D4Science Infrastructure - Task #3140

Improve nagios checks for gCore container

Apr 05, 2016 04:32 PM - Roberto Cirillo

Status:	Closed		**Start date:**	Apr 05, 2016
Priority:	Normal		**Due date:**	
Assignee:	Andrea Dell'Amico		**% Done:**	100%
Category:	System Application		**Estimated time:**	0.00 hour
Target version:	improve nagios checks			
Infrastructure:	Pre-Production, Production			

Description

At this time we have a simple nagios check on container port but this check often is not enough.
For example, if a container, for some reasons, is in outOfMemory, the nagios check on container port doesn't detect this problem.
We have successfully tested a new check based on wsdl url that is able to detect this kind of problem. The new check should be the following:

```
http://host:port/wsrf/services/gcube/common/vremanagement/GHNManager?WSDL
```

where "host" is the host of the container and "port" is the port where the container is running. All gCore containers in production environment should be configured in this way.

Related issues:

Related to D4Science Infrastructure - Task #850: Investigate a new way for ch...	**Closed**	**Apr 01, 2016**

History

#1 - Apr 05, 2016 04:38 PM - Roberto Cirillo

- File wsdlgCoreCheckList.txt added

In attachment a list of containers where the new check is failing. The smartgears hosts in this list should be equipped with a proper nagios check for smartgears containers.

#2 - Apr 05, 2016 04:46 PM - Roberto Cirillo

- Related to Task #850: Investigate a new way for check smartgears container by nagios added

#3 - Apr 07, 2016 12:38 PM - Andrea Dell'Amico

- Status changed from New to In Progress

- % Done changed from 0 to 80

I switched to the new check all the nodes described as SMART instances on the attachment.

#4 - Apr 07, 2016 12:39 PM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

It seems that the following nodes aren't smartgears nodes:

```
dewn03.madgik.di.uoa.gr
dewn09.madgik.di.uoa.gr
dl23.di.uoa.gr
node41.d4science.org
node13.p.d4science.research-infrastructures.eu
node31.p.d4science.research-infrastructures.eu
node56.p.d4science.research-infrastructures.eu
```

#5 - Apr 07, 2016 12:44 PM - Andrea Dell'Amico

Some more:

```
node51.p.d4science.research-infrastructures.eu
dewn08.madgik.di.uoa.gr
dl17.di.uoa.gr
```

#6 - Apr 07, 2016 12:48 PM - Andrea Dell'Amico

- Status changed from Feedback to In Progress

My fault, I used the check that should be used to test the gcore nodes.

#7 - Apr 07, 2016 01:21 PM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

OK, there is one node that's failing the gCore check:

```
dewn10.madgik.di.uoa.gr
```

#8 - Apr 07, 2016 02:36 PM - Roberto Cirillo

Andrea Dell'Amico wrote:

> OK, there is one node that's failing the gCore check:
>
> ```
> dewn10.madgik.di.uoa.gr
> ```

Yes, because it is a smartgears node.

#9 - Apr 07, 2016 02:52 PM - Andrea Dell'Amico

Roberto Cirillo wrote:

> Andrea Dell'Amico wrote:
>
> > OK, there is one node that's failing the gCore check:
> >
> > ```
> > dewn10.madgik.di.uoa.gr
> > ```
>
> Yes, because it is a smartgears node.

I see that there's a tomcat instance running, but http://dewn10.madgik.di.uoa.gr:8080/whn-manager/gcube/resource/ returns 404 (as it does on the hosts listed in #3157)

#10 - Apr 07, 2016 03:41 PM - Andrea Dell'Amico

- Status changed from Feedback to Closed

- % Done changed from 80 to 100

The new check is active for all the gCore nodes.

Files

wsdlgCoreCheckList.txt	1.03 KB	Apr 05, 2016	Roberto Cirillo