	hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121 with JDK v1.7.0_121 generated 20 new + 48 unchanged - 0 fixed = 68 total (was 48)
-0	checkstyle	0m 33s	hadoop-yarn-project/hadoop-yarn: The patch generated 32 new + 102 unchanged - 0 fixed = 134 total (was 102)
+1	mvnsite	1m 57s	the patch passed
+1	mvneclipse	0m 54s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	5m 12s	the patch passed
-1	javadoc	0m 20s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.8.0_111.
+1	javadoc	1m 28s	the patch passed with JDK v1.7.0_121
+1	unit	0m 25s	hadoop-yarn-api in the patch passed with JDK v1.7.0_121.
+1	unit	2m 24s	hadoop-yarn-common in the patch passed with JDK v1.7.0_121.
-1	unit	74m 6s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.7.0_121.
-1	unit	66m 21s	hadoop-yarn-client in the patch failed with JDK v1.7.0_121.
+1	asflicense	0m 21s	The patch does not generate ASF License warnings.
		352m 21s	

Reason	Tests
JDK v1.8.0_111 Failed junit tests	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop. yarn. server. resource manager. Test Work Preserving RMR estart
	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.client.TestGetGroups
	hadoop.yarn.client.api.impl.TestAMRMProxy
JDK v1.8.0_111 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient
JDK v1.7.0_121 Failed junit tests	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.client.TestGetGroups
	hadoop.yarn.client.api.impl.TestAMRMProxy
JDK v1.7.0_121 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient

Subsystem	Report/Notes			
Docker	Image:yetus/hadoop:5af2af1			
JIRA Issue	YARN-3866			
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12843318/YARN-3866-branch-2.8.addendum.3.patch			
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle cc			
uname	Linux 318ef4cb7d25 3.13.0-103-generic #150-Ubuntu SMP Thu Nov 24 10:34:17 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux			
Build tool	maven			
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh			
git revision	branch-2.8 / 07a221e			
Default Java	1.7.0_121			
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_111 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_121			
findbugs	v3.0.0			
javadoc	https://builds.apache.org/job/PreCommit-YARN-Build/14335/artifact/patchprocess/branch-javadoc-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.8.0_111.txt			
javac https://builds.apache.org/job/PreCommit-YARN-Build/14335/artifact/patchprocess/diff-compile yarn-project_hadoop-yarn-jdk1.8.0_111.txt				
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14335/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121.txt			
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/14335/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt			
javadoc	https://builds.apache.org/job/PreCommit-YARN-Build/14335/artifact/patchprocess/patch-javadoc-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.8.0_111.txt			
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14335/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.7.0_121.txt			
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14335/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-client-jdk1.7.0_121.txt			

JDK v1.7.0_121 Test Results https://builds.apache.org/job/PreCommit-YARN-Build/14335/testReport/		
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client U: hadoop-yarn-project/hadoop-yarn	
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14335/console	
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org	

