

Metacat - Bug #6516

Solr index doesn't work in the remote host in the replication when a host is ubuntu 12.04 and another one is ubuntu 14.04

04/15/2014 03:56 PM - Jing Tao

Status:	New	Start date:	04/15/2014
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Bugzilla-Id:			
Description			
<p>When I use morpho 1.10 branch to insert a package into a local Metacat, which is ubuntu 14.04, the solr index works fine. However, the remote server, which is ubuntu 12.04, got the error:</p> <pre>metacat 20140415-14:31:01: [WARN]: XMLService.populateRegisteredSchemaList - Schema file: /var/lib/tomcat7/webapps/knb/schema/fgdc-std-001/fgdc-std-001-1998.xsd is registered in the database but does not exist on the file system. [edu.ucsb.nceas.metacat.service.XMLSchemaService] edu.ucsb.nceas.metacat.McddbDocNotFoundException: the requested docid 'tao.13002' does not exist at edu.ucsb.nceas.metacat.DocumentImpl.isRevisionOnly(DocumentImpl.java:2159) at edu.ucsb.nceas.metacat.DocumentImpl.getDocumentInfo(DocumentImpl.java:2190) at edu.ucsb.nceas.metacat.DocumentImpl.<init>(DocumentImpl.java:228) at edu.ucsb.nceas.metacat.DocumentImpl.<init>(DocumentImpl.java:257) at edu.ucsb.nceas.metacat.replication.ReplicationService.getDocumentInfo(ReplicationService.java:1097) at edu.ucsb.nceas.metacat.replication.ReplicationService.getDocumentInfoMap(ReplicationService.java:1073) at edu.ucsb.nceas.metacat.dataone.hazelcast.ObjectPathMap.pathToDocid(ObjectPathMap.java:76) at edu.ucsb.nceas.metacat.dataone.hazelcast.ObjectPathMap.load(ObjectPathMap.java:99) at edu.ucsb.nceas.metacat.dataone.hazelcast.ObjectPathMap.load(ObjectPathMap.java:43) at com.hazelcast.impl.concurrentmap.MapStoreWrapper.load(MapStoreWrapper.java:143) at com.hazelcast.impl.ConcurrentMapManager\$GetOperationHandler\$GetLoader.doMapStoreOperation(ConcurrentMapManager.java: 3785) at com.hazelcast.impl.ConcurrentMapManager\$AbstractMapStoreOperation.run(ConcurrentMapManager.java:3860) at com.hazelcast.impl.executor.ParallelExecutorService\$ParallelExecutorImpl\$ExecutionSegment.run(ParallelExecutorService.java:21 2) at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145) at java.util.concurrent.ThreadPoolExecutor\$Worker.run(ThreadPoolExecutor.java:615) at java.lang.Thread.run(Thread.java:744) at com.hazelcast.impl.ExecutorThreadFactory\$1.run(ExecutorThreadFactory.java:38) metacat-index 20140415-14:31:01: [ERROR]: SolrIndex.update - could not update the solr index since null [edu.ucsb.nceas.metacat.index.SolrIndex] java.lang.NullPointerException at java.io.FileInputStream.<init>(FileInputStream.java:138) at java.io.FileInputStream.<init>(FileInputStream.java:101) at edu.ucsb.nceas.metacat.index.SolrIndex.update(SolrIndex.java:513) at edu.ucsb.nceas.metacat.index.SystemMetadataEventListener.entryUpdated(SystemMetadataEventListener.java:146) at edu.ucsb.nceas.metacat.index.SystemMetadataEventListener.entryAdded(SystemMetadataEventListener.java:119) at com.hazelcast.client.impl.EntryListenerManager.notifyListeners(EntryListenerManager.java:148) at com.hazelcast.client.impl.EntryListenerManager.notifyListeners(EntryListenerManager.java:130) at com.hazelcast.client.impl.ListenerManager.customRun(ListenerManager.java:88) at com.hazelcast.client.ClientRunnable.run(ClientRunnable.java:30) at java.lang.Thread.run(Thread.java:744)</pre> <p>I used morpho to insert the package to Ubuntu 12.04. The metacat with 14.04 got the error as well.</p> <p>But the timed solr index process can pick up those failed documents.</p>			

History

#1 - 04/15/2014 04:06 PM - ben leinfelder

This doesn't look like an Ubuntu issue - does it happen for other 10.04 hosts?

Is it just that indexing is trying to find the document before it is fully replicated?

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edu.ucsb.nceas.metacat.McdbDocNotFoundException: the requested docid 'tao.13002' does not exist
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#2 - 04/15/2014 04:28 PM - Jing Tao

Note sure. Just see the issue today.

#3 - 04/22/2014 01:53 PM - Jing Tao

Metacat indexed a document before it wrote to db. This issue was fixed.