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Hadoop HDFS / [HDFS-10285 Storage Policy Satisfier in HDFS](#) / [HDFS-11695](#)

[SPS]: Namenode failed to start while loading SPS xAttrs from the edits log.

▼ Details

Type:	Sub-task	Status:	RESOLVED
Priority:	Blocker	Resolution:	Fixed
Affects Version/s:	HDFS-10285	Fix Version/s:	HDFS-10285 , 3.2.0
Component/s:	namenode		
Labels:	None		
Hadoop Flags:	Reviewed		

▼ Description

```
2017-04-23 13:27:51,971 ERROR org.apache.hadoop.hdfs.server.namenode.NameNode: Failed to start namenode.
java.io.IOException: Cannot request to call satisfy storage policy on path /ssl, as this file/dir was already called for satisf
    at org.apache.hadoop.hdfs.server.namenode.FSDirAttrOp.unprotectedSatisfyStoragePolicy(FSDirAttrOp.java:511)
    at org.apache.hadoop.hdfs.server.namenode.FSDirXAttrOp.unprotectedSetXAttrs(FSDirXAttrOp.java:284)
    at org.apache.hadoop.hdfs.server.namenode.FSEditLogLoader.applyEditLogOp(FSEditLogLoader.java:918)
    at org.apache.hadoop.hdfs.server.namenode.FSEditLogLoader.loadEditRecords(FSEditLogLoader.java:241)
    at org.apache.hadoop.hdfs.server.namenode.FSEditLogLoader.loadFSEdits(FSEditLogLoader.java:150)
```

▼ Attachments

fsimage.xml	2 kB	23/Apr/17 08:03
HDFS-11695-HDFS-10285.001.patch	4 kB	29/Apr/17 05:35
HDFS-11695-HDFS-10285.002.patch	16 kB	07/May/17 11:16
HDFS-11695-HDFS-10285.003.patch	19 kB	10/May/17 17:29
HDFS-11695-HDFS-10285.004.patch	19 kB	11/May/17 13:10
HDFS-11695-HDFS-10285.005.patch	23 kB	18/May/17 08:07

▼ Issue Links

is blocked by

[HDFS-11336](#) [SPS]: Remove xAttrs when movements done or SPS disabled

RESOLVED

▼ Activity



▼ [Surendra Singh Lilhore](#) added a comment - 23/Apr/17 08:10

I feel `FSDirAttrOp#unprotectedSatisfyStoragePolicy()` should not throw the exception. It should remove inode from the candidate list which already have SPS xAttrs.

```
if (inodeHasSatisfyXAttr(candidateNodes)) {
    throw new IOException(
        "Cannot request to call satisfy storage policy on path "
        + iip.getPath()
        + ", as this file/dir was already called for satisfying "
        + "storage policy.");
}
```

[umamaheswararao](#), [rakeshr](#) Please give your opinion..

▼ [Uma Maheswara Rao G](#) added a comment - 25/Apr/17 06:29 - edited

Thanks [surendrasingh](#) for reporting it. Can you explain me the scenario when its coming?

I think you are right. We can reproduce this case in the following case:
call satisfyStoragePolicy on one directory first. Then try calling satisfy policy on parent directory, here it will restricts to satisfy policy as sub directory already has Xattr. But you can explain the case how you got while starting NN.

Do you want to fix it? Let me know if any help

[yuanbo](#), do you want to check this as well?

Yuanbo Liu added a comment - 27/Apr/17 03:59

Thanks for pinging me, sure, I will take a look.

Yuanbo Liu added a comment - 27/Apr/17 10:03

[surendrasingh](#) Thanks for filing this JIRA.

It would be great if you can elaborate the steps to reproduce the starting NN issue.

To my knowledge, the case that [umamaheswararao](#) introduced can produce the exception, but it doesn't have impact on starting NN, because it happens in the RPC call between DFSClient and NN.

Surendra Singh Lilhore added a comment - 29/Apr/17 05:30

Thanks [umamaheswararao](#) and [yuanbo](#).

Scenario :
=====

1. Create **/test/file**.
2. set storage policy for file **/test/file** and call satisfyStoragePolicy() API.
3. wait for SPS to remove xAttr for file **/test/file**.
4. set storage policy for directory **/test** and call satisfyStoragePolicy() API.
5. restart the namenode.

Root cause :
=====

When we will call the satisfyStoragePolicy() API for file or directory, namenode will log the OP_SET_XATTR in edit log.