➤ ○ Hadoop QA added a comment - 22/Dec/16 01:37



Vote	Subsystem	Runtime	Comment
0	reexec	0m 11s	Docker mode activated.
+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.
0	mvndep	2m 23s	Maven dependency ordering for branch
+1	mvninstall	7m 9s	branch-2.8 passed
+1	compile	2m 3s	branch-2.8 passed with JDK v1.8.0_111
+1	compile	2m 13s	branch-2.8 passed with JDK v1.7.0_121
+1	checkstyle	0m 35s	branch-2.8 passed
+1	mvnsite	2m 4s	branch-2.8 passed
+1	mvneclipse	0m 54s	branch-2.8 passed
+1	findbugs	4m 7s	branch-2.8 passed
-1	javadoc	0m 20s	hadoop-yarn-server-resourcemanager in branch-2.8 failed with JDK v1.8.0_111.
+1	javadoc	1m 30s	branch-2.8 passed with JDK v1.7.0_121
0	mvndep	0m 9s	Maven dependency ordering for patch
+1	mvninstall	1m 44s	the patch passed
+1	compile	2m 13s	the patch passed with JDK v1.8.0_111
+1	СС	2m 13s	the patch passed
-1	javac	2m 13s	hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111 with JDK v1.8.0_111 generated 18 new + 39 unchanged - 0 fixed = 57 total (was 39)
+1	compile	2m 16s	the patch passed with JDK v1.7.0_121
+1	СС	2m 16s	the patch passed
-1	javac	2m 16s	hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121 with JDK v1.7.0_121 generated 20 new + 48 unchanged - 0 fixed = 68 total (was 48)
-0	checkstyle	0m 32s	hadoop-yarn-project/hadoop-yarn: The patch generated 32 new + 102 unchanged - 0 fixed = 134 total (was 102)
+1	mvnsite	1m 55s	the patch passed
+1	mvneclipse	0m 53s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	4m 49s	the patch passed
-1	javadoc	0m 19s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.8.0_111.
+1	javadoc	1m 27s	the patch passed with JDK v1.7.0_121
+1	unit	0m 26s	hadoop-yarn-api in the patch passed with JDK v1.7.0_121.
+1	unit	2m 24s	hadoop-yarn-common in the patch passed with JDK v1.7.0_121.

-1	unit	73m 26s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.7.0_121.
-1	unit	66m 27s	hadoop-yarn-client in the patch failed with JDK v1.7.0_121.
+1	asflicense	0m 22s	The patch does not generate ASF License warnings.
		334m 5s	

Reason	Tests
JDK v1.8.0_111 Failed junit tests	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop.yarn.server.resourcemanager.scheduler.capacity.TestCapacityScheduler
	hadoop. yarn. server. resource manager. scheduler. capacity. Test Capacity Scheduler Surgical Preemption
	hadoop.yarn.client.TestGetGroups
	hadoop.yarn.client.api.impl.TestAMRMProxy
JDK v1.8.0_111 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient
JDK v1.7.0_121 Failed junit tests	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop.yarn.client.TestGetGroups
	hadoop.yarn.client.api.impl.TestAMRMProxy
JDK v1.7.0_121 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient

Subsystem	Report/Notes			
Docker	Image:yetus/hadoop:5af2af1			
JIRA Issue	YARN 3866			
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12843318/YARN-3866-branch-2.8.addendum.3.patch			
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle cc			
uname	inux 4e99acd0d10d 3.13.0-93-generic #140-Ubuntu SMP Mon Jul 18 21:21:05 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux			
Build tool	maven			
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh			
git revision	branch-2.8 / ae053df			
Default Java	1.7.0_121			
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_111 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_121			
findbugs	v3.0.0			
javadoc	https://builds.apache.org/job/PreCommit-YARN-Build/14429/artifact/patchprocess/branch-javadoc-hadoop-yarn-			

	project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.8.0_111.txt
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14429/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111.txt
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14429/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121.txt
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/14429/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt
javadoc	https://builds.apache.org/job/PreCommit-YARN-Build/14429/artifact/patchprocess/patch-javadoc-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.8.0_111.txt
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14429/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.7.0_121.txt
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14429/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-client-jdk1.7.0_121.txt
JDK v1.7.0_121 Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/14429/testReport/
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client U: hadoop-yarn-project/hadoop-yarn
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14429/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

➤ ○ Hadoop QA added a comment - 29/Dec/16 23:56



Vote	Subsystem	Runtime	Comment
0	reexec	0m 18s	Docker mode activated.
+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.
0	mvndep	0m 16s	Maven dependency ordering for branch
+1	mvninstall	6m 57s	branch-2.8 passed
+1	compile	2m 7s	branch-2.8 passed with JDK v1.8.0_111
+1	compile	2m 10s	branch-2.8 passed with JDK v1.7.0_121
+1	checkstyle	0m 33s	branch-2.8 passed
+1	mvnsite	2m 0s	branch-2.8 passed
+1	mvneclipse	0m 56s	branch-2.8 passed
+1	findbugs	4m 26s	branch-2.8 passed
-1	javadoc	0m 21s	hadoop-yarn-server-resourcemanager in branch-2.8 failed with JDK v1.8.0_111.
+1	javadoc	1m 33s	branch-2.8 passed with JDK v1.7.0_121
0	mvndep	0m 11s	Maven dependency ordering for patch
+1	mvninstall	1m 46s	the patch passed
+1	compile	2m 0s	the patch passed with JDK v1.8.0_111
+1	СС	2m 0s	the patch passed
-1	javac	2m 0s	hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111 with JDK v1.8.0_111 generated 18 new + 39 unchanged - 0 fixed = 57 total (was 39)
+1	compile	2m 12s	the patch passed with JDK v1.7.0_121
+1	СС	2m 12s	the patch passed

