

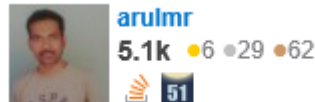


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Ubuntu: Install PostgreSQL and pgAdmin

3 years ago by Arulmurugan Rajaraman
 ubuntu . postgresql . pgadmin

Installing PostgreSQL on Ubuntu was always a problem for me when I started using PostgreSQL. The problem was in setting up the root user credentials. I have tried lot of commands with no success. After so many tries I found which is correct command to use. I'm documenting the steps here which will help some newbies trying to install PostgreSQL on Ubuntu.

Versions Used

- PostgreSQL - 9.3.5
- pgAdmin III - 1.18.1

- Ubuntu - 14.04

Step 1: Install PostgreSQL

You can install PostgreSQL 9.3 using the command

```
sudo apt-get install postgresql-9.3
```

Step 2: Set root user credentials

Login to PostgreSQL shell using the command

```
sudo -u postgres psql
```

Then set root user credentials using the command

```
ALTER USER postgres PASSWORD 'newpassword';
```

You can now exit the PostgreSQL shell using the command
`quit.`

Henceforth you can login to the PostgreSQL shell using the command

```
psql -U postgres -h localhost
```

and the password you set in the previous step using the login password.

Step 3: Install pgAdmin (optional)

Installing pgAdmin is optional and you can ignore this step, if you don't need pgAdmin. To install pgAdmin, use the command

```
sudo apt-get install pgadmin3
```

Now we have installed PostgreSQL and pgAdmin successfully. Feel free to post your comments.

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psql -U postgres -h localhost and my changed password I am able to login. But with the same password to install pgadmin3, I am not able to

^ | v • Reply • Share >



sonu ➔ Smitha Srinivasan Kaipa • 2 months ago

when you install you should give your admin password you must not use pg password

^ | v • Reply • Share >



singham • 4 months ago

thanks man

^ | v • Reply • Share >



Rafael Nascimento • 5 months ago

thank you!

^ | v • Reply • Share >



Santanu Das • 7 months ago



While installing following occurs, please help.

You might want to run 'apt-get -f install' to correct these:

The following packages have unmet dependencies:

mysql-workbench-community : Depends: libctemplate0 but it is not installable

Depends: libmysqlclient18 (>= 5.5.13-1) but it is not going to be installed

Depends: libpcrecpp0 (>= 7.7) but it is not going to be installed

Depends: libtinyxml2.6.2 but it is not going to be installed

Depends: libzip2 (>= 0.10) but it is not going to be installed

Depends: python-paramiko but it is not going to be installed

Depends: python-pysqlite2 but it is not going to be installed

pgadmin3 : Depends: pgadmin3-data (= 1.18.1-2) but it is not going to be installed

Depends: libwxbase2.8-0 (>= 2.8.12.1+dfsg) but it is not going to be installed

Depends: libwxgtk2.8-0 (>= 2.8.12.1+dfsg) but it is not going to be installed

Recommends: pgagent but it is not going to be installed

E: Unmet dependencies. Try 'apt-get -f install' with no packages (or specify a solution).

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Priyanka Das Rajkakoti • 8 months ago

To exit it's \q

2 ^ | v • Reply • Share ›



Lamtiroima Hutahaeen • 8 months ago

Nice info, thanks for your post!

^ | v • Reply • Share ›



Jasmin BANSARD • 8 months ago

Hello,

I can't install PGadmin3 for Ubuntu 16.04, I have this message:

```
ubuntu@ubuntu:~$ sudo apt-get install pgadmin3
```

```
Reading package lists... Done
```

```
Building dependency tree
```

```
Reading state information... Done
```

```
E: Unable to locate package pgadmin3
```

Is someone can help me?

^ | v • Reply • Share ›



Cuong Vo • a year ago



[Solved] Sorry, you can delete this post as I have solved this issue. the DNS network cannot connect to the server.

Hello,

Thanks for your detailed instruction.

I encountered this error when install pgAdminIII (please see the code), the terminal runs as if it is installing, but the result tells me an error occurred. My apology for the question because I am quite new to Ubuntu/Debian.

I would appreciate for the prompt reply!

[code]

```
odoo@ubuntu:~$ sudo apt-get install pgadmin3
```

```
Reading package lists... Done
```

```
Building dependency tree
```

```
Reading state information... Done
```

```
The following additional packages will be installed:
```

[see more](#)

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Arulmurugan Rajaraman Mod ➔ Cuong Vo • a year ago

Good to hear that you were able to resolve the issue. Let this comment be here. Might help someone in the future.

^ | v • Reply • Share >



charmi • a year ago

Thank you so much it was really very helpful.

^ | v • Reply • Share >



Lisa • a year ago

Thanks for the instructions

I have created some tables in postgres and I want to view them in pgadmin3. Does anyone know how I link my new user with pgadmin3?

I created a new user using:

```
$ createuser --interactive
```

```
$sudo -u lisam postgres <<--- allows me to login and create tables as lisam=#
```

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Jamil • a year ago

Thanks, dude!

^ | v • Reply • Share >

**dev** • a year ago

Thank you so much sir

1 ^ | v • Reply • Share ›

**Joshua Williams** • a year ago

Thanks so much for writing, very useful!

^ | v • Reply • Share ›

**Arulmurugan Rajaraman** Mod ➔ Joshua Williams • a year ago

Glad this post is helpful.

^ | v • Reply • Share ›

**Jacob Bolea Moreno** • 2 years ago

Thank you! It was very helpful!!! But for exit from the administration area I use the comand \q and not the quit.

1 ^ | v • Reply • Share ›

**Arulmurugan Rajaraman** Mod ➔ Jacob Bolea Moreno • 2 years ago

That also can be used. We can use Ctrl+D keyboard shortcut as well to quit.

^ | v • Reply • Share ›

**BigWinston** • 2 years ago

Very useful. Thanks!

^ | v • Reply • Share ›

**Sina** • 2 years ago

Hi, when I write the "sudo apt-get install pgadmin3" on Ubuntu, I receive this error:

"The following packages have unmet dependencies:

pgadmin3:i386 : Depends: pgadmin3-data:i386 (= 1.18.1-2) but it is not installable

Depends: libpq5:i386 (>= 8.4~) but it is not going to be installed

Recommends: pgagent:i386 but it is not going to be installed

Recommends: postgresql-client:i386

"

^ | v • Reply • Share ›

**Arulmurugan Rajaraman** Mod ➔ Sina • 2 years ago



I didn't face any such issues. Not sure about this error. Try googling.