After finishing the SPS work, it will remove the xAttr from the memory but it is not logged in edit log. When we restart the namenode it will load again OP_SET_XATTR from the editlog for **/test/file** and **/test**.

Surendra Singh Lilhore added a comment - 29/Apr/17 05:35

Attached initial patch.

Please review..

Hadoop QA added a comment - 29/Apr/17 07:56

-1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	3m 52s	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.
+1	mvninstall	12m 52s	HDFS-10285 passed
+1	compile	0m 46s	HDFS-10285 passed
+1	checkstyle	0m 35s	HDFS-10285 passed
+1	mvnsite	0m 52s	HDFS-10285 passed
+1	mvneclipse	0m 13s	HDFS-10285 passed
+1	findbugs	1m 44s	HDFS-10285 passed
+1	javadoc	0m 39s	HDFS-10285 passed
+1	mvninstall	0m 46s	the patch passed

+1	compile	0m 43s	the patch passed
+1	javac	0m 43s	the patch passed
-0	checkstyle	0m 33s	hadoop-hdfs-project/hadoop-hdfs: The patch generated 4 new + 48 unchanged - 0 fixed = 52 total (was 48)
+1	mvnsite	0m 49s	the patch passed
+1	mvnecclipse	0m 10s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	1m 49s	the patch passed
+1	javadoc	0m 38s	the patch passed
-1	unit	99m 17s	hadoop-hdfs in the patch failed.
+1	asflicense	0m 19s	The patch does not generate ASF License warnings.
		127m 57s	

Reason	Tests
Failed junit tests	hadoop.hdfs.server.datanode.TestDataNodeUUID
	hadoop.hdfs.server.datanode.TestDataNodeVolumeFailureReporting
	hadoop.hdfs.server.namenode.TestPersistentStoragePolicySatisfier
	hadoop.hdfs.TestReconstructStripedFile
	hadoop.hdfs.server.namenode.TestFileTruncate

Subsystem	Report/Notes
Docker	Image:yetus/hadoop:a9ad5d6
JIRA Issue	HDFS-11695
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12865662/HDFS-11695-HDFS-10285.001.patch
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle
uname	Linux 70a5db0fb9a4 3.13.0-106-generic #153-Ubuntu SMP Tue Dec 6 15:44:32 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	HDFS-10285 / 376a2be
Default Java	1.8.0_121
findbugs	v3.0.0
checkstyle	https://builds.apache.org/job/PreCommit-HDFS-Build/19242/artifact/patchprocess/diff-checkstyle-hadoop-hdfs-project_hadoop-hdfs.txt
unit	https://builds.apache.org/job/PreCommit-HDFS-Build/19242/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt
Test Results	https://builds.apache.org/job/PreCommit-HDFS-Build/19242/testReport/
modules	C: hadoop-hdfs-project/hadoop-hdfs U: hadoop-hdfs-project/hadoop-hdfs
Console output	https://builds.apache.org/job/PreCommit-HDFS-Build/19242/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

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▼ Surendra Singh Lilhore added a comment - 30/Apr/17 11:47

hadoop.hdfs.server.namenode.TestPersistentStoragePolicySatisfier

This test case is failing randomly. I raised [HDFS-11726](#) to fix this.
Other failed test case are not related to this patch, Please review.

▼ [Yuanbo Liu](#) added a comment - 01/May/17 04:29

[surendrasingh](#) Thanks for your patch.

overall looks good to me. two comments:

1. Would you mind writing test cases in SPS test JIRA instead of TestStoragePolicyCommands.java.
 2. fix the checkstyle issue.
- Thanks again for your carefully finding.

▼ [Surendra Singh Lilhore](#) added a comment - 03/May/17 12:42

Thanks [yuanbo](#) for review. I will update the patch soon..

▼ [Uma Maheswara Rao G](#) added a comment - 03/May/17 22:21

Well spotted [surendrasingh](#)

I want you to fix few more related issues here if you can:

1. .

```
XAttr satisfyXAttr = unprotectedSatisfyStoragePolicy(iip, bm, fsd);
xAttrs.add(satisfyXAttr);
} finally {
    fsd.writeUnlock();
}
fsd.getEditLog().logSetXAttrs(src, xAttrs, logRetryCache);
```

Here I see we are logging outside fed lock. We should do inside fsd lock.

