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Hadoop HDFS / HDFS-6129

## When a replica is not found for deletion, do not throw exception.

### Details

Type:	Bug	Status:	<b>CLOSED</b>
Priority:	Minor	Resolution:	Fixed
Affects Version/s:	None	Fix Version/s:	2.4.0
Component/s:	<a href="#">datanode</a>		
Labels:	None		
Hadoop Flags:	Reviewed		

### Description

It is actually a valid case if a replica is not found for deletion – the replica may be deleted earlier. So that we should not throw exceptions.

### Attachments

<a href="#">h6129_20140319.patch</a>	3 kB	20/Mar/14 00:03
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### Activity

[Tsz-wo Sze](#) added a comment - 20/Mar/14 00:03

[h6129\\_20140319.patch](#): Just log an info message when a replica is not found for deletion.

[Hadoop QA](#) added a comment - 20/Mar/14 02:55

**-1 overall**. Here are the results of testing the latest attachment  
[http://issues.apache.org/jira/secure/attachment/12635691/h6129\\_20140319.patch](http://issues.apache.org/jira/secure/attachment/12635691/h6129_20140319.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-hdfs-project/hadoop-hdfs.

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

Test results: <https://builds.apache.org/job/PreCommit-HDFS-Build/6447//testReport/>  
 Console output: <https://builds.apache.org/job/PreCommit-HDFS-Build/6447//console>

This message is automatically generated.

[Fengdong Yu](#) added a comment - 20/Mar/14 09:03

one minor comments:

```

+      f = info.getBlockFile();
      v = (FsVolumeImpl)info.getVolume();
      if (f == null) {
-          LOG.warn("Failed to delete replica " + invalidBlks[i]
+          errors.add("Failed to delete replica " + invalidBlks[i]
-          + ": File not found, volume=" + v);
-          error = true;
+          continue;
      }


```

move

```
v = (FsVolumeImpl)info.getVolume();
```


after the 'if' block.

another, it'd better also add to 'errors' as other exception messages if replica cannot be found.

▼  Fengdong Yu added a comment - 20/Mar/14 12:17

another, it'd better also add to 'errors' as other exception messages if replica cannot be found.


Sorry, please ignore this line.

▼  Kihwal Lee added a comment - 20/Mar/14 13:21

move v = .... after the 'if' block.

v is also used for constructing the error message in the 'if' block.

+1 the patch looks good.

▼  Tsz-wo Sze added a comment - 20/Mar/14 15:53

Thanks Fengdong and Kihwal for reviewing the patch.

I have committed this.

▼  Hudson added a comment - 20/Mar/14 15:56


SUCCESS: Integrated in Hadoop-trunk-Commit #5364 (See <https://builds.apache.org/job/Hadoop-trunk-Commit/5364/>)  
**HDFS-6129**. When a replica is not found for deletion, do not throw an exception. (szetszwo: <http://svn.apache.org/viewcvcs.cgi/?root=Apache-SVN&view=rev&rev=1579670>)

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetImpl.java

▼  Hudson added a comment - 21/Mar/14 11:14

FAILURE: Integrated in Hadoop-Yarn-trunk #516 (See <https://builds.apache.org/job/Hadoop-Yarn-trunk/516/>)  
**HDFS-6129**. When a replica is not found for deletion, do not throw an exception. (szetszwo: <http://svn.apache.org/viewcvcs.cgi/?root=Apache-SVN&view=rev&rev=1579670>)

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetImpl.java

▼  Hudson added a comment - 21/Mar/14 14:19

FAILURE: Integrated in Hadoop-Hdfs-trunk #1708 (See <https://builds.apache.org/job/Hadoop-Hdfs-trunk/1708/>)  
**HDFS-6129**. When a replica is not found for deletion, do not throw an exception. (szetszwo: <http://svn.apache.org/viewcvcs.cgi/?root=Apache-SVN&view=rev&rev=1579670>)

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetImpl.java

▼  Hudson added a comment - 21/Mar/14 15:06


SUCCESS: Integrated in Hadoop-Mapreduce-trunk #1733 (See <https://builds.apache.org/job/Hadoop-Mapreduce-trunk/1733/>) ~~HDFS-6129~~. When a replica is not found for deletion, do not throw an exception. (szetszwo: <http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1579670>)

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetImpl.java


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▼ **People**

Assignee:

 Tsz-wo Sze

Reporter:

 Tsz-wo Sze

Votes:

 0 Vote for this issue

Watchers:

 5 Start watching this issue

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▼ **Dates**

Created:

19/Mar/14 23:55

Updated:

10/Apr/14 13:11

Resolved:

20/Mar/14 15:53