	The transfer of the process of the p				
-1	javac	2m 12s	hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121 with JDK v1.7.0_121 generated 20 new + 48 unchanged - 0 fixed = 68 total (was 48)		
-0	checkstyle	0m 33s	hadoop-yarn-project/hadoop-yarn: The patch generated 32 new + 102 unchanged - 0 fixed = 134 total (was 102)		
+1	mvnsite	1m 59s	the patch passed		
+1	mvneclipse	0m 56s	the patch passed		
+1	whitespace	0m 0s	The patch has no whitespace issues.		
+1	findbugs	5m 27s	the patch passed		
-1	javadoc	0m 20s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.8.0_111.		
+1	javadoc	1m 34s	the patch passed with JDK v1.7.0_121		
+1	unit	0m 26s	hadoop-yarn-api in the patch passed with JDK v1.7.0_121.		
+1	unit	2m 27s	hadoop-yarn-common in the patch passed with JDK v1.7.0_121.		
-1	unit	76m 10s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.7.0_121.		
-1	unit	66m 33s	hadoop-yarn-client in the patch failed with JDK v1.7.0_121.		
+1	asflicense	0m 23s	The patch does not generate ASF License warnings.		
		337m 54s			

Reason	Tests
JDK v1.8.0_111 Failed junit tests	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.client.api.impl.TestAMRMProxy
	hadoop.yarn.client.TestGetGroups
JDK v1.8.0_111 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient
JDK v1.7.0_121 Failed junit tests	hadoop.yarn.server.resourcemanager.scheduler.capacity.TestCapacitySchedulerSurgicalPreemption
	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.client.api.impl.TestAMRMProxy
	hadoop.yarn.client.TestGetGroups
JDK v1.7.0_121 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient

Subsystem	Report/Notes		
Docker Image:yetus/hadoop:5af2af1			
JIRA Issue YARN 3866			
JIRA Patch URL https://issues.apache.org/jira/secure/attachment/12843318/YARN-3866-branch-2.8.addendum.3.patch			

Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle cc	
uname	Linux 8fecb98f7157 3.13.0-105-generic #152-Ubuntu SMP Fri Dec 2 15:37:11 UTC 2016 x86_64 x86_64 GNU/Linux	
Build tool maven		
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh	
git revision	branch-2.8 / 747be79	
Default Java	1.7.0_121	
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_111 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_121	
findbugs	v3.0.0	
javadoc	https://builds.apache.org/job/PreCommit-YARN-Build/14492/artifact/patchprocess/branch-javadoc-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.8.0_111.txt	
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14492/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111.txt	
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14492/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121.txt	
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/14492/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt	
javadoc	https://builds.apache.org/job/PreCommit-YARN-Build/14492/artifact/patchprocess/patch-javadoc-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.8.0_111.txt	
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14492/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.7.0_121.txt	
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14492/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-client-jdk1.7.0_121.txt	
JDK v1.7.0_121 Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/14492/testReport/	
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-commor hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client U: hadoop-yarn-project/hadoop-yarn	
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14492/console	
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org	

➤ ○ Wangda Tan added a comment - 30/Dec/16 00:14

Backported YARN 4567 to branch-2.8 to fix javadocs warnings, waiting for next build.

I just committed changes to \(\frac{YARN-3866}{ARN-3866} \) branch, and triggered another JACC run. Latest JACC report: \(\text{https://builds.apache.org/view/H-L/view/Hadoop/job/Hadoop-trunk-JACC/43/artifact/target/compatcheck/report.html#Source_Removed, we should fix all the issues. But hope to get review from another committer to make sure nothing else left behind.