2. . Also there is no logSync. We should have a logSync here. LogSync can be outside fsdLock but inside fsnamesystem lock.
3. . Move the code related to SatisfyStoragePolicyXattrs to FSDirSatisfyStoragePolicyOp. For your reference, look at FSDirErasureCodingOp.
4. . I think we should have one protected removeSPSXattr API which should do log sync as well. When replaying from editlogs/fsimage, may be its ok to use unprotected. But when calling from SPS#postBlockStorageMovementCleanup, we should do logSync as well right.
5. . Also as you said, we should not throw exception out may be valid case as I explained one scenario in my previous comment. DO you want to handle that as well? To do that, we should just make API as idempotent instead of AtMostOnce.
6. . Please move the test case to TestPersistentStoragePolicySatisfier

Feel free to ask me if you need any help.

▼ [Surendra Singh Lilhore](#) added a comment - 04/May/17 16:51

Thanks [umamaheswararao](#) for review..

Also there is no logSync. We should have a logSync here. LogSync can be outside fsdLock but inside fsnamesystem lock.

I think LogSync should be outside of both the lock. can you method FSNameSystem#setStoragePolicy() ?

SPS#postBlockStorageMovementCleanup, we should do logSync as well right.

Yes we should do logsync here also.

Also as you said, we should not throw exception out may be valid case as I explained one scenario in my previous comment. DO you want to handle that as well? To do that, we should just make API as idempotent instead of AtMostOnce.

yes, I will handle this in next patch..

▼ [Uma Maheswara Rao G](#) added a comment - 04/May/17 21:04 - edited

I think LogSync should be outside of both the lock. can you method FSNameSystem#setStoragePolicy() ?

Oops you are right. I meant to that. logSync need not have lock.
Add after unlock in fsnamesystem#satisfyStoragePolicy

Regarding #5, I think we can ignore this comment, because this scenario may not exist. Rakesh reminded me that, we are not doing recursive here. So, don't change code about this scenario, but please consider adding a test case for it. Scenario explained in my first comment.

▼ Surendra Singh Lilhore added a comment - 07/May/17 11:16

Attached updated patch, please review..

▼ Surendra Singh Lilhore added a comment - 07/May/17 11:19

V2.

1. handled all above comment.
2. Handled NPE in FSDirectory#removeSPSxAttr()..

```
2017-05-07 16:13:10,354 [StoragePolicySatisfier] ERROR namenode.StoragePolicySatisfier (StoragePolicySatisfier.java:run(27
java.lang.NullPointerException
    at org.apache.hadoop.hdfs.server.namenode.FSDirectory.removeSPSxAttr(FSDirectory.java:1365)
    at org.apache.hadoop.hdfs.server.namenode.StoragePolicySatisfier.postBlkStorageMovementCleanup(StoragePolicySatisfier.java:1365)
```

▼ Hadoop QA added a comment - 07/May/17 13:36

✖ -1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	13m 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 1 new or modified test files.
+1	mvninstall	13m 0s	HDFS-10285 passed
+1	compile	0m 45s	HDFS-10285 passed
+1	checkstyle	0m 38s	HDFS-10285 passed
+1	mvnsite	0m 51s	HDFS-10285 passed
+1	mvnecclipse	0m 13s	HDFS-10285 passed
+1	findbugs	1m 43s	HDFS-10285 passed
+1	javadoc	0m 39s	HDFS-10285 passed
+1	mvninstall	0m 46s	the patch passed
+1	compile	0m 43s	the patch passed
+1	javac	0m 43s	the patch passed
-0	checkstyle	0m 35s	hadoop-hdfs-project/hadoop-hdfs: The patch generated 5 new + 246 unchanged - 0 fixed = 251 total (was 246)
+1	mvnsite	0m 48s	the patch passed
+1	mvnecclipse	0m 10s	the patch passed
-1	whitespace	0m 0s	The patch has 1 line(s) that end in whitespace. Use git apply --whitespace=fix <<patch_file>>. Refer https://git-scm.com/docs/git-apply
+1	findbugs	1m 48s	the patch passed
+1	javadoc	0m 37s	the patch passed
-1	unit	99m 18s	hadoop-hdfs in the patch failed.
-1	asflicense	0m 19s	The patch generated 1 ASF License warnings.
		137m 42s	

Reason	Tests
Failed junit tests	hadoop.hdfs.server.datanode.TestDataNodeUUID
	hadoop.hdfs.server.namenode.TestFileTruncate

