

QGIS Application - Bug report #9026

WFS connection trouble with partly secured server

2013-11-07 12:39 AM - Jukka Rahkonen

Status: Closed	
Priority: Normal	
Assignee:	
Category: Web Services clients/WFS	
Affected QGIS version: 2.0.1	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution: not reproducible
Crashes QGIS or corrupts data:	Copied to github as #: 17681

Description

This server has some open-for-all WFS layers and some which need authentication

http://tampere.navici.com/tampere_wfs_geoserver/tampere_ora/ows?

For example this is free: TYPENAME=tampere_ora:KH_TILASTO

but this is secured: TYPENAME=tampere_ora:ONK_NMR_MVIEW

QGIS has no troubles as long as I am reading just the free layers. Discussion between client and server goes without authentication and both are happy. Trouble begins is I try to read a secured layer. The server sends back "HTTP/1.1 401 Unauthorized" and asks to give credentials. I do not have those and therefore I just ask QGIS to cancel this operation.

The trouble is that after cancelling the trial to read the secured layer QGIS cannot any more get data from the free feature types. This seems to come from that after the cancelled operation QGIS is adding the Authorization header "Authorization: Basic Og==" to the requests and the server is rejecting all of them. Below is an example about how the discussion goes:

GET

http://tampere.navici.com/tampere_wfs_geoserver/tampere_ora/ows?SERVICE=WFS&REQUEST=GetCapabilities&VERSION=1.0.0 HTTP/1.1

Connection: Keep-Alive

Accept-Encoding: gzip

Accept-Language: fi-FI,en,*

User-Agent: Mozilla/5.0

Host: tampere.navici.com

Authorization: Basic Og==

HTTP/1.1 401 Unauthorized

Date: Thu, 07 Nov 2013 05:19:52 GMT

Set-Cookie: SPRING_SECURITY_REMEMBER_ME_COOKIE=""; Expires=Thu, 01-Jan-1970 00:00:10 GMT;

Path=/tampere_wfs_geoserver

WWW-Authenticate: Basic realm="GeoServer Realm"

Content-Type: text/html;charset=utf-8

Vary: Accept-Encoding

Content-Length: 1299

Keep-Alive: timeout=15, max=96

Connection: Keep-Alive

In an attachment there are all the requests and answers from such a case, I only removed the long XML data contents from GetCapabilities and successful GetFeature.

History

#1 - 2017-05-01 01:09 AM - Giovanni Manghi

- *Easy fix? set to No*
- *Regression? set to No*

#2 - 2018-03-01 12:28 PM - Giovanni Manghi

- *Status changed from Open to Feedback*

Please test with a recent QGIS release (2.18 or 3), if the issue/request is still valid change the affected version accordingly, if is fixed/implemented then close the ticket. Thanks!

#3 - 2018-08-16 12:10 AM - Giovanni Manghi

- *Resolution set to not reproducible*
- *Status changed from Feedback to Closed*
- *Description updated*

Closing for lack of feedback.

Files

QGIS_talking_with_partly_secured_WFS_server.txt	23.7 KB	2013-11-06	Jukka Rahkonen
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