Hadoop Common / HADOOP-7777

Implement a base class for DNSToSwitchMapping implementations that can offer extra topology information

Details

Type:	⬆ Improvement	Status:	**CLOSED**
Priority:	≫ Major	Resolution:	Fixed
Affects Version/s:	0.23.0, 0.24.0	Fix Version/s:	0.23.1
Component/s:	util		
Labels:	None		
Target Version/s:	0.23.0, 0.24.0		

Description

HDFS-2492 has identified a need for DNSToSwitchMapping implementations to provide a bit more topology information (e.g. whether or not there are multiple switches). This could be done by writing an extended interface, querying its methods if present and coming up with a default action if there is no extended interface.

Alternatively, we have a base class that all the standard mappings implement, with a boolean isMultiRack() method; all the standard subclasses would extend this, as could any third party topology provider. The advantage of this approach is that it is easier to add new operations without going into a multi-interface mess.

Attachments

📄 HADOOP-7777-switch.patch		27 kB	18/Nov/11 19:14
📄 HADOOP-7777-switch.patch		28 kB	17/Nov/11 18:23
📄 HADOOP-7777-switch.patch		27 kB	05/Nov/11 15:05
📄 HADOOP-7777-switch.patch		27 kB	28/Oct/11 18:56
📄 HADOOP-7777-switch.patch		26 kB	28/Oct/11 18:25

Issue Links

is depended upon by

🔲 HDFS-2492 BlockManager cross-rack replication checks only work for ScriptBasedMapping	≫	**OPEN**

is related to

🔲 HADOOP-7878 Regression HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() pr...	≫	**CLOSED**
⬆ HADOOP-8231 Make topologies easier to set up and debug	≫	**OPEN**

Activity

↑

▾ ◉ Steve Loughran added a comment - 28/Oct/11 18:57

This adds a new base class `AbstractDNSToSwitchMapping` to offer a common implementation class for the bundled DNS mappings, and a new predicate `isSingleSwitch()` which should be true if
a class believes that its topology is only on a single switch.

I initially tried to have the base class extend `Configurable` but that triggered calls to things like `ScriptBasedMapping.setConf()` from Configurable's constructor, which had lots of consequences as the subclasses weren't ready for that yet. I added the workarounds ~~checks for other fields being initialised~~ but this left the code brittle and made it harder to make any custom mappers subclasses of this. I reverted those changes and now the `AbstractDNSToSwitchMapping` class just implements `Configurable`.

This base class (and the sub classes) do what I wanted, namely indicate whether or not they are single switch or not, with the presumption being "multi-switch unless stated".

1. `ScriptBasedMapping` is single rack if it has no script.
2. `CachedDNSToSwitchMapping` relays its query to the raw mapping.
3. `StaticMapping` says it is single rack if its map is empty (that is, all resolved nodes will be reported as being in the default rack).
   There's tests for all this, and in `TestSwitchMapping` verification that implementations of `DNSToSwitchMapping` are always considered multi-switch. The tests also see what happens when you pass down null configurations (the existing stuff mostly broke)

Once committed I can fix HDFS BlockManager to use the switch predicate to decide whether to assume multi-rack placement or not.

❯ ◯ Hadoop QA added a comment - 28/Oct/11 19:13

-1 overall. Here are the results of testing the latest attachment
http://issues.apache.org/jira/secure/attachment/12501341/HADOOP-7777-switch.patch
against trunk revision .

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

+1 tests included. The patch appears to include 10 new or modified tests.

+1 javadoc. The javadoc tool did not generate any warning messages.

-1 javac. The applied patch generated 1041 javac compiler warnings (more than the trunk's current 1040 warnings).

+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 .

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

Test results: https://builds.apache.org/job/PreCommit-HADOOP-Build/338//testReport/
Console output: https://builds.apache.org/job/PreCommit-HADOOP-Build/338//console

This message is automatically generated.

❯ ◯ Steve Loughran added a comment - 29/Oct/11 11:16

-I'll see if I can track down the warning.
-Note that this patch won't be ready to commit until I've got HDFS-2492 happy with it, which means some way of bridging the NN-instantiated mapper to the BlockManager. You can't ask the network topology about its rack count as that will change as it resolves more addresses.