Subsystem	Report/Notes
Docker	Image:yetus/hadoop:a9ad5d6
JIRA Issue	HDFS-11695
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12866765/HDFS-11695-HDFS-10285.002.patch
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle
uname	Linux de94848212be 3.13.0-106-generic #153-Ubuntu SMP Tue Dec 6 15:44:32 UTC 2016 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	HDFS-10285 / 376a2be
Default Java	1.8.0_121
findbugs	v3.0.0
checkstyle	https://builds.apache.org/job/PreCommit-HDFS-Build/19336/artifact/patchprocess/diff-checkstyle-hadoop-hdfs-project_hadoop-hdfs.txt
whitespace	https://builds.apache.org/job/PreCommit-HDFS-Build/19336/artifact/patchprocess/whitespace-eol.txt
unit	https://builds.apache.org/job/PreCommit-HDFS-Build/19336/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt
Test Results	https://builds.apache.org/job/PreCommit-HDFS-Build/19336/testReport/
asflicense	https://builds.apache.org/job/PreCommit-HDFS-Build/19336/artifact/patchprocess/patch-asflicense-problems.txt
modules	C: hadoop-hdfs-project/hadoop-hdfs U: hadoop-hdfs-project/hadoop-hdfs
Console output	https://builds.apache.org/job/PreCommit-HDFS-Build/19336/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

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▼  [Rakesh Radhakrishnan](#) added a comment - 09/May/17 17:43

Thanks [surendrasingh](#) for the good work. Adding few comments on the patch,

1. Please add `assert fsn.hasWriteLock();` in `FSDirSatisfyStoragePolicyOp#satisfyStoragePolicy()`
2. Can we move the following code into `FSDirSatisfyStoragePolicyOp.unprotectedRemoveSPSxAttr` and rename this method to just `FSDirSatisfyStoragePolicyOp#removeSPSxAttr`


```
try {
    this.writeLock();
    FSDirSatisfyStoragePolicyOp.unprotectedRemoveSPSxAttr(inode, spsXAttr);
    List<XAttr> xAttrs = Lists.newArrayListWithCapacity(1);
    xAttrs.add(spsXAttr);
    getEditLog().logRemoveXAttrs(inode.getFullPathName(), xAttrs, false);
} finally {
    this.writeUnlock();
}
```

3. Add `@Test(timeout`
4. Add brief doc for test `testNameNodeRestartWhenSPSCalledOnChildFileAndParentDir`, `testSPSONChildAndParentDirectory` describing the steps.
5. Also, please take care style warnings.

▼  Surendra Singh Lilhore added a comment - 10/May/17 17:29

Thanks [rakeshr](#) for review..

Attached updated patch. Please review...

▼  Hadoop QA added a comment - 10/May/17 22:13

 -1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	12m 51s	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.
+1	mvninstall	15m 6s	HDFS-10285 passed
+1	compile	0m 42s	HDFS-10285 passed
+1	checkstyle	0m 35s	HDFS-10285 passed
+1	mvnsite	0m 48s	HDFS-10285 passed
+1	mvneclipse	0m 15s	HDFS-10285 passed
+1	findbugs	1m 39s	HDFS-10285 passed
+1	javadoc	0m 41s	HDFS-10285 passed
+1	mvninstall	0m 47s	the patch passed
+1	compile	0m 43s	the patch passed
+1	javac	0m 43s	the patch passed
-0	checkstyle	0m 29s	hadoop-hdfs-project/hadoop-hdfs: The patch generated 2 new + 246 unchanged - 0 fixed = 248 total (was 246)
+1	mvnsite	0m 45s	the patch passed
+1	mvneclipse	0m 10s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	1m 44s	the patch passed
+1	javadoc	0m 33s	the patch passed
-1	unit	103m 0s	hadoop-hdfs in the patch failed.
+1	asflicense	0m 20s	The patch does not generate ASF License warnings.
		142m 32s	

Reason	Tests
Failed junit tests	hadoop.hdfs.web.TestWebHdfsTimeouts
	hadoop.hdfs.server.datanode.TestDataNodeMXBean
	hadoop.hdfs.server.namenode.TestFileTruncate
	hadoop.hdfs.server.datanode.TestDataNodeUUID
	hadoop.hdfs.server.namenode.TestPersistentStoragePolicySatisfier

