

D4Science Infrastructure - Incident #4200

IS not responding

Jun 08, 2016 12:44 PM - Gianpaolo Coro

Status:	Closed	Start date:	Jun 08, 2016
Priority:	Immediate	Due date:	
Assignee:	Roberto Cirillo	% Done:	100%
Category:	Other	Estimated time:	0.00 hour
Target version:			
Infrastructure:	Development		
Description			
The IS/Registry is not responding on https://dev.d4science.org/web/guest/monitor This is needed to add and manage the many requests for algorithms integration that arrive every day.			

History

#1 - Jun 08, 2016 01:13 PM - Roberto Cirillo

- Status changed from New to In Progress
- % Done changed from 0 to 100

The problem seems to be the same happened in production: a memory leak on accounting libs.
There were a lot of accounting exceptions but I cannot see the cause because the log level was set to ERROR:

```
2016-06-01 18:02:35,843 ERROR persistence.PersistenceBackendConfiguration [pool-1017-thread-1,getInstance:57]
AccountingPersistenceConfiguration not initialized correctly. It will not be used. Trying the next one if any.
java.lang.reflect.InvocationTargetException
    at sun.reflect.GeneratedConstructorAccessor123.newInstance(Unknown Source)
    at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:45
)
    at java.lang.reflect.Constructor.newInstance(Constructor.java:526)
    at org.gcube.documentstore.persistence.PersistenceBackendConfiguration.getInstance(PersistenceBackendC
onfiguration.java:51)
    at org.gcube.documentstore.persistence.PersistenceBackendFactory.discoverPersistenceBackend(Persistenc
eBackendFactory.java:117)
    at org.gcube.documentstore.persistence.PersistenceBackendFactory.rediscoverPersistenceBackend(Persiste
nceBackendFactory.java:169)
    at org.gcube.documentstore.persistence.PersistenceBackendRediscover.run(PersistenceBackendRediscover.j
ava:38)
    at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:471)
    at java.util.concurrent.FutureTask.runAndReset(FutureTask.java:304)
    at java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.access$301(ScheduledThreadPool
Executor.java:178)
    at java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecuto
r.java:293)
    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)
Caused by: java.lang.IndexOutOfBoundsException: Index: 0, Size: 0
    at java.util.ArrayList.rangeCheck(ArrayList.java:635)
    at java.util.ArrayList.get(ArrayList.java:411)
    at org.gcube.accounting.persistence.AccountingPersistenceConfiguration.getServiceEndpoint(AccountingPe
rsistenceConfiguration.java:68)
    at org.gcube.accounting.persistence.AccountingPersistenceConfiguration.<init>(AccountingPersistenceCon
figuration.java:42)
    ... 14 more
```

I've restarted the container with the log level set to debug. Now the IS-Collector is up and running but it's need to monitoring this container because the problem is not solved. I guess there are several VRE scope without accounting service endpoint that cause a memory leak in accounting lib.

#2 - Jun 08, 2016 01:13 PM - Roberto Cirillo

- Status changed from In Progress to Resolved

#3 - Jun 08, 2016 01:29 PM - Gianpaolo Coro

- Status changed from Resolved to In Progress

The problem is again there, just after few minutes.
The devsec environment has never worked, instead.

#4 - Jun 08, 2016 01:29 PM - Gianpaolo Coro

- % Done changed from 100 to 0

#5 - Jun 08, 2016 02:30 PM - Roberto Cirillo

- Status changed from In Progress to Feedback

Could you give me more details, please?

From monitor I see that the IS-Collector is working and also the registry service. In addition the ghn containers are correctly updated

<https://preprod.d4science.org/web/guest/monitor>

<https://dev.d4science.org/web/guest/monitor>

#6 - Jun 08, 2016 04:00 PM - Gianpaolo Coro

- Status changed from Feedback to Closed

- % Done changed from 0 to 100

it seems to be working now, but just after a restart of the portal. I don't know if this is related.

#7 - Sep 20, 2016 08:01 PM - Pasquale Pagano

- Target version deleted (gCube related support)