

QGIS Application - Bug report #20928

Connecting to WMS service requiring an authentication shows a popup for user/password that freezes the applications few seconds after it appears

2019-01-07 10:19 AM - Marc LE BIHAN

Status:	Closed	
Priority:	High	
Assignee:	Nyall Dawson	
Category:	Web Services clients/WMS	
Affected QGIS version:	3.4.2	Regression?: Yes
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: duplicate
Crashes QGIS or corrupts data:		Copied to github as #: 28747
Description		
<p>Since QGis 3.4.2 (or maybe even 3.4.1) when I attempt to connect to a WMS service that requires an authentication with user / password, a popup appears at the time I add a layer from this WMS service to display it.</p> <p>A caret blink on this popup. But as soon as I try to enter data on it the caret freezes as well as the popup and the whole application.</p>		

History

#1 - 2019-01-07 01:08 PM - Giovanni Manghi

- Status changed from Open to Feedback

I just tried with a service that is password protected with Apache basic http authentication, and works as expected.

#2 - 2019-01-07 02:15 PM - Marc LE BIHAN

- Status changed from Feedback to Open

We are encountering the same problem on every computer where QGis 4.3.x is currently installed, and I also have the same problem at home.

It's truly a bug.

#3 - 2019-01-07 03:01 PM - Marc LE BIHAN

BTW, I am ready to search the cause of the trouble. The involved source maybe be around :

<https://github.com/qgis/QGIS/tree/master/src/gui/auth>

However;

no docs upon methods, quite no comments inside them,

No exception handling,

No logs

It won't be easy.

#4 - 2019-01-07 04:08 PM - Giovanni Manghi

- Status changed from Open to Feedback

Marc LE BIHAN wrote:

We are encountering the same problem on every computer where QGIS 4.3.x is currently installed, and I also have the same problem at home.

what is your backend? how you are securing it? do you have a URL you can share?

#5 - 2019-01-08 09:58 AM - Marc LE BIHAN

- Status changed from Feedback to Open

The backend is Inspire or Geoportail coming from IGN :

http://wxs.ign.fr/user_key/inspire/v/wms

or

http://wxs.ign.fr/user_key/geoportail/v/wms

On the picture provided with this issue, we see that the first access (GetCapabilities) is a success : the list of the layer is shown.

However, when we attempt to add any of their layers for a map representation, QGIS hangs.

Stop setting it as a feedback only :

It truly a bug, as it affects all installations in different geographic places, with a server that is not unknown (Geoportail / Inspire from IGN).

It's not because your Galaxy smartphone battery is not exploding that they are not exploding if someone told you they are exploding. It would have been better if I could have proven myself with some logs showing the problem, but they are none in QGIS. At least, believe people when they say a bug is a bug, please. I know you have plenty of them already, and I really want to help you. But stop minimizing everything. QGIS is really unstable and its quality is lowering versions after versions.

I will help you tracking this bug because we are in emergency here => QGIS not working with one of its core functions with no messages. If you can name me the source that displays the form where the user/password is shown and I will analyze that source code to see if anything can explain why it hangs. Because the caret is frozen on it, like the whole application.

#6 - 2019-01-08 10:16 AM - Giovanni Manghi

Marc LE BIHAN wrote:

At least, believe people when they say a bug is a bug, please. I know you have plenty of them already, and I really want to help you. But stop minimizing everything.

you really didn't understand at all my answers (so stop implying things are not true): I have not minimized the problem, on the very contrary. I'm the first person interested to understand if this is a real regression, and if it is the case give the maximum priority in this tracker. But for this to happen you have to give us (eventually with a private message) a way to replicate the issue. What I have told you at the beginning is that with a basic https authentication using apache (and mapserver and qgis server) this problem does not seem to show. I think that the URLs you provided need this "user_key" and/or a credential, can you provide them for testing purposes?

#7 - 2019-01-08 10:17 AM - Giovanni Manghi

- Status changed from Open to Feedback

And by the way, tagging the ticket as "feedback" means ONLY that we are asking questions and further details, it does not mean the ticket is closed.

#8 - 2019-01-08 10:29 AM - Marc LE BIHAN

I can't yet give account key and credentials : they are own by my company.
It is possible to create a free account on Geoportail, but it makes you going far.

Whatever, I can help to investigate the issue here, provided I know with what source I shall start my tracking.
I am looking for the one that displays that form on the screen, and hangs soon after it gets the focus (or even before).

What is the cpp source file in charge of displaying that form ?

#9 - 2019-01-08 10:32 AM - Giovanni Manghi

Marc LE BIHAN wrote:

| *I can't yet give account key and credentials : they are own by my company.*

if you can't give the qgis developers a way to replicate the issue, and you are the only one being hit by it than you are possibly by yourself. If you want more details about the qgis code for the wms client the right place where to ask is the developers mailing list.

#10 - 2019-01-08 10:35 AM - Alessandro Pasotti

@Marc, please cool down, we are (mostly) volunteers donating our free time for the sake of the project, if you are in a hurry and you have a budget you should better contact one of the many companies offering commercial support for QGIS.

That said, I'm personally much more keen to work on bugs where there is a clear and step-by-step procedure that I can follow to reproduce the issue.

There have been some recent changes in the authentication code, it would be useful information if you could test the previous versions in the 3.x serie and tell us if the bug was already present.

