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Not asking for password and can't connect to psql #309

⊘ Closed   **MikaPower** opened this issue on Jan 25, 2021 · 13 comments

Assignees	🧑
Labels	bug

MikaPower commented on Jan 25, 2021

Hi. I followed this tutorial https://en.admininfo.info/c-mo-instalar-y-configurar-monitorix-en-ubuntu-18

After setting up everything I found that when I go the built-in server it never asks for a password even thought I set it.

I did change `enabled = y` and also created the password using `sudo htpasswd -d -c /var/lib/monitorix/htpasswd admin`

Then I tried setting up postgres by enabling the graph and changing the database name, user and password which lead to me having to install DBD::Pg module. After all this I check the logs and it shows:

`gsql::pgsql_update: Cannot connect to PostgreSQL 'localhost:5432'.`

`ERROR: while updating /var/lib/monitorix/pgsql.rrd: /var/lib/monitorix/pgsql.rrd: expected timestamp not found in data source from N`

Thanks
Nuno

👤 🧑 **mikaku** self-assigned this on Jan 26, 2021

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mikaku commented on Jan 26, 2021 • edited ▾   `Owner`

> Hi. I followed this tutorial https://en.admininfo.info/c-mo-instalar-y-configurar-monitorix-en-ubuntu-18
> After setting up everything I found that when I go the built-in server it never asks for a password even thought I set it.
> I did change enabled = y and also created the password using sudo htpasswd -d -c /var/lib/monitorix/htpasswd admin

This is because you forgot to specify which hosts/IPs will be forced to authenticate. By default none is (which looks like not much sense to me right now).

Starting from the 3.13.0 version there are two new options inside the `<auth>` subsection: `hosts_deny` and `hosts_allow` (documented here) which are empty by default, which means that even when authentication is enabled all hosts can pass through. This is intended to have a list of hostnames or IP address that don't need to authenticate because they are trusted.

So, just define the option `hosts_deny = all` and you'll force authentication to everybody.

I'll modify the main configuration file to include the option `hosts_deny = all` in order to keep the same behavior as it had before the introduction of this new feature in #274.

Sorry for the inconveniences.

> Then I tried setting up postgres by enabling the graph and changing the database name, user and password which lead to me having to install DBD::Pg module. After all this I check the logs and it shows:
> gsql::pgsql_update: Cannot connect to PostgreSQL 'localhost:5432'.
> ERROR: while updating /var/lib/monitorix/pgsql.rrd: /var/lib/monitorix/pgsql.rrd: expected timestamp not found in data source from N

Please, make sure your PostgreSQL is listening in the port 5432 at localhost.

MikaPower commented on Jan 26, 2021 • edited ▾   `Author`

> Please, make sure your PostgreSQL is listening in the port 5432 at localhost.

Pgsql is working fine on that port. I even created a script to test it

```
  #!/usr/bin/perl

 use DBI;

 my $dbh = DBI->connect('dbi:Pg:dbname=database;','user','pass',{AutoCommit$
 print "2+2=",$dbh->selectrow_array("SELECT 2+2"),"\n";
```

I can also access it on local machine and on the outside if I open port 5432

My pg_hba.conf:

```
 # IPv4 local connections:

 host    all          all          127.0.0.1/32        md5
 host    all          all          0.0.0.0/0           md5
 host    all          all          127.0.0.1/32        trust

 # IPv6 local connections:
 host    all          all          ::1/128             md5
```

Is there any place after monitorix log in which I can see more info on the error?
Thanks

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mikaku commented on Jan 26, 2021 • edited ▾   `Owner`

Can you, please, paste the `<pgsql>` section from your configuration file?

Also, the output of `netstat -lntp` or `ss -lntp`.
Thanks.

MikaPower commented on Jan 26, 2021 • edited ▾   `Author`

> So, just define the option `hosts_deny = all` and you'll force authentication to everybody.

Doing this didn't asks me for authentication, instead got an 403.

> Can you, please, paste the section from your configuration file?

```
<pgsql>
        list = localhost
        <desc>
                <localhost>
                        host = localhost
                        port = 5432
                        username = nuno
                        password = ......
                        db_list = extreme,
                </localhost>
        </desc>
        rigid = 0, 0, 0, 0, 0, 0
        limit = 100, 100, 100, 100, 100, 100
</pgsql>
```

