Hadoop Common  /  HADOOP-15441

# Log kms url and token service at debug level.

## Details

| | | | |
|---|---|---|---|
| Type: | ⬆ Improvement | Status: | RESOLVED |
| Priority: | Minor | Resolution: | Fixed |
| Affects Version/s: | None | Fix Version/s: | 2.10.0, 3.2.0, 3.1.1, 2.9.2, ... (2) |
| Component/s: | None | | |
| Labels: | None | | |

## Description

It looks like after HADOOP-14987, any encryption zone operations prints extra INFO log messages as follows:

```
$ hdfs dfs -copyFromLocal /etc/krb5.conf /scale/
18/05/02 11:54:55 INFO kms.KMSClientProvider: KMSClientProvider for KMS url: https://hadoop3-1.example.com:16000/kms/v1/
delegation token service: kms://https@hadoop3-1.example.com:16000/kms created.
```

It might make sense to make it a DEBUG message instead.

## Attachments

| | | | |
|---|---|---|---|
| 📄 | HADOOP-15441.001.patch | 1 kB | 04/May/18 12:21 |
| 📄 | HADOOP-15441.002.patch | 1 kB | 04/May/18 18:50 |
| 📄 | HADOOP-15441.003.patch | 1 kB | 12/May/18 10:19 |

## Issue Links

**is caused by**

| | | |
|---|---|---|
| ⬆ HADOOP-14987 Improve KMSClientProvider log around delegation token checking | ≫ | RESOLVED |

## Activity

↑

Rushabh Shah added a comment - 03/May/18 15:01

Also we have other logging in KMSTokenRenewer which is filling disk on our test cluster.
We need to make them debug too.
Will post a patch soon.

Rushabh Shah added a comment - 03/May/18 15:48

> Also we have other logging in KMSTokenRenewer which is filling disk on our test cluster.

Turns out that this excessive logging is fixed by HADOOP-15390

genericqa added a comment - 04/May/18 14:31

❌ **-1 overall**

| Vote | Subsystem | Runtime | Comment |
|---|---|---|---|
| 0 | reexec | 0m 21s | Docker mode activated. |
| | | | **Prechecks** |
| +1 | @author | 0m 0s | The patch does not contain any @author tags |

| +1 | @author | 0m 0s | The patch does not contain any @author tags. |
|----|---------|-------|----------------------------------------------|
| -1 | test4tests | 0m 0s | 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. |
| | | | **trunk Compile Tests** |
| +1 | mvninstall | 24m 57s | trunk passed |
| +1 | compile | 28m 4s | trunk passed |
| +1 | checkstyle | 0m 47s | trunk passed |
| +1 | mvnsite | 1m 9s | trunk passed |
| +1 | shadedclient | 12m 9s | branch has no errors when building and testing our client artifacts. |
| +1 | findbugs | 1m 30s | trunk passed |
| +1 | javadoc | 0m 55s | trunk passed |
| | | | **Patch Compile Tests** |
| +1 | mvninstall | 0m 46s | the patch passed |
| +1 | compile | 26m 58s | the patch passed |
| +1 | javac | 26m 58s | the patch passed |
| +1 | checkstyle | 0m 49s | the patch passed |
| +1 | mvnsite | 1m 4s | the patch passed |
| +1 | whitespace | 0m 0s | The patch has no whitespace issues. |
| +1 | shadedclient | 10m 0s | patch has no errors when building and testing our client artifacts. |
| +1 | findbugs | 1m 38s | the patch passed |
| +1 | javadoc | 0m 57s | the patch passed |
| | | | **Other Tests** |
| +1 | unit | 8m 48s | hadoop-common in the patch passed. |
| +1 | asflicense | 0m 36s | The patch does not generate ASF License warnings. |
| | | 121m 6s | |

| Subsystem | Report/Notes |
|-----------|--------------|
| Docker | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:abb62dd |
| JIRA Issue | HADOOP-15441 |
| JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12921944/HADOOP-15441.001.patch |
| Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle |
| uname | Linux 2e40806c6912 3.13.0-137-generic #186-Ubuntu SMP Mon Dec 4 19:09:19 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux |
| Build tool | maven |
| Personality | /testptch/patchprocess/precommit/personality/provided.sh |
| git revision | trunk / a3b416f |
| maven | version: Apache Maven 3.3.9 |
| Default Java | 1.8.0_162 |
| findbugs | v3.1.0-RC1 |
| Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/14580/testReport/ |
| Max. process+thread count | 1426 (vs. ulimit of 10000) |
| modules | C: hadoop-common-project/hadoop-common U: hadoop-common-project/hadoop-common |
| Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/14580/console |
| Powered by | Apache Yetus 0.8.0-SNAPSHOT http://yetus.apache.org |

This message was automatically generated.