Btw, did you try to use the (recommended) authentication configuration for the endpoint instead of waiting for the popup?

#11 - 2019-01-08 10:58 AM - Marc LE BIHAN

- *File config_qgis.png added*

I have tried to set a standard configuration (picture), or one in the tab "De base", but the popup is always coming at the time I add a layer.
And I think the recent changes in the authentication code might be involved, as few QGIS version ago, this feature was working.

#12 - 2019-01-08 11:12 AM - Marc LE BIHAN

I see in source code a lot of mutex... Oh no... Quite no one in the world knows how to work with them well. The freeze has many chances to come from them.

#13 - 2019-01-08 11:18 AM - Giovanni Manghi

Marc LE BIHAN wrote:

*I have tried to set a standard configuration (picture), or one in the tab "De base", but the popup is always coming at the time I add a layer.
And I think the recent changes in the authentication code might be involved, as few QGIS version ago, this feature was working.*

does it works as expected on 2.18?

#14 - 2019-01-08 11:18 AM - Giovanni Manghi

Marc LE BIHAN wrote:

I see in source code a lot of mutex... Oh no... Quite no one in the world knows how to work with them well. The freeze has many chances to come from them.

please raise your concerns in the developers mailing list.

#15 - 2019-01-08 11:28 AM - Marc LE BIHAN

I don't know, but in version 3.2.x I am quite sure that feature was working well.

#16 - 2019-01-08 12:14 PM - Giovanni Manghi

Marc LE BIHAN wrote:

I don't know, but in version 3.2.x I am quite sure that feature was working well.

you should also try 2.18, that is still the LTR/stable release.

#17 - 2019-01-09 11:56 AM - Marc LE BIHAN

- File *qgis_2_18.png* added

On 3.2.1 I've checked : it hangs also.

On 2.1.18 : the popup comes even if a user/password has already been set during WMS configuration.
But after that it seems to work well, except that the password is asked again each time I move the view.

#18 - 2019-01-09 01:37 PM - Giovanni Manghi

Marc LE BIHAN wrote:

On 3.2.1 I've checked : it hangs also.

ok, but it barely matters as 3.2 was not a stable release. If the bug persist on 3.4/master that matters.

*On 2.1.18 : the popup comes even if a user/password has already been set during WMS configuration.
But after that it seems to work well, except that the password is asked again each time I move the view.*

2.18.27? was the password saved when creating the connection?

#19 - 2019-01-10 02:13 PM - Marc LE BIHAN

Yes, but when the popup come the first time the two fields are empty (username and password), and when it came again, only the username is filled.

#20 - 2019-01-29 04:36 AM - Nyall Dawson

- Assignee set to Nyall Dawson

- Status changed from Feedback to In Progress

#21 - 2019-01-29 05:54 AM - Nyall Dawson

- Status changed from In Progress to Closed

- Resolution set to duplicate

Duplicate of #20826

#22 - 2019-01-29 08:27 AM - Marc LE BIHAN

Ok.

Good to see that it is not working as expected,
that it is not a problem due to a backend,
that it is well known since one month,
and that its cause is a failed refactoring.

I see no tests, nowhere. How do you check your program are working ?

#23 - 2019-01-29 11:03 AM - Nyall Dawson

Marc -- you seem to have a fundamental misunderstanding as to how open source development works. The responsibility for fixing a bug which affects you resides with YOURSELF. The responsibility for adding unit tests covering functionality you want to see tested lies with YOURSELF.

There is no "magic elves" here. Volunteer your time, or PAY SOMEONE to fix your bugs. Or at the very least, improve your attitude and communication skills so that others will actually feel like donating their time to help you.

Read <https://nyalldawson.net/2016/08/how-to-effectively-get-things-changed-in-qgis/> if you need more details about how this project actually works, and how you can EFFECTIVELY influence development.

#24 - 2019-01-29 12:15 PM - Marc LE BIHAN

"Correct bugs yourself" (I asked at least two times the source file involved in authentication, in order to help, without response),

"Add unit tests yourself" : are you reading yourself ?

Since a lot of version, QGis is degrading at an incredible speed. Have you seen the number of issues opened each day ?

And you want others to add comment for you, debug for you, add tests for you, while you would continue to add code and code without adding test, commenting, ensuring correction ?

I disagree. It's not a matter of paying or not. It a matter of usable software in whom people trust. If you are in an open source project you are tied to do a work of quality. Here, today, it's far from being the case.

Being volunteer is not an excusing to allow the software degrading while only doing new features that developpers of course enjoy, and leave the bugs unfixed by a : "Correct them yourselves !"

#25 - 2019-01-29 12:56 PM - Jürgen Fischer

Marc LE BIHAN wrote:

Being volunteer is not an excusing to allow the software degrading while only doing new features that developpers of course enjoy, and leave the bugs unfixed by a : "Correct them yourselves !"

Of course it is - or better put it's an explanation - there's not even a need for an excuse. Get a clue. You can use the software as is and you are even free to change it to do what you want. You are not forced to use it (at least not by us). If you don't like it, find a better tool (good luck with that).

Rubbing people the wrong way won't get you anywhere.

Files

gel_connexion_wms_gis.png	118 KB	2019-01-07	Marc LE BIHAN
config_qgis.png	176 KB	2019-01-08	Marc LE BIHAN
qgis_2_18.png	132 KB	2019-01-09	Marc LE BIHAN