► O Hadoop QA added a comment - 30/Dec/16 05:45



Vote	Subsystem	Runtime	Comment
0	reexec	0m 19s	Docker mode activated.
+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.
0	mvndep	0m 22s	Maven dependency ordering for branch

PM			[YARN-3866] AM-RM protocol changes to support container resizing - ASF JIRA
+1	mvninstall	7m 46s	branch-2.8 passed
+1	compile	2m 29s	branch-2.8 passed with JDK v1.8.0_111
+1	compile	2m 35s	branch-2.8 passed with JDK v1.7.0_121
+1	checkstyle	0m 37s	branch-2.8 passed
+1	mvnsite	2m 15s	branch-2.8 passed
+1	mvneclipse	1m 3s	branch-2.8 passed
+1	findbugs	4m 41s	branch-2.8 passed
+1	javadoc	1m 22s	branch-2.8 passed with JDK v1.8.0_111
+1	javadoc	1m 34s	branch-2.8 passed with JDK v1.7.0_121
0	mvndep	0m 11s	Maven dependency ordering for patch
+1	mvninstall	1m 42s	the patch passed
+1	compile	1m 47s	the patch passed with JDK v1.8.0_111
+1	СС	1m 47s	the patch passed
-1	javac	1m 47s	hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111 with JDK v1.8.0_111 generated 18 new + 39 unchanged - 0 fixed = 57 total (was 39)
+1	compile	2m 20s	the patch passed with JDK v1.7.0_121
+1	СС	2m 20s	the patch passed
-1	javac	2m 20s	hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121 with JDK v1.7.0_121 generated 20 new + 48 unchanged - 0 fixed = 68 total (was 48)
-0	checkstyle	0m 35s	hadoop-yarn-project/hadoop-yarn: The patch generated 32 new + 102 unchanged - 0 fixed = 134 total (was 102)
+1	mvnsite	2m 8s	the patch passed
+1	mvneclipse	0m 54s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	4m 59s	the patch passed
+1	javadoc	1m 23s	the patch passed with JDK v1.8.0_111
+1	javadoc	1m 33s	the patch passed with JDK v1.7.0_121
+1	unit	0m 30s	hadoop-yarn-api in the patch passed with JDK v1.7.0_121.
+1	unit	2m 30s	hadoop-yarn-common in the patch passed with JDK v1.7.0_121.
-1	unit	75m 1s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.7.0_121.
-1	unit	66m 23s	hadoop-yarn-client in the patch failed with JDK v1.7.0_121.
+1	asflicense	0m 20s	The patch does not generate ASF License warnings.
		338m 17s	

Reason	Tests
JDK v1.8.0_111 Failed junit tests	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.client.api.impl.TestAMRMProxy
	hadoop.yarn.client.TestGetGroups
JDK v1.8.0_111 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient

JDK v1.7.0_121 Failed junit tests	hadoop.yarn.server.resourcemanager.scheduler.capacity.TestCapacitySchedulerSurgicalPreemption
	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop.yarn.server.resourcemanager.scheduler.fair.TestFairScheduler
	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.client.api.impl.TestAMRMProxy
	hadoop.yarn.client.TestGetGroups
JDK v1.7.0_121 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient

Subsystem	Report/Notes
Docker	Image:yetus/hadoop:5af2af1
JIRA Issue	YARN-3866
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12843318/YARN-3866-branch-2.8.addendum.3.patch
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle cc
uname	Linux 38649e3a2f6e 3.13.0-105-generic #152-Ubuntu SMP Fri Dec 2 15:37:11 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	branch-2.8 / 1e886e7
Default Java	1.7.0_121
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_111 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_121
findbugs	v3.0.0
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14502/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111.txt
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14502/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121.txt
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/14502/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14502/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_resourcemanager-jdk1.7.0_121.txt
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14502/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-client-jdk1.7.0_121.txt
JDK v1.7.0_121 Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/14502/testReport/
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client U: hadoop-yarn-project/hadoop-yarn
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14502/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

