

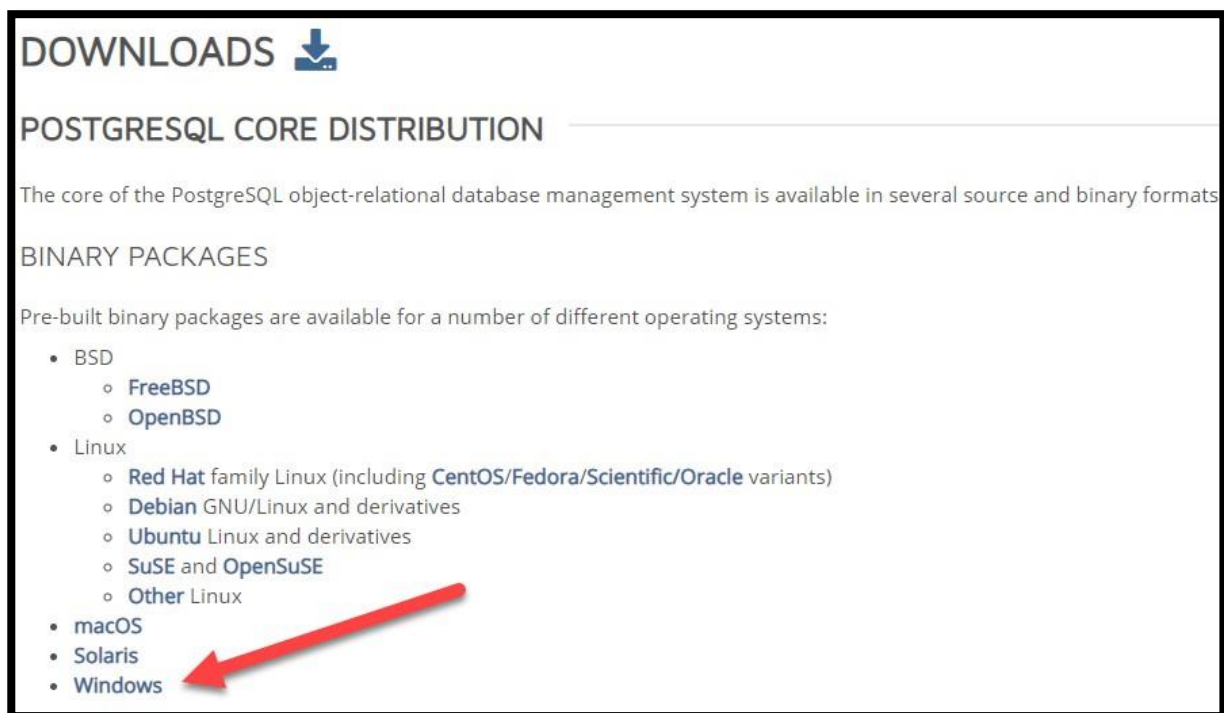
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Installation of PostgreSQL on Windows 11

- Following is a step by step process on How to Install PostgreSQL on Windows Machine:

Step 1) Open your browser.

Go to <https://www.postgresql.org/download> and select Windows



Step 2) Check options.

You are given two options 1) Interactive Installer by EnterpriseDB and 2) Graphical Installer by BigSQL.

BigSQL currently installs pgAdmin version 3 which is deprecated. It's best to choose EnterpriseDB which installs the latest version 4

WINDOWS INSTALLERS

INTERACTIVE INSTALLER BY ENTERPRISEDB

Download the installer

certified by EnterpriseDB for all supported PostgreSQL versions.

This installer includes the PostgreSQL server, pgAdmin; a graphical tool for managing and developing your databases, and StackBuilder; a package manager used to download and install additional PostgreSQL tools and drivers. Stackbuilder includes management, integration, migration, replication, geospatial, and other tools.

This installer can run in graphical or silent install mode.

The installer is designed to be a straightforward, fast way to get up and running with PostgreSQL on Windows.

Advanced users can also download a [zip archive](#) of the binaries, without the installer. This download is intended for users who wish to include PostgreSQL in another application installer.

PLATFORM SUPPORT

The installers are tested by EnterpriseDB on the following platforms. They can generally be expected to run on other comparable versions:

PostgreSQL Version	64 Bit Windows Platforms	32 Bit Windows Platforms
10	2016, 2012 R2 & R1, 2008 R2, 7, 8, 10	2008 R1, 7, 8, 10

Step 3) Select PostgreSQL version.

