

D4Science Infrastructure - Incident #12379

StorageHub not working on all VREs under D4Research VO

Sep 03, 2018 06:48 PM - Massimiliano Assante

Status:	Closed	Start date:	Sep 03, 2018
Priority:	Normal	Due date:	Sep 03, 2018
Assignee:	Lucio Lelii	% Done:	100%
Category:	Other	Estimated time:	0.00 hour
Target version:	UnSprintable		
Infrastructure:	Production		
Description			

History

#1 - Sep 04, 2018 09:45 AM - Roberto Cirillo

- Status changed from New to In Progress

#2 - Sep 04, 2018 09:49 AM - Roberto Cirillo

- Status changed from In Progress to Feedback

- Assignee changed from Roberto Cirillo to Massimiliano Assante

The resource is registered properly under D4Research VO.

Could you add a minimal description in order to understand better the problem?

Have you notice some exception on portal log?

Have you a link to a not working portlet? In which scope have you notice that the storagehub services is not responding? Thanks

#3 - Sep 04, 2018 11:06 AM - Massimiliano Assante

Yesterday, on AGINFRAPlus and other VREs under D4Research the workspace widget (exploit storage hub was not working), today is back to work, Not sure what happened but in attachment is the exception thrown yesterday in the portal log. As you can see there were issues in finding the endpoint

```
2018-09-03 16:49:17,894 INFO o.g.r.d.i.Helper [RuntimePageImpl-8,queryAddAuthenticationControl:200][PORTAL] 1
355438 [RuntimePageImpl-8] INFO org.gcube.resources.discovery.icclient.Helper - submitting filtered query: de
clare namespace ic = 'http://gcube-system.org/namespaces/informationssystem/registry'; declare namespace functx
= "http://www.functx.com"; declare function functx:is-value-in-sequence ( $value as xs:anyAtomicType? , $se
q as xs:anyAtomicType* ) as xs:boolean { $value = $seq } ; for $entry0ValueAuth in collection('/db/Profile
s/RunningInstance')//Document/Data/ic:Profile/Resource/Scopes , $entry in $entry0ValueAuth/../../Profile/AccessPo
int/RunningInstanceInterfaces/Endpoint where (functx:is-value-in-sequence('/d4science.research-infrastructure
es.eu/D4Research/AgroClimaticModelling', $entry0ValueAuth/child::*[local-name()='Scope']/text()) or functx:is-v
alue-in-sequence('/d4science.research-infrastructure.eu/D4Research', $entry0ValueAuth/child::*[local-name()='S
cope']/text())) and ( ($entry0ValueAuth/../../Profile/ServiceClass/text() eq 'DataAccess') and ($entry0ValueAuth
/../../Profile/ServiceName/text() eq 'StorageHub') and ($entry0ValueAuth/../../Profile/DeploymentData/Status/text()
eq 'ready') and (contains($entry/string(),'storagehub/workspace'))) ) return $entry/text()
java.lang.RuntimeException: org.gcube.common.clients.exceptions.DiscoveryException: no endpoints found for org
.gcube.resources.discovery.client.queries.impl.XQuery@c33e1e15=declare namespace ic = 'http://gcube-system.org
/namespaces/informationssystem/registry'; for $resource in collection('/db/Profiles/RunningInstance')//Document
/Data/ic:Profile/Resource, $entry in $resource/Profile/AccessPoint/RunningInstanceInterfaces/Endpoint where ($
resource/Profile/ServiceClass/text() eq 'DataAccess') and ($resource/Profile/ServiceName/text() eq 'StorageHub
') and ($resource/Profile/DeploymentData/Status/text() eq 'ready') and (contains($entry/string(),'storagehub/w
orkspace')) return $entry/text()
    at org.gcube.common.storagehub.client.proxies.DefaultWorkspaceManager.getVreFolder(DefaultWorkspaceManager
.java:137)
    at org.gcube.portlets.user.wswidget.StorageHubServiceUtil.getWorkspaceFolderURL(StorageHubServiceUtil.java
:136)
    at org.apache.jsp.html.workspacewidget.view_jsp._jspService(view_jsp.java:466)
    at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:70)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:731)
    ...
    at java.util.concurrent.FutureTask.run(FutureTask.java:266)
    at com.liferay.portal.kernel.concurrent.ThreadPoolExecutor$WorkerTask._runTask(ThreadPoolExecutor.java:682)
)
    at com.liferay.portal.kernel.concurrent.ThreadPoolExecutor$WorkerTask.run(ThreadPoolExecutor.java:593)
    at java.lang.Thread.run(Thread.java:748)
```

```
Caused by: org.gcube.common.clients.exceptions.DiscoveryException: no endpoints found for org.gcube.resources.
discovery.client.queries.impl.XQuery@c33e1e15=declare namespace ic = 'http://gcube-system.org/namespaces/infor
mationsystem/registry'; for $resource in collection('/db/Profiles/RunningInstance')//Document/Data/ic:Profile/
Resource, $entry in $resource/Profile/AccessPoint/RunningInstanceInterfaces/Endpoint where ($resource/Profile/
ServiceClass/text() eq 'DataAccess') and ($resource/Profile/ServiceName/text() eq 'StorageHub') and ($resource
/Profile/DeploymentData/Status/text() eq 'ready') and (contains($entry/string(),'storagehub/workspace')) retur
n $entry/text()
    at org.gcube.common.clients.delegates.DiscoveryDelegate.make(DiscoveryDelegate.java:118)
    at org.gcube.common.storagehub.client.proxies.DefaultWorkspaceManager.getVreFolder(DefaultWorkspaceManager
.java:134)
    ... 63 more
```

