

## QGIS Application - Bug report #15597

### In QGIS > =2.16.\* loading of WFS layers with (Geoserver) authentication fails

2016-09-21 05:34 AM - Giovanni Manghi

<b>Status:</b> Closed	
<b>Priority:</b> Severe/Regression	
<b>Assignee:</b> Alessandro Pasotti	
<b>Category:</b> Web Services clients/WFS	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 23520

#### Description

##### New description:

Start a Geoserver endpoint (tested with 2.7.4 and 2.9), load a couple of layers, one behind authentication and the other not.

Enable WFS.

Create the connection in QGIS >= 2.16 and enter the credentials.

Connect to the endpoint, as expected both layers are listed.

Try load the layer not protected > ok

Try load the layer protected > "

Layer geonode:XXX: Download of features for layer geonode:XXX failed or partially failed: Server generated an exception in GetFeature response: Feature type geonode:XXX unknown. You may attempt reloading the layer with F5"

This does not happen on LTR.

##### Old description:

Scenario: a Geonode/Geoserver instance with a few vector layers behind authentication via Geonode (I guess that could be basic http authentication).

In QGIS 2.16.\* loading such layers results in:

Layer geonode:XXX: Download of features for layer geonode:XXX failed or partially failed: Server generated an exception in GetFeature response: Feature type geonode:XXX unknown. You may attempt reloading the layer with F5

on QGIS 2.14 and previous no issues.

#### Associated revisions

Revision 502a8da4 - 2017-01-14 04:08 PM - Alessandro Pasotti

[bugfix] WFS-T Fixes #15597 #16043

Tested on GeoServer and QGIS Server

Needs forward port to master

**Revision 93770b1c - 2017-01-14 04:27 PM - Alessandro Pasotti**

Merge pull request #3989 from elpaso/wfst-200-fix-15597

[bugfix] WFS-T fixes #15597 #16043 geoserver compatibility

**Revision 9324bdac - 2017-01-16 11:38 AM - Alessandro Pasotti**

[bugfix] WFS-T Fixes #15597 #16043

This commit fixes a few bugs on WFS-T with servers that support WFS-T > 1.0.0 when user configure version != 1.0.0 ("auto" is the default).

It also fixes WFS-T multiple operations on GeoServer when an insert operation is among them and the feature store does not return generated feature ids for the inserted features (i.e. shapefiles).

Tested on GeoServer and QGIS Server  
(cherry-picked from 502a8da40380)

**Revision 39a5f6a4 - 2017-01-16 11:55 AM - Alessandro Pasotti**

Merge pull request #3999 from elpaso/wfst-fixes-15597-16043

[bugfix] WFS-T Fixes #15597 #16043

**History**

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**#1 - 2016-10-06 01:03 PM - Even Rouault**

- Status changed from Open to Feedback

Isn't that a duplicate of #15360, now fixed ?

**#2 - 2016-10-07 07:08 AM - Giovanni Manghi**

Even Rouault wrote:

| Isn't that a duplicate of #15360, now fixed ?

In what revision was this fixed? I just updated qgis master on osgeo4w (commit:ee87dc3) and still the issue.

**#3 - 2016-10-07 02:41 PM - Larry Shaffer**

Hi,

I have a PR for (maybe) fixing this:

<https://github.com/ggis/QGIS/pull/3576>

More specifically:

<https://github.com/ggis/QGIS/pull/3576/commits/cd23455>

It is also ready for master and release-2\_16, which both required carefully addressing merge conflicts.

<https://github.com/ggis/QGIS/pull/3577>

[https://github.com/dakcarto/QGIS/tree/release-2\\_16-ows-fixes](https://github.com/dakcarto/QGIS/tree/release-2_16-ows-fixes)

This is a follow up to Alessandro's work.

**#4 - 2016-10-07 02:43 PM - Larry Shaffer**

Giovanni, do you mind compiling the fix and testing for your scenario (either master\_2 or release-2\_16-ows-fixes branches)?

**#5 - 2016-10-11 02:50 AM - Giovanni Manghi**

Larry Shaffer wrote:

*Giovanni, do you mind compiling the fix and testing for your scenario (either master\_2 or release-2\_16-ows-fixes branches)?*

Hi Larry, I compiled your branch QGIS-release-2\_16-ows-fixes.

It seems that the issue where the WFS client "forgets" the username is fixed.

I still see the problem in loading layers behind authentication, the use case is Geonode/Geoserver. On the same endpoint wfs layers that are not protected load fine.

**#6 - 2016-10-11 07:18 AM - Larry Shaffer**

*- Subject changed from In QGIS > =2.16.\* lading of WFS layers with authentication fails to In QGIS > =2.16.\* loading of WFS layers with authentication fails*

**#7 - 2017-01-02 07:03 AM - Giovanni Manghi**

*- Crashes QGIS or corrupts data changed from Yes to No  
- Affected QGIS version changed from master\_2 to 2.16.3  
- Status changed from Feedback to Open*

**#8 - 2017-01-12 06:39 AM - Alessandro Pasotti**

*- Assignee set to Alessandro Pasotti*

OP reported that credentials has been entered directly and not using password manager

**#9 - 2017-01-13 02:45 AM - Alessandro Pasotti**

*- Status changed from Open to In Progress*

Cannot reproduce with QGIS Desktop current master <-> QGIS Server current master + HTTP Basic auth plugin  
Cannot reproduce with QGIS Desktop current master <-> GeoServer in suite 4.9 configured with HTTP Basic authentication

**#10 - 2017-01-13 08:45 AM - Giovanni Manghi**

- Subject changed from *In QGIS > =2.16.\* loading of WFS layers with authentication fails to In QGIS > =2.16.\* loading of WFS layers with (Geonode) authentication fails*

Alessandro Pasotti wrote:

Cannot reproduce with QGIS Desktop current master <-> QGIS Server current master + HTTP Basic auth plugin  
Cannot reproduce with QGIS Desktop current master <-> GeoServer in suite 4.9 configured with HTTP Basic authentication

it seems to be a Geonode thing only.

**#11 - 2017-01-14 07:24 AM - Anonymous**

- Status changed from *In Progress to Closed*

Fixed in changeset commit:"93770b1c307fe42c910eb993c7d813931512ba75".

**#12 - 2017-01-16 08:20 AM - Giovanni Manghi**

- Status changed from *Closed to Reopened*

**#13 - 2017-01-17 02:04 AM - Giovanni Manghi**

- Subject changed from *In QGIS > =2.16.\* loading of WFS layers with (Geonode) authentication fails to In QGIS > =2.16.\* loading of WFS layers with (Geoserver) authentication fails*

- Affected QGIS version changed from *2.16.3 to master*

Sorry for the confusion, it a problem that is visible using Geoserver authentication (that is used also by Geonode). Tested with Geoserver 2.7.4 and 2.9.

**#14 - 2017-01-17 06:20 AM - Giovanni Manghi**

- Resolution set to *fixed/implemented*

- Status changed from *Reopened to Closed*

fixed by #c80e5d131d676f7ee73b3a943d30c034aa33db5e