D4Science Infrastructure - Incident #12380

node22.p.d4science.research-infrastructures.eu is not responding

Sep 04, 2018 09:55 AM - Andrea Dell'Amico

Status:	Closed		**Start date:**	Sep 04, 2018
Priority:	Immediate		**Due date:**	
Assignee:	Roberto Cirillo		**% Done:**	100%
Category:	Application		**Estimated time:**	0.00 hour
Target version:	No Sprint			
Infrastructure:	Pre-Production			

Description

From the nohup.out file:

```
Exception in thread "Thread-11647282" java.lang.OutOfMemoryError: Java heap space
        at org.gcube.common.searchservice.searchlibrary.resultset.elements.StreamWorker.run(Stream
Worker.java:52)
Exception in thread "Thread-173" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "Thread-14996838" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "Thread-14997091" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "Thread-14997471" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "GHNConsumer" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "GHNConsumer$<anon>" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "Thread-14997999" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "GHNConsumer" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "cb-computations-2" java.lang.IllegalStateException: Fatal Exception thrown on
 Scheduler.Worker thread.
        at rx.internal.schedulers.ScheduledAction.run(ScheduledAction.java:59)
        at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:471)
        at java.util.concurrent.FutureTask.run(FutureTask.java:262)
        at java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.access$201(Schedul
edThreadPoolExecutor.java:178)
        at java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThrea
dPoolExecutor.java:292)
        at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145)
        at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:615)
        at java.lang.Thread.run(Thread.java:745)
Caused by: java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "GHNConsumer" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "EventSweeper" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "Thread-14998199" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "cb-computations-1" java.lang.IllegalStateException: Fatal Exception thrown on
 Scheduler.Worker thread.
        at rx.internal.schedulers.ScheduledAction.run(ScheduledAction.java:59)
        at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:471)
        at java.util.concurrent.FutureTask.run(FutureTask.java:262)
        at java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.access$201(Schedul
edThreadPoolExecutor.java:178)
        at java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThrea
dPoolExecutor.java:292)
        at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145)
        at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:615)
        at java.lang.Thread.run(Thread.java:745)
Caused by: java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "ServiceDispacherThread-53" java.lang.OutOfMemoryError: GC overhead limit exce
eded
Exception in thread "GHNConsumer" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "GHNConsumer" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "GHNConsumer$<anon>" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "Thread-14998267" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "Updater" java.lang.OutOfMemoryError: GC overhead limit exceeded
Exception in thread "GHNConsumer$<anon>" java.lang.OutOfMemoryError: GC overhead limit exceeded
```

As I do not know if it's one of the exist backed services, I did not restart it because I don't know the procedure to follow if the exist database fails.

Related issues:		
Related to D4Science Infrastructure - Task #12384: Provide a cronjob for rest...	**Closed**	**Sep 04, 2018**

History

#1 - Sep 04, 2018 09:57 AM - Roberto Cirillo

- Status changed from New to In Progress

#2 - Sep 04, 2018 10:07 AM - Roberto Cirillo

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

- Infrastructure Pre-Production added

- Infrastructure deleted (Production)

This is the VREModeler service instance of preproduction infrastructure. It's a gCore based service and there is a memory leak in this service, so sometimes it's needed a restart.
I've just restarted it, now it is up.

#3 - Sep 04, 2018 01:49 PM - Andrea Dell'Amico

I assumed that it was production, from the hostname (it's still a Ubuntu 12.04 FYI).

About the restart, a cron job can be added in the same way we do on other gCore services.

#4 - Sep 04, 2018 02:21 PM - Roberto Cirillo

Andrea Dell'Amico wrote:

> I assumed that it was production, from the hostname (it's still a Ubuntu 12.04 FYI).

> About the restart, a cron job can be added in the same way we do on other gCore services.

OK. I'm going to open a separate ticket for this activity

#5 - Sep 04, 2018 02:29 PM - Roberto Cirillo

- Related to Task #12384: Provide a cronjob for restarting VREModeler service added