> Also, the output of netstat -lntp or ss -lntp

```
Proto Recv-Q Send-Q Local Address           Foreign Address       State       PID/Program name
tcp        0      0 0.0.0.0:111             0.0.0.0:*             LISTEN      30662/rpcbind
tcp        0      0 0.0.0.0:8080            0.0.0.0:*             LISTEN      23558/monitorix-htt
tcp        0      0 0.0.0.0:80              0.0.0.0:*             LISTEN      915/nginx: master p
tcp        0      0 127.0.0.53:53           0.0.0.0:*             LISTEN      692/systemd-resolve
tcp        0      0 0.0.0.0:22              0.0.0.0:*             LISTEN      894/sshd
tcp        0      0 0.0.0.0:5432            0.0.0.0:*             LISTEN      14583/postgres
tcp        0      0 0.0.0.0:443             0.0.0.0:*             LISTEN      915/nginx: master p
tcp6       0      0 :::111                  :::*                 LISTEN      30662/rpcbind
tcp6       0      0 :::22                   :::*                 LISTEN      894/sshd
tcp6       0      0 :::5432                 :::*                 LISTEN      14583/postgres


State   Recv-Q  Send-Q    Local Address:Port    Peer Address:Port
LISTEN  0       128            0.0.0.0:111          0.0.0.0:*       users:(("rpcbind",pid=30662,fd=8))
LISTEN  0       128            0.0.0.0:8080         0.0.0.0:*       users:(("monitorix-httpd",pid=23601,fd=3))
LISTEN  0       128            0.0.0.0:80           0.0.0.0:*       users:(("nginx",pid=27257,fd=9),("nginx",pid=915,fd=9))
LISTEN  0       128      127.0.0.53%lo:53           0.0.0.0:*       users:(("systemd-resolve",pid=692,fd=13))
LISTEN  0       128            0.0.0.0:22           0.0.0.0:*       users:(("sshd",pid=894,fd=3))
LISTEN  0       128            0.0.0.0:5432         0.0.0.0:*       users:(("postgres",pid=14583,fd=7))
LISTEN  0       128            0.0.0.0:443          0.0.0.0:*       users:(("nginx",pid=27257,fd=8),("nginx",pid=915,fd=8))
LISTEN  0       128             [::]:111             [::]:*         users:(("rpcbind",pid=30662,fd=11))
LISTEN  0       128             [::]:22              [::]:*         users:(("sshd",pid=894,fd=4))
LISTEN  0       128             [::]:5432            [::]:*         users:(("postgres",pid=14583,fd=8))
```

I also tried giving a wrong password but it didn't give any extra info besides the error on my first post

---

mikaku commented on Jan 26, 2021   `Owner`

> Doing this didn't asked me authentication, instead got an 403.

You must declare that option inside the `<auth>` subsection. I've checked and it works.

> I also tried giving a wrong password but it didn't give any extra info besides the error on my first post

You might want to add the `-d pgsql` or even `-d all` argument when running Monitorix to get more debug information.

MikaPower commented on Jan 26, 2021   `Author`

> You must declare that option inside the subsection. I've checked and it works.

Ah men, my bad, sorry making you lose time on this one.

> You might want to add the -d pgsql or even -d all argument when running Monitorix to get more debug information.

Which command should I add this?
I start monitorix with `systemctl start monitorix`

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mikaku commented on Jan 26, 2021   `Owner`

> Which command should I add this?
> I start monitorix with systemctl start monitorix

Monitorix, as many other tools, have an environment file located in `/etc/sysconfig/monitorix` from which you can add extra command line options that will be passed when Monitorix is started.

You must configure it like this:

```
# Here you can specify your Monitorix command line options.
#
OPTIONS="-d pgsql"
```

MikaPower commented on Jan 26, 2021   `Author`

Still the same info as before. I'm checking the file /var/log/monotorix. Is this the right file?

mikaku commented on Jan 26, 2021 · Owner

> Still the same info as before. I'm checking the file /var/log/monotorix. Is this the right file?

You should get much more information in `/var/log/monitorix` .
What OS you have there? and how do you installed Monitorix?

MikaPower commented on Jan 26, 2021 · edited ▾ · Author

> You should get much more information in /var/log/monitorix

Looks the same as before

> What OS you have there? and how do you installed Monitorix?

Ubuntu 18.04, and I installed monitorix following the tutorial on my first post

I partially solved the problem. In the file pgsql.rm line 207
`"DBI:Pg:host=$host;port=$port",`
I added the database name:
`"dbi:Pg:dbname=extreme;host=$host;port=$port",`
The graphs are now working, I didn't check where you iterate the databases list on the pgsql conf options but I will do it now and see if I can help a little more.

mikaku commented on Jan 26, 2021 · Owner

> I added the database name:

The PostgreSQL module was added in this 3.13.0 version, perhaps it needs some fixings, but it worked finely here.
You shouldn't have to add the database name in there because Monitorix first takes the global parameters and then the specific database parameters.

I think that the user you configured only have permission for the `extreme` database and not for the global configuration.

Hmm, I see an extra comma at the end of your database name in the option `db_list` .

                    db_list = extreme,

This should be harmless, but it's better to not be there.

MikaPower commented on Jan 26, 2021 · Author

You are indeed correct. On the pgsql config file I used the database owner and not the postgres user.
After using postgres user everything works fine.
I would like to thank you for your time and work.
Have a nice day.

🟣 **MikaPower** closed this as completed on Jan 26, 2021

⟗ **mikaku** added a commit that referenced this issue on Jan 27, 2021

  🔴 `fixed in HTTP server built-in configuration to force Basic Authentica…` …   18a6be9

⟗ **mikaku** added a commit that referenced this issue on Jan 27, 2021

  🔴 `fixed a security bug introduced in 3.13.0 version that lead the HTTP …` …   d6816e2

🏷 **mikaku** added the `bug` label on Jan 27, 2021

mikaku commented on Jan 27, 2021 · Owner

Many thanks for reporting that issue.

⟗ **mikaku** added a commit that referenced this issue on Jan 27, 2021

  🔴 `updated documentation to reflect the behavior of the 'hosts_deny' opt…` …   17aec75

Assignees
🔴 mikaku

Labels
bug

Projects
None yet

Milestone
No milestone

Development

No branches or pull requests

2 participants