Subsystem	Report/Notes
Docker	Image:yetus/hadoop:a9ad5d6
JIRA Issue	HDFS-11695

JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12867390/HDFS-11695-HDFS-10285.003.patch
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle
uname	Linux fc7db2864d04 4.4.0-43-generic #63-Ubuntu SMP Wed Oct 12 13:48:03 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	HDFS-10285 / 376a2be
Default Java	1.8.0_131
findbugs	v3.0.0
checkstyle	https://builds.apache.org/job/PreCommit-HDFS-Build/19389/artifact/patchprocess/diff-checkstyle-hadoop-hdfs-project_hadoop-hdfs.txt
unit	https://builds.apache.org/job/PreCommit-HDFS-Build/19389/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt
Test Results	https://builds.apache.org/job/PreCommit-HDFS-Build/19389/testReport/
modules	C: hadoop-hdfs-project/hadoop-hdfs U: hadoop-hdfs-project/hadoop-hdfs
Console output	https://builds.apache.org/job/PreCommit-HDFS-Build/19389/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

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Surendra Singh Lilhore added a comment - 11/May/17 13:10

Fixed checkstyle issue...

▼

Hadoop QA added a comment - 11/May/17 15:53

✖

 -1 overall


Vote	Subsystem	Runtime	Comment
0	reexec	0m 37s	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.
+1	mvninstall	14m 55s	HDFS-10285 passed
+1	compile	0m 47s	HDFS-10285 passed
+1	checkstyle	0m 39s	HDFS-10285 passed
+1	mvnsite	1m 5s	HDFS-10285 passed
+1	mvneclipse	0m 14s	HDFS-10285 passed
+1	findbugs	1m 53s	HDFS-10285 passed
+1	javadoc	0m 41s	HDFS-10285 passed
+1	mvninstall	0m 48s	the patch passed
+1	compile	0m 45s	the patch passed
+1	javac	0m 45s	the patch passed
+1	checkstyle	0m 36s	the patch passed
+1	mvnsite	0m 48s	the patch passed
+1	mvneclipse	0m 11s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	1m 50s	the patch passed
+1	javadoc	0m 37s	the patch passed

-1	unit	125m 57s	hadoop-hdfs in the patch failed.
+1	asflicense	0m 18s	The patch does not generate ASF License warnings.
		154m 6s	

Reason	Tests
Failed junit tests	hadoop.hdfs.TestReconstructStripedFile
	hadoop.hdfs.server.datanode.TestDataNodeUUID
Timed out junit tests	org.apache.hadoop.hdfs.server.blockmanagement.TestBlockStatsMXBean

Subsystem	Report/Notes
Docker	Image:yetus/hadoop:a9ad5d6
JIRA Issue	HDFS-11695
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12867564/HDFS-11695-HDFS-10285.004.patch
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle
uname	Linux 8007902f6c9d 3.13.0-108-generic #155-Ubuntu SMP Wed Jan 11 16:58:52 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	HDFS-10285 / 376a2be
Default Java	1.8.0_121
findbugs	v3.0.0
unit	https://builds.apache.org/job/PreCommit-HDFS-Build/19401/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt
Test Results	https://builds.apache.org/job/PreCommit-HDFS-Build/19401/testReport/
modules	C: hadoop-hdfs-project/hadoop-hdfs U: hadoop-hdfs-project/hadoop-hdfs
Console output	https://builds.apache.org/job/PreCommit-HDFS-Build/19401/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org


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▼  Uma Maheswara Rao G added a comment - 17/May/17 14:41

Thanks [surendrasingh](#) for the patch update. Patch mostly looks good.
I have one last comment to address:

```
+ FSDirSatisfyStoragePolicyOp.removeSPSxAttr(this, inode, spsXAttr);
+ getEditLog().logSync();
+ }
```

I noticed that you have added logSync in fsDirectory. For other APIs we are controlling logSync from FSNameSystem layer only. So, to avoid breaking that pattern, how about we add a new API in Namesystem#removeXattr(long id, String xattrName) ? this implementation can be in FSNameSystem and have fslock and logsync. So, while loading fslmage/Editlog we can still use FSDirectroy unprotected api. But when cleaning Xattrs while system up for business functionality, we can use Namesystem#removeXattr. I mean when you clean Xattr from SPS class, you can use Namesystem method.

▼  Surendra Singh Lilhore added a comment - 18/May/17 08:09

Thanks [umamaheswararao](#) for review..
Attached updated patch, Pls review..

▼

Hadoop QA

 added a comment - 19/May/17 02:05

✖

-1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	0m 0s	Docker mode activated.
-1	docker	0m 6s	Docker failed to build yetus/hadoop:a9ad5d6.