**Rushabh Shah** added a comment - 04/May/18 15:05

Thanks gabor.bota for the patch.
One minor nit.
Use the pattern.

```
if (LOG.isDebugEnabled()) {
  LOG.debug("Response={}({}), resetting authToken",
      conn.getResponseCode(), conn.getResponseMessage());
}
```

**Wei-Chiu Chuang** added a comment - 04/May/18 15:17

I'm sorry I just realized this log was added in HADOOP-14987, instead of HADOOP-14445

**Gabor Bota** added a comment - 04/May/18 18:51

Thanks for the review shahrs87, I've fixed the patch, and I will use this pattern when using debug log.

**genericqa** added a comment - 04/May/18 21:15

❌ **-1 overall**

| Vote | Subsystem | Runtime | Comment |
|------|-----------|---------|---------|
| 0 | reexec | 0m 22s | Docker mode activated. |
| | | | **Prechecks** |
| +1 | @author | 0m 0s | The patch does not contain any @author tags. |
| -1 | test4tests | 0m 0s | 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. |
| | | | **trunk Compile Tests** |
| +1 | mvninstall | 26m 59s | trunk passed |
| +1 | compile | 30m 51s | trunk passed |
| +1 | checkstyle | 0m 52s | trunk passed |
| -1 | mvnsite | 2m 33s | hadoop-common in trunk failed. |
| +1 | shadedclient | 14m 1s | branch has no errors when building and testing our client artifacts. |
| +1 | findbugs | 1m 35s | trunk passed |
| +1 | javadoc | 0m 55s | trunk passed |
| | | | **Patch Compile Tests** |
| +1 | mvninstall | 0m 48s | the patch passed |
| +1 | compile | 28m 56s | the patch passed |
| +1 | javac | 28m 56s | the patch passed |
| +1 | checkstyle | 0m 49s | the patch passed |
| +1 | mvnsite | 1m 11s | the patch passed |
| +1 | whitespace | 0m 0s | The patch has no whitespace issues. |
| +1 | shadedclient | 10m 20s | patch has no errors when building and testing our client artifacts. |
| +1 | findbugs | 1m 47s | the patch passed |
| +1 | javadoc | 0m 57s | the patch passed |
| | | | **Other Tests** |
| +1 | unit | 9m 12s | hadoop-common in the patch passed. |
| +1 | asflicense | 0m 40s | The patch does not generate ASF License warnings. |

|  |  | 130m 57s |  |
|---|---|---|---|

| Subsystem | Report/Notes |
|---|---|
| Docker | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:abb62dd |
| JIRA Issue | HADOOP-15441 |
| JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12922099/HADOOP-15441.002.patch |
| Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle |
| uname | Linux d766203f3589 3.13.0-137-generic #186-Ubuntu SMP Mon Dec 4 19:09:19 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux |
| Build tool | maven |
| Personality | /testptch/patchprocess/precommit/personality/provided.sh |
| git revision | trunk / 96c843f |
| maven | version: Apache Maven 3.3.9 |
| Default Java | 1.8.0_162 |
| mvnsite | https://builds.apache.org/job/PreCommit-HADOOP-Build/14583/artifact/out/branch-mvnsite-hadoop-common-project_hadoop-common.txt |
| findbugs | v3.1.0-RC1 |
| Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/14583/testReport/ |
| Max. process+thread count | 1466 (vs. ulimit of 10000) |
| modules | C: hadoop-common-project/hadoop-common U: hadoop-common-project/hadoop-common |
| Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/14583/console |
| Powered by | Apache Yetus 0.8.0-SNAPSHOT http://yetus.apache.org |

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⌄ ◯ Xiao Chen added a comment - 07/May/18 21:21

Changed links based on Wei-Chiu's comment

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⌄ ◯ Xiaoyu Yao added a comment - 09/May/18 15:08

Thanks gabor.bota for the fix. The patch v2 looks good to me.

Since we are using slf4j, we don't really need `if(LOG.isDebugEnabled())`.

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⌄ ◯ Rushabh Shah added a comment - 09/May/18 15:34 - edited

Thanks gabor.bota for the updated patch.

> Since we are using slf4j, we don't really need `if(LOG.isDebugEnabled())`.

Thanks xyao for pointing this out.
I am happy with v1 of the patch. If everyone is ok, I will go ahead and commit v1 of patch today evening.
Gabor: can you please update the description and title of the jira.

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⌄ ◯ Xiaoyu Yao added a comment - 09/May/18 17:23

Thanks shahrs87, +1 for v1 patch.

