QGIS Application - Bug report #14595
WMS layer can be loaded but is not displayed

2016-03-31 03:55 AM - klaudio collaku

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Web Services clients/WMS			
Affected QGIS version:	2.12.1	**Regression?:**	No	
Operating System:	windows	**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**		
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	22563	

Description

I am trying to import WMS from geoserver link to QGIS 2.8.4 & the latest 2.12.1:

http://geoportal.asig.gov.al/Services/host/host.ashx?url=http://localhost:8080/geoserver/asig/wmsx%x%

QGIS get the request and show the layers of the workspace, and also the get info. My problem is that the layer is not visible in the view.

It works fine with version 2.2:

History

#1 - 2016-03-31 04:38 AM - Jukka Rahkonen

Server address is returning for me just "The resource you are looking for might have been removed, had its name changed, or is temporarily unavailable."

#2 - 2016-03-31 04:40 AM - klaudio collaku

sorry the correct link is

http://geoportal.asig.gov.al/Services/host/host.ashx?url=http://localhost:8080/geoserver/asig/wms

#3 - 2016-04-01 07:45 AM - Jukka Rahkonen

That service seems to redirect GetCapabilities request and my QGIS 2.12 never gets GetCapabilities. I could test the service with OpenJUMP and it does get maps but only if the advertised GetMap URL is omitted. I hope that these findings help in debugging.

Response to the original GetCapabilities

HTTP/1.1 302 Found
Cache-Control: private
Transfer-Encoding: chunked
Content-Type: text/html; charset=utf-8
Location:
/Services/host/host.ashx?url=http://localhost:8080/geoserver/asig/wms&SERVICE=WMS&REQUEST=GetCapabilities&AspxAutoDetectCookieSupport=1
Server: Microsoft-IIS/8.5
X-AspNet-Version: 4.0.30319
X-Powered-By: ASP.NET
Date: Fri, 01 Apr 2016 14:17:48 GMT
Connection: Keep-Alive

Set-Cookie: AspxAutoDetectCookieSupport=1; path=/

Age: 0

This reads GetCapabilities with a browser

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http://geoportal.asig.gov.al/Services/host/host.ashx?url=http://localhost:8080/geoserver/asig/wms&REQUEST=GetCapabilities&version=1.3.0

This gets a map

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http://geoportal.asig.gov.al/Services/host/host.ashx?url=http://localhost:8080/geoserver/asig/wms&REQUEST=GetMap&SERVICE=WMS&ERSION=1.1.1&WIDTH=1143&HEIGHT=602&LAYERS=kufi_admin&TRANSPARENT=TRUE&FORMAT=image%2Fpng&BBOX=9677OX=96772.62253920198,4381348.390199999,761038.957460799,4731206.9498000005&SRS=EPSG:32634&STYLES=

#4 - 2016-04-02 02:22 PM - Anita Graser

Seems to work fine in master. Can you update and try again?

#5 - 2016-04-02 02:23 PM - Anita Graser

- Subject changed from wms not to WMS layer can be loaded but is not displayed

#6 - 2016-04-04 01:35 AM - Jukka Rahkonen

I installed version 2.14.1 with OSGeo4W and made a new trial.

- I can create connection and read GetCapabilities with URL

http://geoportal.asig.gov.al/Services/host/host.ashx?url=http://localhost:8080/geoserver/asig/wms

- I can't read layers from the service. If I select for example layer "kufi_admin" and press the Add button I can see immediately a red warning in the project window:

Invalid Layer: Raster layer Provider is not valid (provider: wms, URI:
contextualWMSLegend=0&crs=EPSG:4326&dpiMode=7&featureCount=10&format=image/png&layers=kufi_admin&styles=&url=http://geoportal.asig.gov.al/Servic
.al/Services/host/host.ashx?url%3Dhttp://localhost:8080/geoserver/asig/wms

From to log of my local proxy I can see that QGIS is sending GetCapabilities and it receives the response which is evident because the layer list is created. However, pressing the Add-button does not lead to any http-request but the errow message that I posted above comes immediately. The message in the message log window is not very informative:

"Download of capabilities failed: Protocol "" is unknown"

#7 - 2016-04-09 08:43 AM - Giovanni Manghi

- File wms1.png added
- Target version deleted (Future Release - Nice to have)
- Assignee deleted (klaudio collaku)
- Status changed from Open to Feedback

no apparent problems here on master, see attached image.

#8 - 2016-04-11 03:37 AM - Jukka Rahkonen

Works for my too now with the same QGIS version 2.14.1.

For my mind this means that the problem exists but it is fuzzy and it happens sometimes, in some environments, but sometimes not.

What I did was to change my proxy settings from company proxy into local proxy and back to company proxy. After these actions GetMaps work and I do not get any more the "Download of capabilities failed: Protocol "" is unknown" errors. I do not believe that this is a workaround that works for everybody but hopefully helps with debugging. What gets refreshed when proxy settings are changed?

#9 - 2016-04-11 03:40 AM - klaudio collaku

- % Done changed from 0 to 100

- Status changed from Feedback to Closed

- Target version set to Version 2.14

Files

wms1.png	344 KB	2016-04-09	Giovanni Manghi