Subsystem	Report/Notes
JIRA Issue	HDFS-11695
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12868703/HDFS-11695-HDFS-10285.005.patch
Console output	https://builds.apache.org/job/PreCommit-HDFS-Build/19504/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

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▼

Hadoop QA

 added a comment - 22/May/17 12:56

✖

-1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	16m 38s	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.
+1	mvninstall	15m 26s	HDFS-10285 passed
+1	compile	0m 44s	HDFS-10285 passed
+1	checkstyle	0m 36s	HDFS-10285 passed
+1	mvnsite	0m 47s	HDFS-10285 passed
+1	mvneclipse	0m 13s	HDFS-10285 passed
+1	findbugs	1m 51s	HDFS-10285 passed
+1	javadoc	0m 45s	HDFS-10285 passed
+1	mvninstall	0m 45s	the patch passed
+1	compile	0m 41s	the patch passed
+1	javac	0m 41s	the patch passed
+1	checkstyle	0m 35s	the patch passed
+1	mvnsite	0m 46s	the patch passed
+1	mvneclipse	0m 11s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	1m 54s	the patch passed
+1	javadoc	0m 36s	the patch passed
-1	unit	102m 1s	hadoop-hdfs in the patch failed.
+1	asflicense	0m 18s	The patch does not generate ASF License warnings.
		146m 5s	

Reason	Tests
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Failed junit tests	hadoop.hdfs.web.TestWebHdfsTimeouts
	hadoop.hdfs.server.namenode.TestFileTruncate
	hadoop.hdfs.server.datanode.TestDataNodeUUID
	hadoop.hdfs.server.namenode.ha.TestHAAppend

Subsystem	Report/Notes
Docker	Image:yetus/hadoop:a9ad5d6
JIRA Issue	HDFS-11695
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12868703/HDFS-11695-HDFS-10285.005.patch
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle
uname	Linux cbf789d0a2b7 4.4.0-43-generic #63-Ubuntu SMP Wed Oct 12 13:48:03 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	HDFS-10285 / 376a2be
Default Java	1.8.0_131
findbugs	v3.0.0
unit	https://builds.apache.org/job/PreCommit-HDFS-Build/19540/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt
Test Results	https://builds.apache.org/job/PreCommit-HDFS-Build/19540/testReport/
modules	C: hadoop-hdfs-project/hadoop-hdfs U: hadoop-hdfs-project/hadoop-hdfs
Console output	https://builds.apache.org/job/PreCommit-HDFS-Build/19540/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

This message was automatically generated.

▼ Uma Maheswara Rao G added a comment - 23/May/17 04:40

+1 on the latest patch

▼ Uma Maheswara Rao G added a comment - 23/May/17 04:43 - edited

Good work Surendra. I have just pushed this to branch.

▼ Surendra Singh Lilhore added a comment - 24/May/17 01:30

Thanks [umamaheswararao](#) for review and commit.

Thanks [rakeshr](#) and [yuanbo](#) for review

▼ Hudson added a comment - 12/Aug/18 12:43

SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #14752 (See <https://builds.apache.org/job/Hadoop-trunk-Commit/14752/>)

[HDFS-11695](#): [SPS]: Namenode failed to start while loading SPS xAttrs (umamahesh: rev 5ce332dc9a072f8850ab71ba16898faf8e866c06)

- (edit) hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/Namesystem.java
- (edit) hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/StoragePolicySatisfier.java
- (edit) hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSDirAttrOp.java
- (edit) hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSNamesystem.java
- (edit) hadoop-hdfs-project/hadoop-hdfs/src/test/java/org/apache/hadoop/hdfs/server/namenode/TestPersistentStoragePolicySatisfier.java
- (add) hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSDirSatisfyStoragePolicyOp.java

- (edit) `hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSDirectory.java`
- (edit) `hadoop-hdfs-project/hadoop-hdfs/src/test/java/org/apache/hadoop/hdfs/server/namenode/TestStoragePolicySatisfier.java`
- (edit) `hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSDirXAttrOp.java`

▼ People

Assignee:



Surendra Singh Lilhore

Reporter:



Surendra Singh Lilhore

Votes:

0

Vote for this issue

Watchers:

5

Start watching this issue

▼ Dates

Created:

23/Apr/17 07:59

Updated:

13/Aug/18 05:39

Resolved:

23/May/17 04:43