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⌄ ◯ Gabor Bota added a comment - 09/May/18 19:01

Sure shahrs87, I've updated both.

⌄  ◉ Rushabh Shah added a comment - 10/May/18 15:55

Sorry for not committing yesterday.

> Since we are using slf4j, we don't really need if(LOG.isDebugEnabled()).

xyao: can you please elaborate why `isDebugEnabled` check is not enabled ?

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⌄  ◉ Ajay Kumar added a comment - 10/May/18 19:01

Since log message is parametrized it will not be evaluated if logging level is not DEBUG.
https://www.slf4j.org/faq.html#logging_performance

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⌄  ◉ Rushabh Shah added a comment - 10/May/18 19:50

> Since log message is parametrized it will not be evaluated if logging level is not DEBUG.

Thanks ajayydv !

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⌄  ◉ Rushabh Shah added a comment - 11/May/18 14:55

gabor.bota: The patch doesn't apply cleanly after revert of hadoop-14445.
Can you please rebase the patch.

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⌄  ◉ Gabor Bota added a comment - 12/May/18 10:20

Sure, I've uploaded v003.

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⌄  ◉ genericqa added a comment - 12/May/18 12:22

❌ -1 overall

| Vote | Subsystem | Runtime | Comment |
|---|---|---|---|
| 0 | reexec | 0m 29s | Docker mode activated. |
| | | | **Prechecks** |
| +1 | @author | 0m 0s | The patch does not contain any @author tags. |
| -1 | test4tests | 0m 0s | 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. |
| | | | **trunk Compile Tests** |
| +1 | mvninstall | 24m 45s | trunk passed |
| +1 | compile | 28m 11s | trunk passed |
| +1 | checkstyle | 0m 48s | trunk passed |
| +1 | mvnsite | 1m 7s | trunk passed |
| +1 | shadedclient | 12m 11s | branch has no errors when building and testing our client artifacts. |
| +1 | findbugs | 1m 29s | trunk passed |
| +1 | javadoc | 0m 55s | trunk passed |
| | | | **Patch Compile Tests** |
| +1 | mvninstall | 0m 46s | the patch passed |
| +1 | compile | 26m 56s | the patch passed |
| +1 | javac | 26m 56s | the patch passed |
| +1 | checkstyle | 0m 49s | the patch passed |
| +1 | mvnsite | 1m 5s | the patch passed |
| +1 | whitespace | 0m 1s | The patch has no whitespace issues. |
| +1 | shadedclient | 10m 7s | patch has no errors when building and testing our client artifacts. |

| +1 | findbugs | 1m 36s | the patch passed |
| +1 | javadoc | 0m 57s | the patch passed |
| | | | **Other Tests** |
| +1 | unit | 8m 51s | hadoop-common in the patch passed. |
| +1 | asflicense | 0m 36s | The patch does not generate ASF License warnings. |
| | | 121m 19s | |

| Subsystem | Report/Notes |
|---|---|
| Docker | Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:abb62dd |
| JIRA Issue | HADOOP-15441 |
| JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12923152/HADOOP-15441.003.patch |
| Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle |
| uname | Linux 827efed4f9fc 3.13.0-137-generic #186-Ubuntu SMP Mon Dec 4 19:09:19 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux |
| Build tool | maven |
| Personality | /testptch/patchprocess/precommit/personality/provided.sh |
| git revision | trunk / 0ff9456 |
| maven | version: Apache Maven 3.3.9 |
| Default Java | 1.8.0_162 |
| findbugs | v3.1.0-RC1 |
| Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/14617/testReport/ |
| Max. process+thread count | 1465 (vs. ulimit of 10000) |
| modules | C: hadoop-common-project/hadoop-common U: hadoop-common-project/hadoop-common |
| Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/14617/console |
| Powered by | Apache Yetus 0.8.0-SNAPSHOT http://yetus.apache.org |

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**Hudson** added a comment - 12/May/18 17:47

SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #14184 (See https://builds.apache.org/job/Hadoop-trunk-Commit/14184/)
HADOOP-15441. Log kms url and token service at debug level. Contributed (shahrs87: rev a5449d36312c3de953e05ba8b3b5acf818a0c7e7)

- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/crypto/key/kms/KMSClientProvider.java

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**Rushabh Shah** added a comment - 12/May/18 17:48

Thanks gabor.bota for the contribution.
Committed to trunk all the way back to branch-2.8

## People

Assignee:

Gabor Bota

Reporter:

Wei-Chiu Chuang

Votes:

0  Vote for this issue

Watchers:

7  Start watching this issue

⌄ **Dates**

Created:
02/May/18 18:59

Updated:
12/May/18 17:49

Resolved:
12/May/18 17:48

Watchers:

7  Start watching this issue