The unit tests failed shouldn't be relevant to the patch. Most failed tests are common seen, the only one I didn't noticed before is TestCapacitySchedulerSurgicalPreemption which get tracked in YARN-5973. I verified locally to see if w/o the patch will affect these unit test failures. Here is the results:

Tests	Without Patch	With Patch
TestCapacitySchedulerSurgicalPreemption	FAILED	FAILED
TestAMAuthorization	FAILED	FAILED
TestFairScheduler	SUCCEED	SUCCEED
TestClientRMTokens	FAILED	FAILED
TestAMRMProxy	SUCCEED	SUCCEED
TestGetGroups	FAILED	FAILED

From JACC report, we can see previous incompatible API issues involved in YARN 3866 are resolved. The javac warning is just annoying because we are adding back deprecated APIs for better compatibility.

I am planning to go ahead to commit the latest addendum patch before the end of today. Please comments if you have any concerns.

▼ ○ Wangda Tan added a comment - 03/Jan/17 22:57 - edited

Thanks junping_du for reviewing this!

Once you committed the patch to 2.8, please keep this patch open and block version to 2.9.0 / 3.0.0, I need to add addendum patch to make sure 2.9.0/3.0.0 is compatible to older releases.

■ Wangda Tan added a comment - 03/Jan/17 23:59

Attached fix for branch-2.

▼ ○ Wangda Tan added a comment - 04/Jan/17 00:08

I forgot to make changes to proto file which suggest by asuresh. (move updateContainer to 16).

Attached ver.4 patch for branch-2.8 as well (ver.4 addendum patch for branch-2 already included the change)

▼ ○ Hadoop QA added a comment - 04/Jan/17 00:09



Vote	Subsystem	Runtime	Comment
0	reexec	0m 0s	Docker mode activated.
-1	docker	0m 49s	Docker failed to build yetus/hadoop:b59b8b7.

Subsystem	Report/Notes
JIRA Issue	YARN-3866
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12845452/YARN-3866-branch-2.addendum.4.patch
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14535/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

This message was automatically generated.

Junping Du added a comment - 04/Jan/17 01:31

I forgot to make changes to proto file which suggest by Arun Suresh. (move updateContainer to 16).

My bad too. I forget to double check it. I believe addendum 4 don't have this issue any more. Will wait for Jenkins results...

▼ ○ Hadoop QA added a comment - 04/Jan/17 02:51



Vote	Subsystem	Runtime	Comment	
0	reexec	0m 17s	Docker mode activated.	
+1	@author	0m 0s	The patch does not contain any @author tags.	
+1	test4tests	0m 0s	he patch appears to include 2 new or modified test files.	
0	mvndep	0m 11s	Maven dependency ordering for branch	
+1	mvninstall	8m 56s	branch-2 passed	
+1	compile	2m 9s	branch-2 passed with JDK v1.8.0_111	
+1	compile	2m 24s	branch-2 passed with JDK v1.7.0_121	
+1	checkstyle	0m 44s	branch-2 passed	
+1	mvnsite	2m 3s	branch-2 passed	
+1	mvneclipse	0m 59s	branch-2 passed	
+1	findbugs	4m 9s	branch-2 passed	
+1	javadoc	1m 16s	branch-2 passed with JDK v1.8.0_111	
+1	javadoc	1m 31s	branch-2 passed with JDK v1.7.0_121	
0	mvndep	0m 11s	Maven dependency ordering for patch	
+1	mvninstall	1m 43s	the patch passed	
+1	compile	1m 57s	the patch passed with JDK v1.8.0_111	
+1	СС	1m 57s	the patch passed	
-1	javac	1m 57s	hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111 with JDK v1.8.0_111 generated 18 new + 41 unchanged - 0 fixed = 59 total (was 41)	
+1	compile	2m 28s	the patch passed with JDK v1.7.0_121	
+1	СС	2m 28s	the patch passed	
-1	javac	2m 28s	hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121 with JDK v1.7.0_121 generated 20 new + 50 unchanged - 0 fixed = 70 total (was 50)	
-0	checkstyle	0m 41s	hadoop-yarn-project/hadoop-yarn: The patch generated 33 new + 103 unchanged - 0 fixed = 136 total (was 103)	
+1	mvnsite	2m 7s	the patch passed	
+1	mvneclipse	0m 52s	the patch passed	
+1	whitespace	0m 0s	The patch has no whitespace issues.	
+1	findbugs	5m 12s	the patch passed	
+1	javadoc	1m 23s	the patch passed with JDK v1.8.0_111	
+1	javadoc	1m 36s	the patch passed with JDK v1.7.0_121	
+1	unit	0m 27s	hadoop-yarn-api in the patch passed with JDK v1.7.0_121.	
+1	unit	2m 28s	hadoop-yarn-common in the patch passed with JDK v1.7.0_121.	
-1	unit	39m 15s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.7.0_121.	
+1	unit	16m 37s	hadoop-yarn-client in the patch passed with JDK v1.7.0_121.	
+1	asflicense	0m 20s	The patch does not generate ASF License warnings.	
		167m 16s		