1. You will be prompted to desired PostgreSQL version and operating system. Select the latest PostgreSQL version and OS as per your environment
2. Click the Download Button

PostgreSQL Download

1

PostgreSQL 10.4

Windows x86-64

DOWNLOAD NOW

2

Please note: Cookies should be enabled for the download process to function properly

[Supported Platforms](#)

Download will begin

Thank you for downloading PostgreSQL!

We appreciate you choosing EDB as your source for PostgreSQL. Your download will begin in a moment.

PostgreSQL Resources

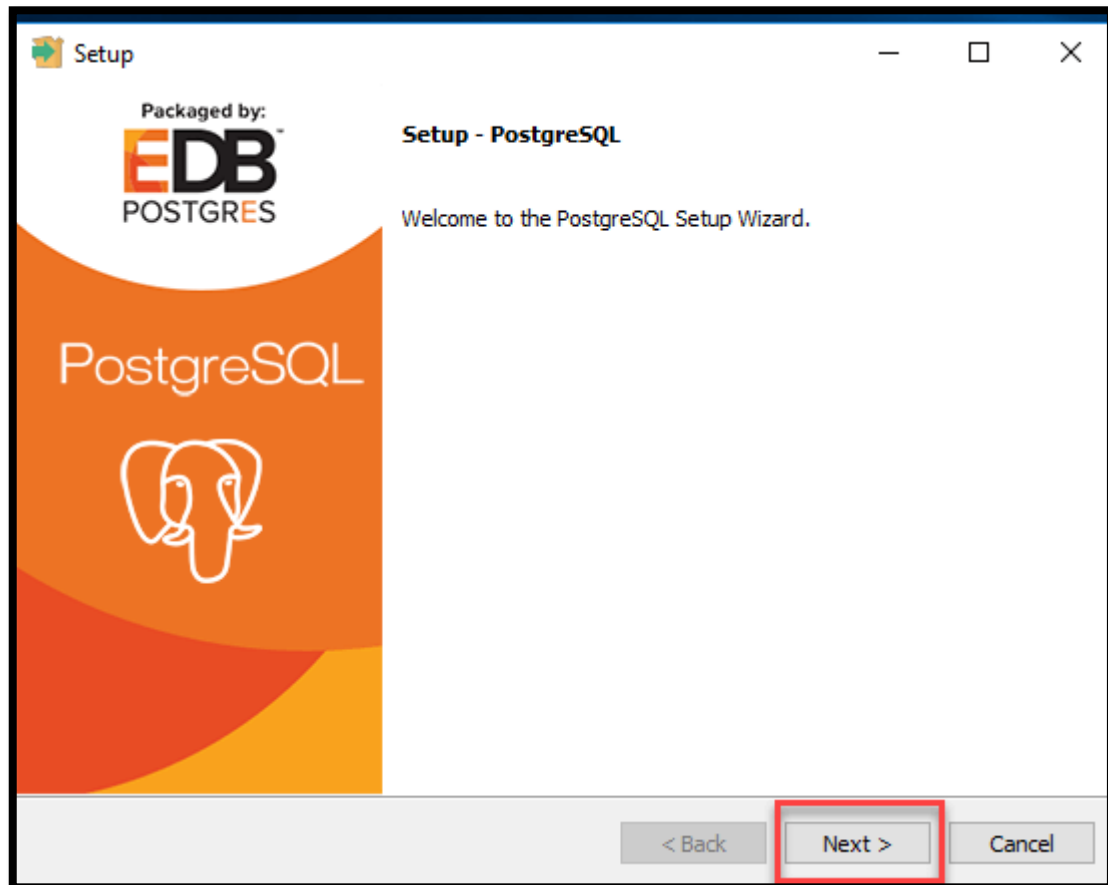
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Your free, step-by-step guide to moving Oracle workloads to the cloud.

