

D4Science Infrastructure - Incident #12214

DataMiners cannot interact with the Storage System

Jul 20, 2018 12:20 PM - Gianpaolo Coro

Status:	Closed	Start date:	Jul 20, 2018
Priority:	Immediate	Due date:	Jul 20, 2018
Assignee:	_InfraScience Systems Engineer	% Done:	100%
Category:	High-Throughput-Computing	Estimated time:	0.00 hour
Target version:	Data Processing		
Infrastructure:	Production		
Description			
No DM is currently working in any VRE because they get errors when interacting with the Storage system. The issue is when DM tries to write the output of a computation directly on the (volatile) storage system. Here is the stack trace:			
<pre>com.mongodb.MongoTimeoutException: Timed out after 30000 ms while waiting to connect. Client view of cluster state is {type=UNKNOWN, servers=[{address=mongo-p-vol.d4science.org:27017, type=UNKNOWN , state=CONNECTING, exception={com.mongodb.MongoSocketOpenException: Exception opening socket}, ca used by {java.net.ConnectException: Connection refused (Connection refused)}}] at com.mongodb.connection.BaseCluster.getDescription(BaseCluster.java:167) at com.mongodb.Mongo.getConnectedClusterDescription(Mongo.java:881) at com.mongodb.Mongo.createClientSession(Mongo.java:873) at com.mongodb.Mongo\$3.getClientSession(Mongo.java:862) at com.mongodb.Mongo\$3.execute(Mongo.java:830) at com.mongodb.Mongo\$3.execute(Mongo.java:814) at com.mongodb.DBCollection.createIndex(DBCollection.java:1623) at com.mongodb.DBCollection.createIndex(DBCollection.java:1608) at org.gcube.contentmanagement.blobstorage.transport.backend.MongoOperationManager.getMong oInstance(MongoOperationManager.java:93) at org.gcube.contentmanagement.blobstorage.transport.backend.MongoOperationManager.initBac kend(MongoOperationManager.java:78) at org.gcube.contentmanagement.blobstorage.transport.backend.MongoOperationManager.<init>(MongoOperationManager.java:51) at org.gcube.contentmanagement.blobstorage.transport.TransportManagerFactory.load(Transpor tManagerFactory.java:55) at org.gcube.contentmanagement.blobstorage.transport.TransportManagerFactory.getTransport(TransportManagerFactory.java:42) at org.gcube.contentmanagement.blobstorage.service.operation.Operation.put(Operation.java: 164) at org.gcube.contentmanagement.blobstorage.service.operation.Upload.doIt(Upload.java:52) at org.gcube.contentmanagement.blobstorage.service.operation.Upload.doIt(Upload.java:26) at org.gcube.contentmanagement.blobstorage.service.operation.OperationManager.startOperati on(OperationManager.java:71) at org.gcube.contentmanagement.blobstorage.service.impl.Resource.retrieveRemoteObject(Reso urce.java:120) at org.gcube.contentmanagement.blobstorage.service.impl.Resource.getRemoteObject(Resource. java:110) at org.gcube.contentmanagement.blobstorage.service.impl.RemoteResource.RFile(RemoteResourc e.java:61) at org.gcube.contentmanagement.blobstorage.service.impl.RemoteResource.RFile(RemoteResourc e.java:43) at org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mapping.OutputsManager.upload FileOnStorage(OutputsManager.java:183) at org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mapping.OutputsManager.create Output(OutputsManager.java:105) at org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mapping.AbstractEcologicalEng ineMapper.run(AbstractEcologicalEngineMapper.java:432) at org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mappedclasses.transducerers.I TALIANLP_NER.run(ITALIANLP_NER.java:24) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498)</pre>			

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at org.n52.wps.algorithm.annotation.AnnotationBinding$ExecuteMethodBinding.execute (AnnotationBinding.java:89)
at org.n52.wps.server.AbstractAnnotatedAlgorithm.run (AbstractAnnotatedAlgorithm.java:54)
at org.gcube.data.analysis.wps.ExecuteRequest.call (ExecuteRequest.java:608)
at org.gcube.data.analysis.wps.ExecuteRequest.call (ExecuteRequest.java:67)
at org.gcube.common.authorization.library.AuthorizedTasks$1.call (AuthorizedTasks.java:41)
at java.util.concurrent.FutureTask.run (FutureTask.java:266)
at java.util.concurrent.ThreadPoolExecutor.runWorker (ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run (ThreadPoolExecutor.java:624)
at java.lang.Thread.run (Thread.java:748)
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Here is a testing url:

[http://dataminer0-proto.d4science.org/wps/WebProcessingService?request=Execute&service=WPS&Version=1.0.0&gcube-token=<RprotoToken>&lang=en-US&Identifier=org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mappedclasses.transducerers.LANGUAGE_RECOGNIZER&DataInputs=sentence=North+Korea+has+agreed+to+send+a+delegation+to+next+month+Winter+Olympics+in+South+Korea%2C+the+first+notable+breakthrough+to+come+out+of+a+face-to-face+meeting+Tuesday+between+the+neighboring+nations.](http://dataminer0-proto.d4science.org/wps/WebProcessingService?request=Execute&service=WPS&Version=1.0.0&gcube-token=<RprotoToken>&lang=en-US&Identifier=org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mappedclasses.transducerers.LANGUAGE_RECOGNIZER&DataInputs=sentence=North+Korea+has+agreed+to+send+a+delegation+to+next+month+Winter+Olympics+in+South+Korea%2C+the+first+notable+breakthrough+to+come+out+of+a+face-to-face+meeting+Tuesday+between+the+neighboring+nations.;);

Related issues:

Blocked by D4Science Infrastructure - Task #12215: Increase disk space on mon...

Closed

Jul 20, 2018

History

#2 - Jul 20, 2018 12:29 PM - Andrea Dell'Amico

I see that the mongo instance on that server is down.

So: we do not have monitoring of those instances, it seems. @tommaso.piccioli@isti.cnr.it they were upgraded as well as the other mongo instances. I see that mongo killed itself on Jul 19th at 07:23 because of a full disk.

#3 - Jul 20, 2018 12:39 PM - Andrea Dell'Amico

- Blocked by Task #12215: Increase disk space on mongo-p-vol.d4science.org added

#4 - Jul 20, 2018 12:53 PM - Andrea Dell'Amico

- Status changed from New to In Progress

#5 - Jul 20, 2018 12:54 PM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

- % Done changed from 0 to 100

The disk space on the volatile mongo instance has been incremented and the server restarted. Does it solve the dataminers problem?

#6 - Jul 20, 2018 02:20 PM - Giancarlo Panichi

- Due date set to Jul 20, 2018

- Status changed from Feedback to Closed

Yes, it seems that everything works correctly. I close this ticket.