❯ ◯ Steve Loughran added a comment - 31/Oct/11 16:36

resubmitting now the findbugs patch HADOOP-7778 went in

❯ ◯ Steve Loughran added a comment - 05/Nov/11 15:05

Quick code review before resubmitting patch

1. Removed `extends Configurable` on mapper classes whose base class does this already.

1. Synchronized the `isSingleSwitch()` method in the `StaticMapping` class to ensure its return value is always current.

❯ ◯ Hadoop QA added a comment - 05/Nov/11 15:23

-1 overall. Here are the results of testing the latest attachment
http://issues.apache.org/jira/secure/attachment/12502596/HADOOP-7777-switch.patch
against trunk revision .

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

+1 tests included. The patch appears to include 10 new or modified tests.

+1 javadoc. The javadoc tool did not generate any warning messages.

-1 javac. The applied patch generated 1040 javac compiler warnings (more than the trunk's current 1039 warnings).

-1 findbugs. The patch appears to introduce 7 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 .

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

Test results: https://builds.apache.org/job/PreCommit-HADOOP-Build/360//testReport/
Findbugs warnings: https://builds.apache.org/job/PreCommit-HADOOP-Build/360//artifact/trunk/hadoop-common-
project/patchprocess/newPatchFindbugsWarningshadoop-common.html
Console output: https://builds.apache.org/job/PreCommit-HADOOP-Build/360//console

This message is automatically generated.

Hadoop QA added a comment - 17/Nov/11 19:02

-1 overall. Here are the results of testing the latest attachment
http://issues.apache.org/jira/secure/attachment/12504090/HADOOP-7777-switch.patch
against trunk revision .

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

+1 tests included. The patch appears to include 10 new or modified tests.

-1 javadoc. The javadoc tool appears to have generated 17 warning messages.

-1 javac. The applied patch generated 1040 javac compiler warnings (more than the trunk's current 1039 warnings).

-1 findbugs. The patch appears to introduce 7 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 .

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

Test results: https://builds.apache.org/job/PreCommit-HADOOP-Build/381//testReport/
Findbugs warnings: https://builds.apache.org/job/PreCommit-HADOOP-Build/381//artifact/trunk/hadoop-common-
project/patchprocess/newPatchFindbugsWarningshadoop-common.html
Console output: https://builds.apache.org/job/PreCommit-HADOOP-Build/381//console

This message is automatically generated.

Steve Loughran added a comment - 18/Nov/11 19:14

fixed javadoc and accidental import that was generating the javac warning

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Hadoop QA added a comment - 19/Nov/11 18:22

-1 overall. Here are the results of testing the latest attachment
http://issues.apache.org/jira/secure/attachment/12504251/HADOOP-7777-switch.patch
against trunk revision .

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

+1 tests included. The patch appears to include 10 new or modified tests.

-1 javadoc. The javadoc tool appears to have generated 15 warning messages.

+1 javac. The applied patch does not increase the total number of javac compiler warnings.

-1 findbugs. The patch appears to introduce 7 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 .

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

Test results: https://builds.apache.org/job/PreCommit-HADOOP-Build/387//testReport/
Findbugs warnings: https://builds.apache.org/job/PreCommit-HADOOP-Build/387//artifact/trunk/hadoop-common-
project/patchprocess/newPatchFindbugsWarningshadoop-common.html
Console output: https://builds.apache.org/job/PreCommit-HADOOP-Build/387//console

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⌄ ◌ Steve Loughran added a comment - 20/Nov/11 17:52

all the findbugs warnings are false alarms from protobuf-generated code, so unless anyone vetoes this, I am +1 for putting it into trunk and 0.23 as a precursor to fixing HDFS-2492

⌄ ◌ Steve Loughran added a comment - 26/Nov/11 17:41

+1 applying

⌄ ◌ Hudson added a comment - 26/Nov/11 17:54

Integrated in Hadoop-Hdfs-trunk-Commit #1396 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk-Commit/1396/)
HADOOP-7777 a base class for DNSToSwitchMapping implementations

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1206515
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/AbstractDNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/CachedDNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestScriptBasedMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSwitchMapping.java