Reason	Tests
JDK v1.7.0_121 Failed junit tests	hadoop.yarn.server.resourcemanager.TestRMRestart

Subsystem	Report/Notes				
Docker	Image:yetus/hadoop:b59b8b7				
JIRA Issue	YARN 3866				
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12845452/YARN-3866-branch-2.addendum.4.patch				
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle cc				
uname	Linux bb939c5ea59c 3.13.0-95-generic #142-Ubuntu SMP Fri Aug 12 17:00:09 UTC 2016 x86_64 x86_64 GNU/Linux				
Build tool	maven				
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh				
git revision	branch-2 / dc2e44e				
Default Java	1.7.0_121				
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_111 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_121				
findbugs	v3.0.0				
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14534/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111.txt				
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14534/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121.txt				
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/14534/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt				
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14534/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.7.0_121.txt				
JDK v1.7.0_121 Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/14534/testReport/				
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client U: hadoop-yarn-project/hadoop-yarn				
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14534/console				
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org				

➤ ○ Hadoop QA added a comment - 04/Jan/17 05:59



Vote	Subsystem	Runtime	Comment
0	reexec	13m 27s	Docker mode activated.
+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.
0	mvndep	2m 27s	Maven dependency ordering for branch
+1	mvninstall	7m 16s	branch-2.8 passed
+1	compile	2m 1s	branch-2.8 passed with JDK v1.8.0_111
+1	compile	2m 21s	branch-2.8 passed with JDK v1.7.0_121
+1	checkstyle	0m 37s	branch-2.8 passed
+1	mvnsite	2m 1s	branch-2.8 passed

/ 1 IVI			[17447-3000]7447-KM protocol changes to support container resizing - 7451 31474
+1	mvneclipse	0m 57s	branch-2.8 passed
+1	findbugs	4m 5s	branch-2.8 passed
+1	javadoc	1m 23s	branch-2.8 passed with JDK v1.8.0_111
+1	javadoc	1m 28s	branch-2.8 passed with JDK v1.7.0_121
0	mvndep	0m 11s	Maven dependency ordering for patch
+1	mvninstall	1m 48s	the patch passed
+1	compile	1m 57s	the patch passed with JDK v1.8.0_111
+1	сс	1m 57s	the patch passed
-1	javac	1m 57s	hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111 with JDK v1.8.0_111 generated 18 new + 39 unchanged - 0 fixed = 57 total (was 39)
+1	compile	2m 21s	the patch passed with JDK v1.7.0_121
+1	сс	2m 21s	the patch passed
-1	javac	2m 21s	hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121 with JDK v1.7.0_121 generated 20 new + 48 unchanged - 0 fixed = 68 total (was 48)
-0	checkstyle	0m 33s	hadoop-yarn-project/hadoop-yarn: The patch generated 32 new + 102 unchanged - 0 fixed = 134 total (was 102)
+1	mvnsite	1m 59s	the patch passed
+1	mvneclipse	0m 53s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	4m 50s	the patch passed
+1	javadoc	1m 16s	the patch passed with JDK v1.8.0_111
+1	javadoc	1m 29s	the patch passed with JDK v1.7.0_121
+1	unit	0m 26s	hadoop-yarn-api in the patch passed with JDK v1.7.0_121.
+1	unit	2m 25s	hadoop-yarn-common in the patch passed with JDK v1.7.0_121.
-1	unit	74m 8s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.7.0_121.
-1	unit	66m 10s	hadoop-yarn-client in the patch failed with JDK v1.7.0_121.
+1	asflicense	0m 20s	The patch does not generate ASF License warnings.
		349m 24s	