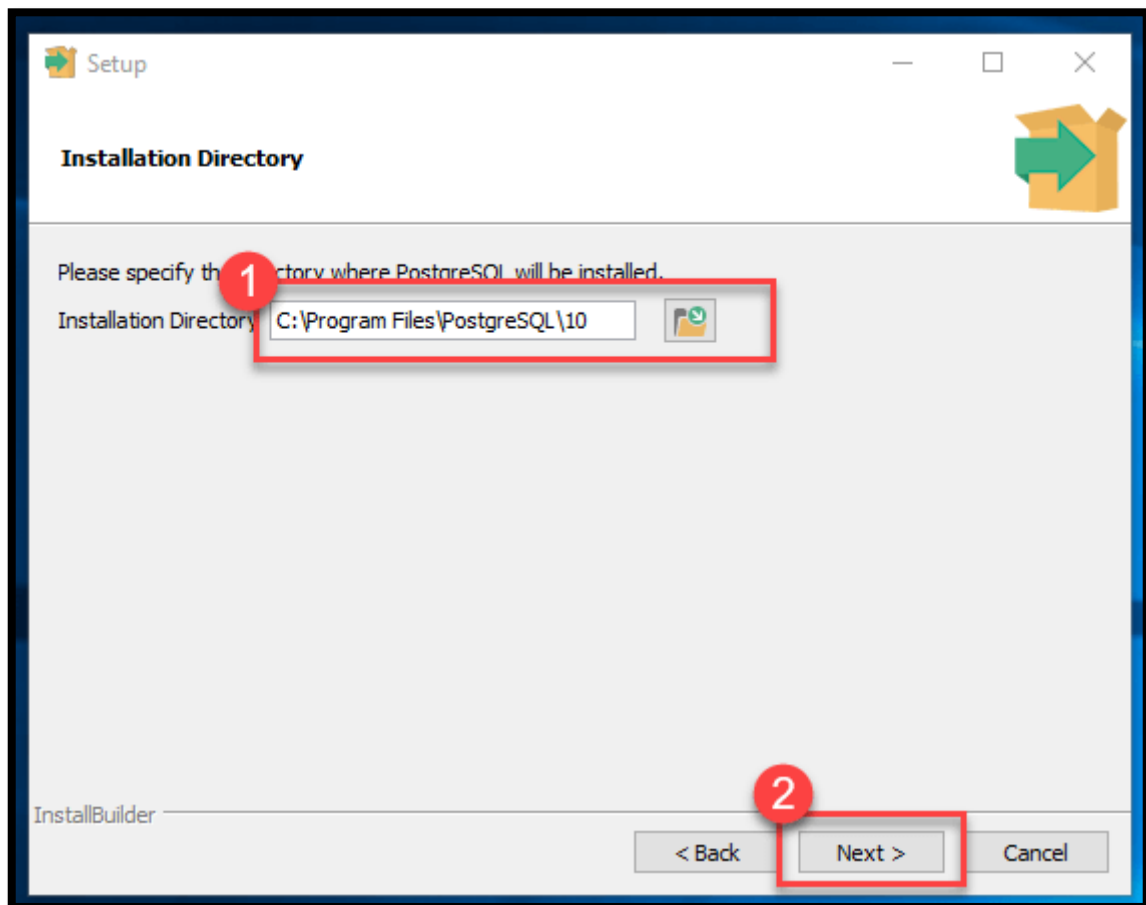
Step 4) Open exe file.

Once you Download PostgreSQL, open the downloaded exe and Click next on the install welcome screen.