#4 - Sep 04, 2018 12:02 PM - Roberto Cirillo

- File *noendpoints.log* added

#6 - Sep 04, 2018 12:35 PM - Roberto Cirillo

- Assignee changed from *Massimiliano Assante* to *Lucio Lelii*

The exceptions found yesterday are 40 not 84 as previously said. All the exceptions were related to the storagehub resource under D4Research VO except for 2 exceptions regarding the missing AquaMaps resource under SmartArea and SoBigData VO.
My trouble is: why only the StorageHub resource give this exception? Was this pure coincidence? @lucio.lelii@isti.cnr.it any opinion?

#7 - Sep 04, 2018 12:35 PM - Roberto Cirillo

- Priority changed from *Urgent* to *Normal*

#8 - Sep 04, 2018 03:02 PM - Roberto Cirillo

- Status changed from *Feedback* to *Closed*

- % Done changed from *0* to *100*

The problem seems to be related to the IS-Registry service of D4Research VO that sometimes fails to republish the GCoreEndpoint:

```
2018-09-03 14:51:17,455 INFO publisher.ISResourcePublisher [ServiceThread-7721,info:78] ISResourcePublisher:
ISPublisher is going to publish the GCUBEResource e659e189-82df-4b98-84c6-efb5bf61db42
2018-09-03 14:51:19,686 ERROR generic.GCUBEGenericBulkPublisher [BulkPublisher,error:72] GCUBEGenericBulkPubli
sher: Unable to publish resources for Profiles/RunningInstance in scope /d4science.research-infrastructures.eu
/D4Research
java.lang.ArrayIndexOutOfBoundsException
2018-09-03 14:51:20,187 ERROR generic.GCUBEGenericBulkPublisher [BulkPublisher,error:72] GCUBEGenericBulkPubli
sher: Unable to publish resources for Profiles/GHN in scope /d4science.research-infrastructures.eu/D4Research
java.lang.ArrayIndexOutOfBoundsException
```

I'm going to close this incident and open a specific ticket in order to investigate about this issue.

Files

noendpoints.log	102 KB	Sep 04, 2018	Roberto Cirillo
-----------------	--------	--------------	-----------------