Reason	Tests	
JDK v1.8.0_111 Failed junit tests	hadoop.yarn.server.resourcemanager.TestClientRMTokens	
	hadoop.yarn.server.resourcemanager.scheduler.capacity.TestCapacitySchedulerSurgicalPreemption	
	hadoop.yarn.server.resourcemanager.scheduler.capacity.TestCapacitySchedulerLazyPreemption	
	hadoop.yarn.server.resourcemanager.TestAMAuthorization	
	hadoop.yarn.client.api.impl.TestAMRMProxy	
	hadoop.yarn.client.TestGetGroups	
JDK v1.8.0_111 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI	
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient	
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient	
	org.apache.hadoop.yarn.client.api.impl.TestNMClient	
JDK v1.7.0_121 Failed junit tests	hadoop.yarn.server.resourcemanager.TestClientRMTokens	
	hadoop.yarn.server.resourcemanager.TestAMAuthorization	
	hadoop.yarn.client.api.impl.TestAMRMProxy	

	hadoop.yarn.client.TestGetGroups
JDK v1.7.0_121 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient

Subsystem	Report/Notes	
Docker	Image:yetus/hadoop:5af2af1	
JIRA Issue	YARN 3866	
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12845454/YARN-3866-branch-2.8.addendum.4.patch	
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle cc	
uname	Linux 3ed7b4260af2 3.13.0-103-generic #150-Ubuntu SMP Thu Nov 24 10:34:17 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux	
Build tool	maven	
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh	
git revision	branch-2.8 / ebafe07	
Default Java	1.7.0_121	
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_111 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_121	
findbugs	v3.0.0	
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14536/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111.txt	
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14536/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121.txt	
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/14536/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt	
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14536/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.7.0_121.txt	
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14536/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-client-jdk1.7.0_121.txt	
JDK v1.7.0_121 Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/14536/testReport/	
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client U: hadoop-yarn-project/hadoop-yarn	
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14536/console	
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org	

➤ ○ Hadoop QA added a comment - 04/Jan/17 06:02



Vote	Subsystem	Runtime	Comment
0	reexec	7m 24s	Docker mode activated.

PIVI			[TAKN-3800] AWI-KM protocol changes to support container resizing - ASF JIKA	
+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.	
0	mvndep	2m 26s	Maven dependency ordering for branch	
+1	mvninstall	7m 36s	branch-2.8 passed	
+1	compile	2m 0s	branch-2.8 passed with JDK v1.8.0_111	
+1	compile	2m 13s	branch-2.8 passed with JDK v1.7.0_121	
+1	checkstyle	0m 35s	branch-2.8 passed	
+1	mvnsite	2m 3s	branch-2.8 passed	
+1	mvneclipse	0m 54s	branch-2.8 passed	
+1	findbugs	4m 12s	branch-2.8 passed	
+1	javadoc	1m 22s	branch-2.8 passed with JDK v1.8.0_111	
+1	javadoc	1m 31s	branch-2.8 passed with JDK v1.7.0_121	
0	mvndep	0m 12s	Maven dependency ordering for patch	
+1	mvninstall	1m 44s	the patch passed	
+1	compile	1m 57s	the patch passed with JDK v1.8.0_111	
+1	СС	1m 57s	the patch passed	
-1	javac	1m 57s	hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111 with JDK v1.8.0_111 generated 18 new + 39 unchanged - 0 fixed = 57 total (was 39)	
+1	compile	2m 15s	the patch passed with JDK v1.7.0_121	
+1	СС	2m 15s	the patch passed	
-1	javac	2m 15s	hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121 with JDK v1.7.0_121 generated 20 new + 48 unchanged - 0 fixed = 68 total (was 48)	
-0	checkstyle	0m 34s	hadoop-yarn-project/hadoop-yarn: The patch generated 32 new + 102 unchanged - 0 fixed = 134 total (was 102)	
+1	mvnsite	1m 55s	the patch passed	
+1	mvneclipse	0m 53s	the patch passed	
+1	whitespace	0m 0s	The patch has no whitespace issues.	
+1	findbugs	4m 58s	the patch passed	
+1	javadoc	1m 21s	the patch passed with JDK v1.8.0_111	
+1	javadoc	1m 26s	the patch passed with JDK v1.7.0_121	
+1	unit	0m 28s	hadoop-yarn-api in the patch passed with JDK v1.7.0_121.	
+1	unit	2m 24s	hadoop-yarn-common in the patch passed with JDK v1.7.0_121.	
-1	unit	73m 58s	hadoop-yarn-server-resourcemanager in the patch failed with JDK v1.7.0_121.	
-1	unit	66m 10s	hadoop-yarn-client in the patch failed with JDK v1.7.0_121.	
+1	asflicense	0m 22s	The patch does not generate ASF License warnings.	
		342m 57s		

