



Excessive logging in RM

Details

Type:	Improvement	Status:	CLOSED
Priority:	Minor	Resolution:	Fixed
Affects Version/s:	2.4.0, 3.0.0-alpha1	Fix Version/s:	2.4.1
Component/s:	scheduler		
Labels:	None		
Target Version/s:	2.4.1		
Hadoop Flags:	Reviewed		

Description

Mostly in the CS I believe

```
INFO org.apache.hadoop.yarn.server.resourcemanager.scheduler.SchedulerApplicationAttempt: Application
application_1395435468498_0011 reserved container container_1395435468498_0011_01_000213 on node host: #containers=5
available=4096 used=20960, currently has 1 at priority 4; currentReservation 4096

INFO org.apache.hadoop.yarn.server.resourcemanager.scheduler.capacity.LeafQueue: hive2 usedResources: <memory:20480,
vCores:5> clusterResources: <memory:81920, vCores:16> currentCapacity 0.25 required <memory:4096, vCores:1>
potentialNewCapacity: 0.255 ( max-capacity: 0.25)
```

Attachments

YARN-1892.1.patch	9 kB	31/Mar/14 18:22
YARN-1892.2.patch	10 kB	02/Apr/14 03:13
YARN-1892.3.patch	11 kB	15/Apr/14 18:05

Activity

- Jian He added a comment - 31/Mar/14 18:22

Simple patch to clean some CS loggings. These logs will become more excessive if async scheduling is enabled, log per 5ms cycle by default.

Move a few redundant logs regarding container reservation to debug level.

Fix a few log formats and contents.
- Hadoop QA added a comment - 31/Mar/14 19:10

-1 overall. Here are the results of testing the latest attachment <http://issues.apache.org/jira/secure/attachment/12637891/YARN-1892.1.patch> against trunk revision .

+1 @author. The patch does not contain any @author tags.

-1 tests included. The patch doesn't appear to include any new or modified tests. Please justify why no new tests are needed for this patch. Also please list what manual steps were performed to verify this patch.

+1 javac. The applied patch does not increase the total number of javac compiler warnings.

+1 javadoc. There were no new javadoc warning messages.

+1 eclipse:eclipse. The patch built with eclipse:eclipse.

+1 findbugs. The patch does not introduce any new Findbugs (version 1.3.9) warnings.

+1 **release audit**. The applied patch does not increase the total number of release audit warnings.

+1 **core tests**. The patch passed unit tests in hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager.

+1 **contrib tests**. The patch passed contrib unit tests.


Test results: <https://builds.apache.org/job/PreCommit-YARN-Build/3492//testReport/>

Console output: <https://builds.apache.org/job/PreCommit-YARN-Build/3492//console>

This message is automatically generated.

▼  **Jian He** added a comment - 02/Apr/14 03:13

Added a side fix to move "sending container statuses..." in NodeStatusUpdater to info level

▼  **Hadoop QA** added a comment - 02/Apr/14 04:11

-1 **overall**. Here are the results of testing the latest attachment

<http://issues.apache.org/jira/secure/attachment/12638189/YARN-1892.2.patch>
against trunk revision .

+1 **@author**. The patch does not contain any @author tags.

-1 **tests included**. The patch doesn't appear to include any new or modified tests.

Please justify why no new tests are needed for this patch.

Also please list what manual steps were performed to verify this patch.

+1 **javac**. The applied patch does not increase the total number of javac compiler warnings.

+1 **javadoc**. There were no new javadoc warning messages.

+1 **eclipse:eclipse**. The patch built with eclipse:eclipse.

+1 **findbugs**. The patch does not introduce any new Findbugs (version 1.3.9) warnings.

+1 **release audit**. The applied patch does not increase the total number of release audit warnings.


+1 **core tests**. The patch passed unit tests in hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager.

+1 **contrib tests**. The patch passed contrib unit tests.

Test results: <https://builds.apache.org/job/PreCommit-YARN-Build/3503//testReport/>

Console output: <https://builds.apache.org/job/PreCommit-YARN-Build/3503//console>

This message is automatically generated.


▼  **Zhijie Shen** added a comment - 15/Apr/14 17:59

NM log will be full of the following sentence as it is recorded on every heartbeat.


```
- if (LOG.isDebugEnabled()) {  
-     LOG.debug(this.nodeId + " sending out status for "  
-         + containersStatuses.size() + " containers");  
- }  
+ LOG.info(this.nodeId + " sending out container statuses: "  
+     + containersStatuses);
```

▼  **Jian He** added a comment - 15/Apr/14 18:05

Thanks zhijie for the review, updated the patch

▼  **Zhijie Shen** added a comment - 15/Apr/14 18:17

+1, LGTM, will commit the patch upon jenkins comments it.

