Hadoop YARN / YARN-2241

ZKRMStateStore: On startup, show nicer messages if znodes already exist

Details

Type:	🟥 Bug	Status:	**CLOSED**
Priority:	⤵ Minor	Resolution:	Fixed
Affects Version/s:	2.5.0	Fix Version/s:	2.5.0
Component/s:	resourcemanager		
Labels:	None		
Target Version/s:	2.5.0		
Hadoop Flags:	Reviewed		

Description

When using the RMZKStateStore, if you restart the RM, you get a bunch of stack traces with messages like `org.apache.zookeeper.KeeperException$NodeExistsException: KeeperErrorCode = NodeExists for /rmstore`. This is expected as these nodes already exist from before. We should catch these and print nicer messages.

Attachments

📄 YARN-2241.patch	2 kB	02/Jul/14 05:48
📄 YARN-2241.patch	3 kB	01/Jul/14 23:56

Activity

↑

Robert Kanter added a comment - 01/Jul/14 23:56

The Exception catching was simply in the wrong place; I moved it to the right place and it now prints a nicer DEBUG message instead of the exceptions/stack traces. I also added a unit test.

Hadoop QA added a comment - 02/Jul/14 00:51

+1 overall. Here are the results of testing the latest attachment
http://issues.apache.org/jira/secure/attachment/12653496/YARN-2241.patch
against trunk revision .

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

+1 tests included. The patch appears to include 1 new or modified test files.

+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/4165//testReport/
Console output: https://builds.apache.org/job/PreCommit-YARN-Build/4165//console

This message is automatically generated.

Karthik Kambatla (Inactive) added a comment - 02/Jul/14 01:58

oks good. +1

Karthik Kambatla (Inactive) added a comment - 02/Jul/14 02:18

I ll have to retract that +1. The fix is good, but the test doesn't do much.

Actually, the test doesn't fail without the fix. Is that intentional? Without this patch, these exceptions are merely logged and not thrown. I am okay with a patch without the test since we are just changing the logging.

Karthik Kambatla (Inactive) added a comment - 02/Jul/14 02:22

I am okay with leaving the test in there to avoid regressions of throwing exceptions in the future.

Robert Kanter added a comment - 02/Jul/14 05:48

You're right, it doesn't fail without the fix; I must have checked it with something slightly different than the old code when I tried it. In that case I don't think we need the test; it's a pretty simple fix and I was able to verify that it worked correctly.

I've uploaded a new patch that doesn't have the test.

Hadoop QA added a comment - 02/Jul/14 06:41

-1 overall. Here are the results of testing the latest attachment
http://issues.apache.org/jira/secure/attachment/12653540/YARN-2241.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/4174//testReport/
Console output: https://builds.apache.org/job/PreCommit-YARN-Build/4174//console

This message is automatically generated.

Karthik Kambatla (Inactive) added a comment - 02/Jul/14 19:47

+1

Karthik Kambatla (Inactive) added a comment - 02/Jul/14 20:36

Thanks Robert. Just committed this to trunk and branch-2.

Hudson added a comment - 02/Jul/14 20:47

SUCCESS: Integrated in Hadoop-trunk-Commit #5811 (See https://builds.apache.org/job/Hadoop-trunk-Commit/5811/)
YARN-2241. ZKRMStateStore: On startup, show nicer messages if znodes already exist. (Robert Kanter via kasha) (kasha:
http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1607473)

- /hadoop/common/trunk/hadoop-yarn-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/recovery/ZKRMStateStore.java

Hudson added a comment - 03/Jul/14 11:29

SUCCESS: Integrated in Hadoop-Yarn-trunk #602 (See https://builds.apache.org/job/Hadoop-Yarn-trunk/602/)
YARN-2241. ZKRMStateStore: On startup, show nicer messages if znodes already exist. (Robert Kanter via kasha) (kasha:
http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1607473)

- /hadoop/common/trunk/hadoop-yarn-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/recovery/ZKRMStateStore.java

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Hudson added a comment - 03/Jul/14 14:07

FAILURE: Integrated in Hadoop-Hdfs-trunk #1793 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk/1793/)
YARN-2241. ZKRMStateStore: On startup, show nicer messages if znodes already exist. (Robert Kanter via kasha) (kasha:
http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1607473)

- /hadoop/common/trunk/hadoop-yarn-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/recovery/ZKRMStateStore.java

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Hudson added a comment - 03/Jul/14 15:17

FAILURE: Integrated in Hadoop-Mapreduce-trunk #1820 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk/1820/)
YARN-2241. ZKRMStateStore: On startup, show nicer messages if znodes already exist. (Robert Kanter via kasha) (kasha:
http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1607473)

- /hadoop/common/trunk/hadoop-yarn-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/recovery/ZKRMStateStore.java

People

Assignee:

Robert Kanter

Reporter:

Robert Kanter

Votes:

0 Vote for this issue

Watchers:

5 Start watching this issue

Dates

Created:

01/Jul/14 23:02

Updated:

15/Aug/14 05:44

Resolved:

02/Jul/14 20:36