Reason	Tests
JDK v1.8.0_111 Failed junit tests	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop.yarn.client.api.impl.TestAMRMProxy
	hadoop.yarn.client.TestGetGroups
JDK v1.8.0_111 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient

	org.apache.hadoop.yarn.client.api.impl.TestNMClient
JDK v1.7.0_121 Failed junit tests	hadoop.yarn.server.resourcemanager.TestClientRMTokens
	hadoop.yarn.server.resourcemanager.TestAMAuthorization
	hadoop.yarn.client.api.impl.TestAMRMProxy
	hadoop.yarn.client.TestGetGroups
JDK v1.7.0_121 Timed out junit tests	org.apache.hadoop.yarn.client.cli.TestYarnCLI
	org.apache.hadoop.yarn.client.api.impl.TestAMRMClient
	org.apache.hadoop.yarn.client.api.impl.TestYarnClient
	org.apache.hadoop.yarn.client.api.impl.TestNMClient

Subsystem	Report/Notes	
Docker	Image:yetus/hadoop:5af2af1	
JIRA Issue	YARN 3866	
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12845454/YARN-3866-branch-2.8.addendum.4.patch	
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle cc	
uname	Linux 819ad645cddf 3.13.0-103-generic #150-Ubuntu SMP Thu Nov 24 10:34:17 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux	
Build tool	maven	
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh	
git revision	branch-2.8 / ebafe07	
Default Java	1.7.0_121	
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_111 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_121	
findbugs	v3.0.0	
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14537/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.8.0_111.txt	
javac	https://builds.apache.org/job/PreCommit-YARN-Build/14537/artifact/patchprocess/diff-compile-javac-hadoop-yarn-project_hadoop-yarn-jdk1.7.0_121.txt	
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/14537/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt	
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14537/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager-jdk1.7.0_121.txt	
unit	https://builds.apache.org/job/PreCommit-YARN-Build/14537/artifact/patchprocess/patch-unit-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-client-jdk1.7.0_121.txt	
JDK v1.7.0_121 Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/14537/testReport/	
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-client U: hadoop-yarn-project/hadoop-yarn	
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/14537/console	
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org	

✓ ○ Junping Du added a comment - 04/Jan/17 08:12

I have commit branch-2.8.addendum.4.patch to branch-2.8.

+1 on branch-2 addendum patch too. Will commit it shortly.

Junping Du added a comment - 08/Jan/17 05:42

I have commit branch-2 patch also. Thanks leftnoteasy for the addendum patch! For tracking trunk effort, I already filed a separated one - \frac{YARN-6071}{2}.

People

Assignee:



Reporter:



Votes:

O Vote for this issue

Watchers:

13 Start watching this issue

Dates

Created:

29/Jun/15 13:56

Updated:

25/Oct/19 20:27

Resolved:

08/Jan/17 05:42