

D4Science Infrastructure - Task #850

Investigate a new way for check smartgears container by nagios

Oct 01, 2015 02:45 PM - Roberto Cirillo

Status:	Closed	Start date:	Apr 01, 2016
Priority:	Normal	Due date:	
Assignee:	Roberto Cirillo	% Done:	100%
Category:	System Application	Estimated time:	0.00 hour
Target version:	improve nagios checks		
Infrastructure:	Development, Pre-Production, Production		
Description <p>At this time we have a simple nagios check on tomcat port but this check often is not enough. If a container, for some reasons, is not longer registered on the infrastructure for some time, the nagios check on tomcat port doesn't detect this problem. A possible way for enhance the nagios check could be the following: Every Smartgears node has an enabling service: Whn-Manager. This service could be checked via http for verify the container status. For example, this url (related to node2-d-d4s.d4science.org): http://node2-d-d4s.d4science.org:8080/whn-manager/gcube/resource/ responds with a "resource is active" string. What happen if this container, for some reasons, is no longer registered to the Infrastructure? What answer will be provided by this url? if the answer is "the resource is not active", we have found a more specific nagios check. There is a way to check this behavior?</p>			
Related issues:			
Related to D4Science Infrastructure - Task #3140: Improve nagios checks for g...		Closed	Apr 05, 2016
Related to D4Science Infrastructure - Task #3157: Improve the nagios check fo...		Closed	Apr 07, 2016

History

#1 - Mar 03, 2016 03:58 PM - Roberto Cirillo

- Tracker changed from Support to Task
- Start date changed from Oct 01, 2015 to Apr 01, 2016

#2 - Apr 05, 2016 04:40 PM - Roberto Cirillo

- Target version changed from System Configuration to improve nagios checks

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

- Related to Task #3140: Improve nagios checks for gCore container added

#4 - Apr 05, 2016 05:06 PM - Roberto Cirillo

When the container is down, this url return an error. So, I think, this url should be better than the standard check on the port.
In my opinion, we could change the standard check with this one.
What do you think about this, @lucio.lelii@isti.cnr.it , @andrea.dellamico@isti.cnr.it ?

#5 - Apr 05, 2016 05:08 PM - Lucio Lelii

I agree with you, this is the right way to check the smartgears container

#6 - Apr 07, 2016 12:37 PM - Andrea Dell'Amico

- Status changed from New to Closed
- % Done changed from 0 to 100
- Infrastructure Pre-Production, Production added

#7 - Apr 07, 2016 01:24 PM - Andrea Dell'Amico

- Related to Task #3157: Improve the nagios check for the Smartgears (not the smart executor ones) nodes added

#8 - Apr 07, 2016 03:02 PM - Andrea Dell'Amico

- *Status changed from Closed to In Progress*

@lucio.ileii@isti.cnr.it Can you tell when the /whn-manager/gcube/resource/ URL was added to the whn-manager? There are some smartgears installations that fail the nagios check. Most of them are Greek VMs that I cannot access. But on node31.p.d4science.research-infrastructures.eu and node13.p.d4science.research-infrastructures.eu where the check is also failing, the whn-manager version is 1.0.0-3.1.0 installed on april 2014, so two years old.

#9 - Apr 07, 2016 03:42 PM - Andrea Dell'Amico

- *Status changed from In Progress to Closed*

Never mind. The war installation name was the problem, see [#3159](#)