▼  **Hadoop QA** added a comment - 15/Apr/14 19:02

-1 **overall**. Here are the results of testing the latest attachment

<http://issues.apache.org/jira/secure/attachment/12640304/YARN-1892.3.patch>
against trunk revision .

+1 @author. The patch does not contain any @author tags.

-1 tests included. The patch doesn't appear to include any new or modified tests.

Please justify why no new tests are needed for this patch.

Also please list what manual steps were performed to verify this patch.

+1 javac. The applied patch does not increase the total number of javac compiler warnings.

+1 javadoc. There were no new javadoc warning messages.

+1 eclipse:eclipse. The patch built with eclipse:eclipse.

+1 findbugs. The patch does not introduce any new Findbugs (version 1.3.9) warnings.

+1 release audit. The applied patch does not increase the total number of release audit warnings.


+1 core tests. The patch passed unit tests in hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager.

+1 contrib tests. The patch passed contrib unit tests.

Test results: <https://builds.apache.org/job/PreCommit-YARN-Build/3571/testReport/>

Console output: <https://builds.apache.org/job/PreCommit-YARN-Build/3571/console>

This message is automatically generated.

▼  Zhijie Shen added a comment - 15/Apr/14 20:45

Committed to trunk, branch-2 and branch-2.4. Thanks, Jian!

▼  Hudson added a comment - 15/Apr/14 21:35

SUCCESS: Integrated in Hadoop-trunk-Commit #5521 (See <https://builds.apache.org/job/Hadoop-trunk-Commit/5521/>)

~~YARN-1892~~. Improved some logs in the scheduler. Contributed by Jian He. (zjshen: <http://svn.apache.org/viewcvcs.cgi?root=Apache-SVN&view=rev&rev=1587717>)

- /hadoop/common/trunk/hadoop-yarn-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/NodeStatusUpdaterImpl.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/SchedulerApplicationAttempt.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/capacity/LeafQueue.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/common/fica/FiCaSchedulerNode.java

▼  Hudson added a comment - 16/Apr/14 11:25

SUCCESS: Integrated in Hadoop-Yarn-trunk #542 (See <https://builds.apache.org/job/Hadoop-Yarn-trunk/542/>)

~~YARN-1892~~. Improved some logs in the scheduler. Contributed by Jian He. (zjshen: <http://svn.apache.org/viewcvcs.cgi?root=Apache-SVN&view=rev&rev=1587717>)

- /hadoop/common/trunk/hadoop-yarn-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/NodeStatusUpdaterImpl.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/SchedulerApplicationAttempt.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/capacity/LeafQueue.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/common/fica/FiCaSchedulerNode.java

▼  Hudson added a comment - 16/Apr/14 14:11

SUCCESS: Integrated in Hadoop-Hdfs-trunk #1734 (See <https://builds.apache.org/job/Hadoop-Hdfs-trunk/1734/>)

~~YARN-1892~~. Improved some logs in the scheduler. Contributed by Jian He. (zjshen: <http://svn.apache.org/viewcvcs.cgi?root=Apache-SVN&view=rev&rev=1587717>)

- /hadoop/common/trunk/hadoop-yarn-project/CHANGES.txt

- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/NodeStatusUpdaterImpl.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/SchedulerApplicationAttempt.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/capacity/LeafQueue.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/common/fica/FiCaSchedulerNode.java


▼  Hudson added a comment - 16/Apr/14 15:02

SUCCESS: Integrated in Hadoop-Mapreduce-trunk #1759 (See <https://builds.apache.org/job/Hadoop-Mapreduce-trunk/1759/>)
YARN-1892. Improved some logs in the scheduler. Contributed by Jian He. (zjshen: <http://svn.apache.org/viewcvcs.cgi/?root=Apache-SVN&view=rev&rev=1587717>)

- /hadoop/common/trunk/hadoop-yarn-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-nodemanager/src/main/java/org/apache/hadoop/yarn/server/nodemanager/NodeStatusUpdaterImpl.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/SchedulerApplicationAttempt.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/capacity/LeafQueue.java
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/common/fica/FiCaSchedulerNode.java

▼ People

Assignee:

 Jian He

Reporter:

 Siddharth Seth

Votes:

 0 Vote for this issue

Watchers:

 4 Start watching this issue

▼ Dates

Created:

28/Mar/14 23:08

Updated:

12/May/16 18:29

Resolved:

15/Apr/14 20:45