D4Science Infrastructure - Support #12034

ckan-bb1.d4science.org: too many opened connections to node66.p.d4science

Jun 26, 2018 11:21 AM - Roberto Cirillo

Status:	Closed		**Start date:**	Jun 26, 2018
Priority:	Normal		**Due date:**	
Assignee:	Luca Frosini		**% Done:**	100%
Category:	Other		**Estimated time:**	0.00 hour
Infrastructure:	Development			

Description

I see a lot of concurred opened connections from ckan-bb1.d4science.org to node66.p.d4science.research-infrastructures.eu
This host should be monitored.

Related issues:

Related to D4Science Infrastructure - Task #12031: gCubeApps - IS-Collector: ...	**Closed**	**Jun 26, 2018**

History

#1 - Jun 26, 2018 11:21 AM - Roberto Cirillo

- Related to Task #12031: gCubeApps - IS-Collector: too many open connections added

#2 - Jun 26, 2018 11:32 AM - Roberto Cirillo

- Status changed from New to In Progress

I see a lot of opened connection to node66.p, sometimes over 50. This is not normal.
From logs (INFO level) I don't see nothing.
I've also checked the connections from this host to the others IS-Collector (FARM- D4Research) but I don't see more than 1 opened connection.
I want to try to decrease the log level to DEBUG level, if possible, without restart the container. @andrea.dellamico@isti.cnr.it could I do that on
ckan-bb1.d4science.org? The distro deployed here is 4.11

#3 - Jun 26, 2018 11:35 AM - Andrea Dell'Amico

You should ask @francesco.mangiacrapa@isti.cnr.it as I only install the CKAN nodes. The smartgears part is separate from the main service, CKAN
is not a tomcat application. So you can run the ckan.yml playbook with the smartgears tag without touching anything CKAN related.

#4 - Jun 26, 2018 11:47 AM - Roberto Cirillo

In this host there is the smartgears distribution 4.11 but I don't remember if the logback version released in 4.11 allows to set the log level at runtime
without restart the container.
Do you remember how to check it @andrea.dellamico@isti.cnr.it ? I need to check the logback library version or the logback configuration file?

#5 - Jun 26, 2018 11:52 AM - Andrea Dell'Amico

The first line of the logback.xml file that automatically reload itself is:

```
<configuration scan="true" debug="false">
```

#6 - Jun 26, 2018 12:09 PM - Roberto Cirillo

Andrea Dell'Amico wrote:

> The first line of the logback.xml file that automatically reload itself is:
>
> ```
> <configuration scan="true" debug="false">
> ```

Thanks @andrea.dellamico@isti.cnr.it the line above is present. I'm going to set the level to DEBUG

#7 - Jun 26, 2018 03:10 PM - Roberto Cirillo

@andrea.dellamico@isti.cnr.it I guess the logback reloading doesn't work. I've set the log to DEBUG three hours ago but at the moment I don't see
any DEBUG log. Any hint?

#8 - Jun 26, 2018 03:22 PM - Andrea Dell'Amico

No. I tested it and it worked in the past, but I don't remember the specific smartgears version and the logback libraries (don't know if they have been

changed again).
Ask @francesco.mangiacrapa@isti.cnr.it if you can restart the tomcat server in the meantime, but I'm afraid that you are going to miss the cause of the problem because the restart could fix it.

#9 - Jun 26, 2018 05:54 PM - Roberto Cirillo

- Status changed from In Progress to Feedback

- Assignee changed from Roberto Cirillo to Luca Frosini

- % Done changed from 0 to 50

@luca.frosini@isti.cnr.it could I restart the container or do you want to check the behavior of this host?
I think that if the container will be restarted the behavior return to normal as happened on rstudio2.d4science.org: [#12033](#)

This line show the connection opened now from rstudio2.d4science.org (restarted)

```
root@node66:~# netstat -ano | grep 146.48.122.146:8080 | grep  ESTA | grep -c 146.48.123.73
0
```

This one show the connections opened now from ckan-bb1.d4science.org:

```
root@node66:~# netstat -ano | grep 146.48.122.146:8080 | grep  ESTA | grep -c 146.48.123.164
40
```

#10 - Jun 26, 2018 06:04 PM - Luca Frosini

From my point of view, you can restart it

#11 - Jun 27, 2018 11:24 AM - Roberto Cirillo

- Status changed from Feedback to Closed

- % Done changed from 50 to 100

The service has been restarted with log level set to DEBUG/TRACE. Now, the high number of opened connections to node66.p are disappeared. I'm going to close this ticket, if the problem returns, I'll reopen it