Public signup for this instance is **disabled**. Go to our Self serve sign up page to request an account.

Hadoop YARN / YARN-10247

Application priority queue ACLs are not respected

∨ Details

Type:	☑ Task		Status:	**RESOLVED**
Priority:	⛔ Blocker		Resolution:	Fixed
Affects Version/s:	None		Fix Version/s:	3.3.0, 3.4.0
Component/s:	capacity scheduler			
Labels:	None			
Target Version/s:	3.3.0			
Hadoop Flags:	Reviewed			

∨ Description

This is a regression from queue path jira.

App priority acls are not working correctly.

```
yarn.scheduler.capacity.root.B.acl_application_max_priority=[user=john group=users max_priority=4]
```

max_priority enforcement is not working. For user john, maximum supported priority is 4. However I can submit like priority 6 for this user.

∨ Attachments

📄	YARN-10247.0001.patch	3 kB	28/Apr/20 10:44

∨ Issue Links

is broken by

🔲 YARN-9879 Allow multiple leaf queues with the same name in CapacityScheduler		⏫ **RESOLVED**

∨ Activity

↑

∨ ⊙ Sunil G added a comment - 28/Apr/20 10:44

shuzirra prabhujoseph pls help to review this change.

∨ ⊙ Hadoop QA added a comment - 28/Apr/20 13:38

✅ **+1 overall**

Vote	Subsystem	Runtime	Comment
0	reexec	1m 25s	Docker mode activated.
			Prechecks
+1	dupname	0m 0s	No case conflicting files found.
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 1 new or modified test files.
			trunk Compile Tests
+1	mvninstall	25m 31s	trunk passed
+1	compile	0m 56s	trunk passed
+1	checkstyle	0m 42s	trunk passed
+1	mvnsite	0m 50s	trunk passed

+1	mvnsite	0m 59s	trunk passed
+1	shadedclient	17m 49s	branch has no errors when building and testing our client artifacts.
+1	javadoc	0m 36s	trunk passed
0	spotbugs	1m 59s	Used deprecated FindBugs config; considering switching to SpotBugs.
+1	findbugs	1m 58s	trunk passed
			Patch Compile Tests
+1	mvninstall	0m 55s	the patch passed
+1	compile	0m 49s	the patch passed
+1	javac	0m 49s	the patch passed
-0	checkstyle	0m 34s	hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager: The patch generated 1 new + 95 unchanged - 0 fixed = 96 total (was 95)
+1	mvnsite	0m 52s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	shadedclient	16m 6s	patch has no errors when building and testing our client artifacts.
+1	javadoc	0m 31s	the patch passed
+1	findbugs	2m 1s	the patch passed
			Other Tests
+1	unit	95m 21s	hadoop-yarn-server-resourcemanager in the patch passed.
+1	asflicense	0m 29s	The patch does not generate ASF License warnings.
		167m 14s	

Subsystem	Report/Notes
Docker	ClientAPI=1.40 ServerAPI=1.40 base: https://builds.apache.org/job/PreCommit-YARN-Build/25946/artifact/out/Dockerfile
JIRA Issue	YARN-10247
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/13001446/YARN-10247.0001.patch
Optional Tests	dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle
uname	Linux dae1af387d59 4.15.0-74-generic #84-Ubuntu SMP Thu Dec 19 08:06:28 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	personality/hadoop.sh
git revision	trunk / 5e0eda5d5f6
Default Java	Private Build-1.8.0_252-8u252-b09-1~18.04-b09
checkstyle	https://builds.apache.org/job/PreCommit-YARN-Build/25946/artifact/out/diff-checkstyle-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-resourcemanager.txt
Test Results	https://builds.apache.org/job/PreCommit-YARN-Build/25946/testReport/
Max. process+thread count	808 (vs. ulimit of 5500)
modules	C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager
Console output	https://builds.apache.org/job/PreCommit-YARN-Build/25946/console
versions	git=2.17.1 maven=3.6.0 findbugs=3.1.0-RC1
Powered by	Apache Yetus 0.12.0 https://yetus.apache.org

This message was automatically generated.

Brahma Reddy Battula added a comment - 29/Apr/20 05:57

prabhujoseph and shuzirra could you help to review this.. Looks straightforwad change.

▼ ◌ Gergely Pollák added a comment - 29/Apr/20 11:33

Hi sunilg, thank you for the patch, LGTM + 1 (non-binding)

The only thing I would change is we use the normalizeQueueName(queuePath) three times in the method, while we don't use the queuePath anymore, so it might be good to create a normalizedQueuePath variable and use it instead this way we would need to normalize only once. I've just noticed it now, I didn't see it when I made the changes to this method, and it is a really minor improvement, since normalisation is quite fast O(1) anyway.

▼ ◌ Szilard Nemeth added a comment - 29/Apr/20 13:54 - edited

Thanks sunilg for the patch, latest patch LGTM, committed to trunk and branch-3.3.
Thanks shuzirra for the quick review.

▼ ◌ Hudson added a comment - 29/Apr/20 14:10

SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #18198 (See https://builds.apache.org/job/Hadoop-trunk-Commit/18198/)
YARN-10247. Application priority queue ACLs are not respected. (snemeth: rev 410c605aec308a2ccd903f60aade3aaeefcaa610)

- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/test/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/capacity/TestApplicationPriorityACLs.java
- (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-resourcemanager/src/main/java/org/apache/hadoop/yarn/server/resourcemanager/scheduler/capacity/CapacityScheduler.java

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▼ ◌ Brahma Reddy Battula added a comment - 04/May/20 04:23

Pushed to branch-3.3.0 also as this was marked blocker for 3.3.0 release. Thanks all.

▼ People

Assignee:

◌ Sunil G

Reporter:

◌ Sunil G

Votes:

0 Vote for this issue

Watchers:

6 Start watching this issue

▼ Dates

Created:

28/Apr/20 07:32

Updated:

04/May/20 04:23

Resolved:

29/Apr/20 13:55