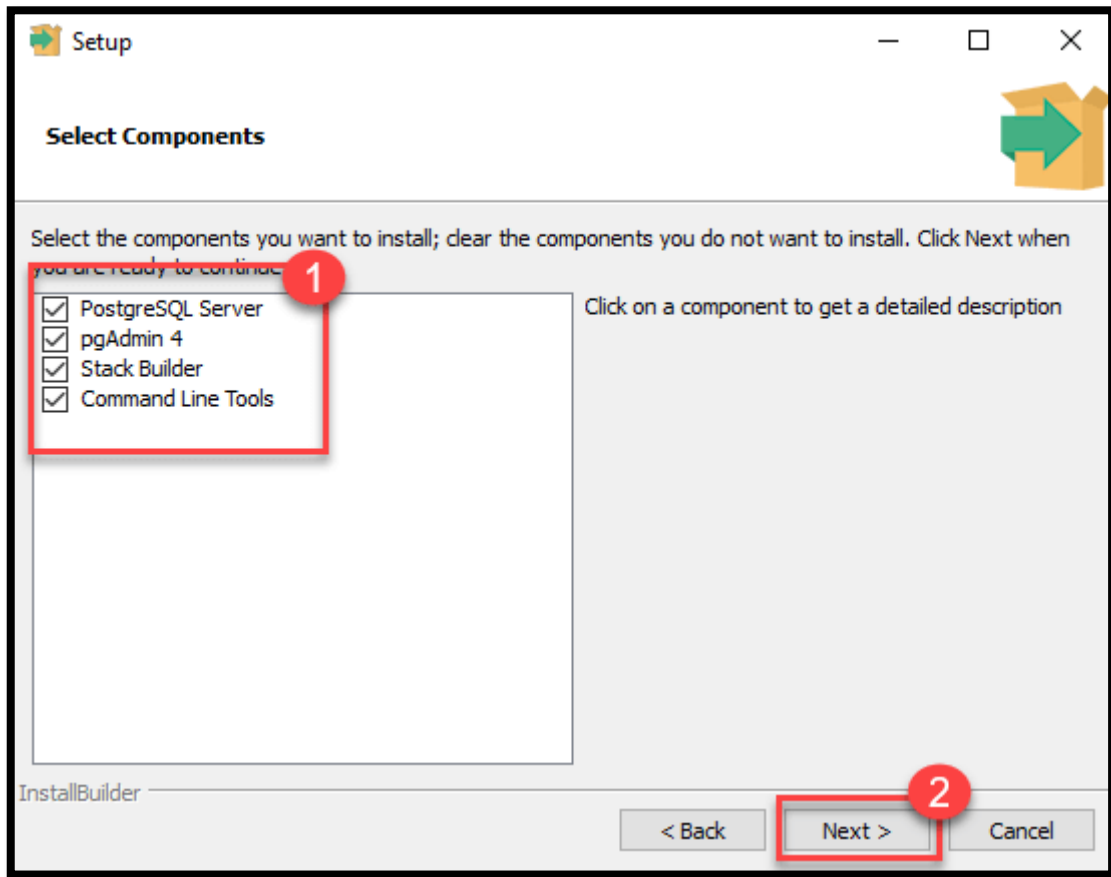
Step 5) Update location.

1. Change the Installation directory if required, else leave it to default
2. Click Next



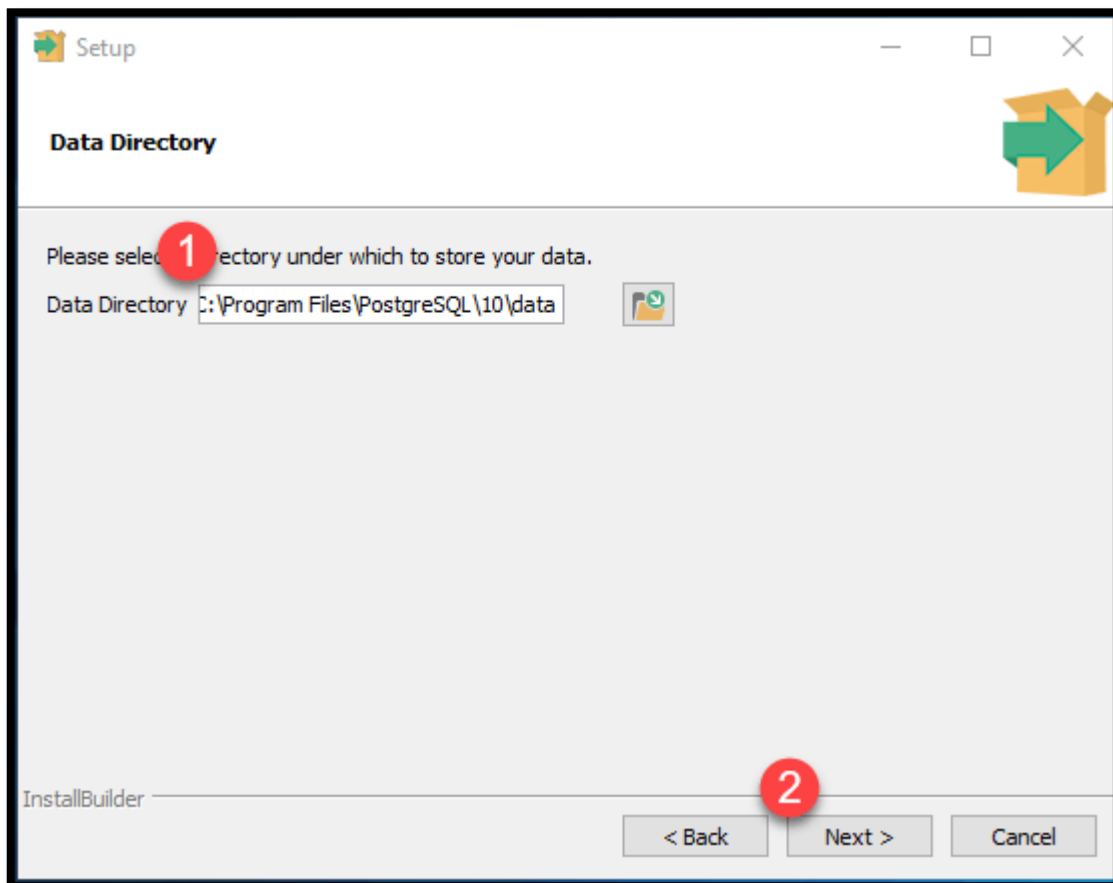
Step 6) Select components.