⌄ ◌ Steve Loughran added a comment - 26/Nov/11 17:55

added to trunk; backporting to 0.23.1, where there are some patch issues

⌄ ◌ Hudson added a comment - 26/Nov/11 17:59

Integrated in Hadoop-Common-trunk-Commit #1323 (See https://builds.apache.org/job/Hadoop-Common-trunk-Commit/1323/)
HADOOP-7777 changes.txt
HADOOP-7777 a base class for DNSToSwitchMapping implementations

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1206520
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1206515
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/AbstractDNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/CachedDNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestScriptBasedMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSwitchMapping.java

Hudson added a comment - 26/Nov/11 18:05

Integrated in Hadoop-Hdfs-trunk-Commit #1397 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk-Commit/1397/)
HADOOP-7777 changes.txt

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1206520
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

Hudson added a comment - 26/Nov/11 18:09

Integrated in Hadoop-Mapreduce-trunk-Commit #1346 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk-Commit/1346/)
HADOOP-7777 a base class for DNSToSwitchMapping implementations

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1206515
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/AbstractDNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/CachedDNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestScriptBasedMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSwitchMapping.java

Hudson added a comment - 26/Nov/11 18:28

Integrated in Hadoop-Mapreduce-trunk-Commit #1347 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk-Commit/1347/)
HADOOP-7777 changes.txt

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1206520
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

Hudson added a comment - 27/Nov/11 12:58

Integrated in Hadoop-Hdfs-trunk #876 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk/876/)
HADOOP-7777 changes.txt
HADOOP-7777 a base class for DNSToSwitchMapping implementations

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1206520
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1206515
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/AbstractDNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/CachedDNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestScriptBasedMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSwitchMapping.java

✔ ◯ Hudson added a comment - 27/Nov/11 13:32

Integrated in Hadoop-Mapreduce-trunk #910 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk/910/)
HADOOP-7777 changes.txt
HADOOP-7777 a base class for DNSToSwitchMapping implementations

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1206520
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1206515
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/AbstractDNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/CachedDNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNSToSwitchMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestScriptBasedMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSwitchMapping.java

✔ ◯ Hudson added a comment - 28/Nov/11 21:46

Integrated in Hadoop-Common-trunk-Commit #1332 (See https://builds.apache.org/job/Hadoop-Common-trunk-Commit/1332/)
Apply HADOOP-7777 to 0.23.1

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1207629
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

✔ ◯ Hudson added a comment - 28/Nov/11 21:50

Integrated in Hadoop-Hdfs-trunk-Commit #1406 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk-Commit/1406/)
Apply HADOOP-7777 to 0.23.1

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1207629
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

✔ ◯ Hudson added a comment - 28/Nov/11 21:50

Integrated in Hadoop-Common-0.23-Commit #223 (See https://builds.apache.org/job/Hadoop-Common-0.23-Commit/223/)
Apply HADOOP-7777 to 0.23.1

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1207628
Files :

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/AbstractDNSToSwitchMapping.java

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/CachedDNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestScriptBasedMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSwitchMapping.java

Hudson added a comment - 28/Nov/11 21:54

Integrated in Hadoop-Hdfs-0.23-Commit #220 (See https://builds.apache.org/job/Hadoop-Hdfs-0.23-Commit/220/)
Apply HADOOP-7777 to 0.23.1

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1207628
Files :

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/AbstractDNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/CachedDNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestScriptBasedMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSwitchMapping.java

Hudson added a comment - 28/Nov/11 21:55

Integrated in Hadoop-Mapreduce-0.23-Commit #234 (See https://builds.apache.org/job/Hadoop-Mapreduce-0.23-Commit/234/)
Apply HADOOP-7777 to 0.23.1

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1207628
Files :

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/AbstractDNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/CachedDNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestScriptBasedMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSwitchMapping.java

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Hudson added a comment - 28/Nov/11 22:18

Integrated in Hadoop-Mapreduce-trunk-Commit #1356 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk-Commit/1356/)
Apply HADOOP-7777 to 0.23.1

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1207629
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

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Hudson added a comment - 29/Nov/11 12:44

Integrated in Hadoop-Hdfs-0.23-Build #92 (See https://builds.apache.org/job/Hadoop-Hdfs-0.23-Build/92/)
Apply HADOOP-7777 to 0.23.1

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1207628
Files :

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/AbstractDNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/CachedDNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestScriptBasedMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSwitchMapping.java

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Hudson added a comment - 29/Nov/11 12:54

Integrated in Hadoop-Hdfs-trunk #879 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk/879/)
Apply HADOOP-7777 to 0.23.1

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1207629
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

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Hudson added a comment - 29/Nov/11 13:17

Integrated in Hadoop-Mapreduce-0.23-Build #108 (See https://builds.apache.org/job/Hadoop-Mapreduce-0.23-Build/108/)
Apply HADOOP-7777 to 0.23.1

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1207628
Files :

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/AbstractDNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/CachedDNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNSToSwitchMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestScriptBasedMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSwitchMapping.java

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Hudson added a comment - 29/Nov/11 13:35

Integrated in Hadoop-Mapreduce-trunk #912 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk/912/)
Apply HADOOP-7777 to 0.23.1

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1207629
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

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Hudson added a comment - 12/Dec/11 15:14

Integrated in Hadoop-Hdfs-0.23-Commit #260 (See https://builds.apache.org/job/Hadoop-Hdfs-0.23-Commit/260/)
HADOOP-7878 Regression: HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() predicate is used

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1213264
Files :

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

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Hudson added a comment - 12/Dec/11 15:14

Integrated in Hadoop-Hdfs-trunk-Commit #1474 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk-Commit/1474/)
HADOOP-7878 Regression: HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() predicate is used

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1213263
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

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Hudson added a comment - 12/Dec/11 15:15

Integrated in Hadoop-Common-0.23-Commit #270 (See https://builds.apache.org/job/Hadoop-Common-0.23-Commit/270/)
HADOOP-7878 Regression: HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() predicate is used

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1213264
Files :

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

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Hudson added a comment - 12/Dec/11 15:19

Integrated in Hadoop-Common-trunk-Commit #1400 (See https://builds.apache.org/job/Hadoop-Common-trunk-Commit/1400/)
HADOOP-7878 Regression: HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() predicate is used

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1213263
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

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Hudson added a comment - 12/Dec/11 15:49

Integrated in Hadoop-Mapreduce-0.23-Commit #280 (See https://builds.apache.org/job/Hadoop-Mapreduce-0.23-Commit/280/)
HADOOP-7878 Regression: HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() predicate is used

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1213264
Files :

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

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Hudson added a comment - 12/Dec/11 15:49

Integrated in Hadoop-Mapreduce-trunk-Commit #1422 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk-Commit/1422/)
HADOOP-7878 Regression: HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() predicate is used

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1213263
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

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Hudson added a comment - 13/Dec/11 12:46

Integrated in Hadoop-Hdfs-0.23-Build #106 (See https://builds.apache.org/job/Hadoop-Hdfs-0.23-Build/106/)
HADOOP-7878 Regression: HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() predicate is used

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1213264
Files :

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

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Hudson added a comment - 13/Dec/11 13:15

Integrated in Hadoop-Mapreduce-0.23-Build #124 (See https://builds.apache.org/job/Hadoop-Mapreduce-0.23-Build/124/)
HADOOP-7878 Regression: HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() predicate is used

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1213264
Files :

- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/branches/branch-0.23/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

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Hudson added a comment - 13/Dec/11 15:23

Integrated in Hadoop-Hdfs-trunk #893 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk/893/)
HADOOP-7878 Regression: HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() predicate is used

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1213263
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java

- /hadoop/common/trunk/hadoop-common-project/hadoop-
  common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

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⌄ ◍ Hudson added a comment - 13/Dec/11 15:40

Integrated in Hadoop-Mapreduce-trunk #926 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk/926/)
HADOOP-7878 Regression: HADOOP-7777 switch changes break HDFS tests when the isSingleSwitch() predicate is used

stevel : http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1213263
Files :

- /hadoop/common/trunk/hadoop-common-project/hadoop-common/CHANGES.txt
- /hadoop/common/trunk/hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/StaticMapping.java
- /hadoop/common/trunk/hadoop-common-project/hadoop-
  common/src/test/java/org/apache/hadoop/net/TestStaticMapping.java

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⌄ People

Assignee:

◍ Steve Loughran

Reporter:

◍ Steve Loughran

Votes:

0 Vote for this issue

Watchers:

3 Start watching this issue

⌄ Dates

Created:

27/Oct/11 16:42

Updated:

10/Mar/15 02:09

Resolved:

28/Nov/11 21:34