1. You may choose the components you want to install in your system. You may uncheck Stack Builder
2. Click Next



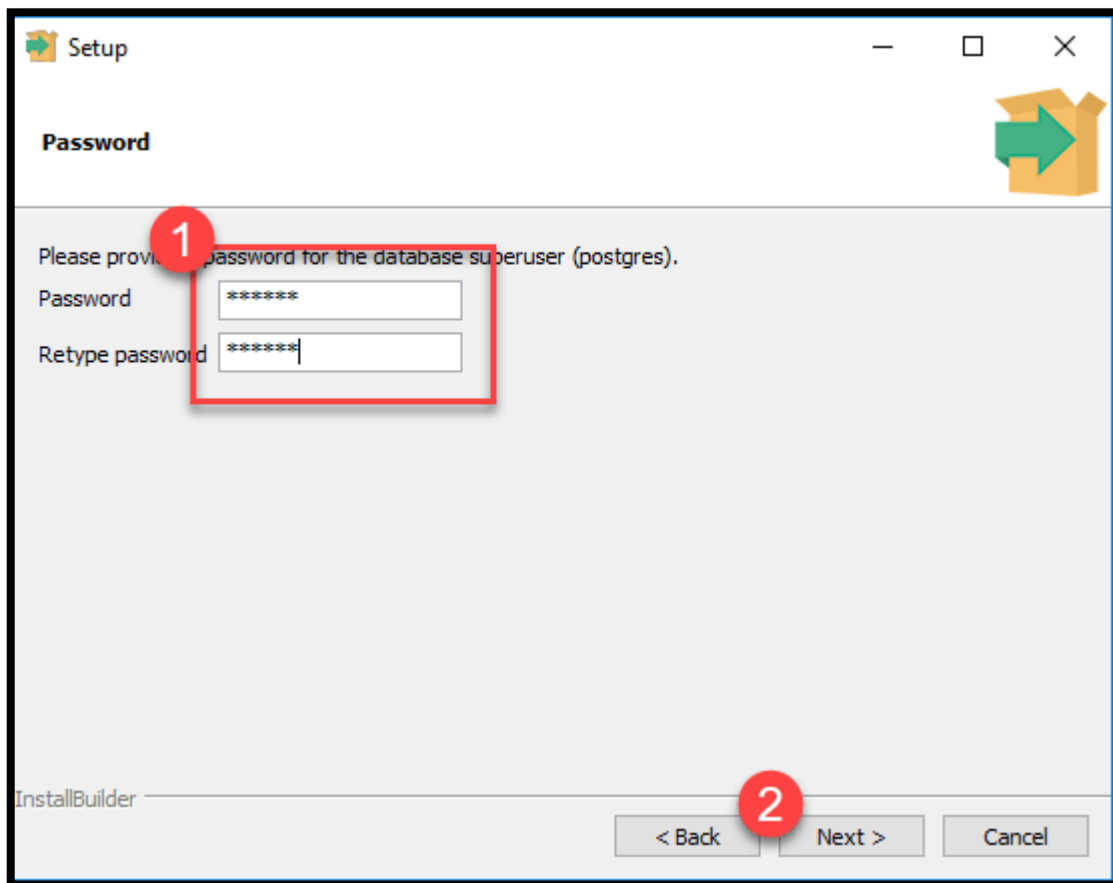
Step 7) Check data location.

1. You may change the data location
2. Click Next



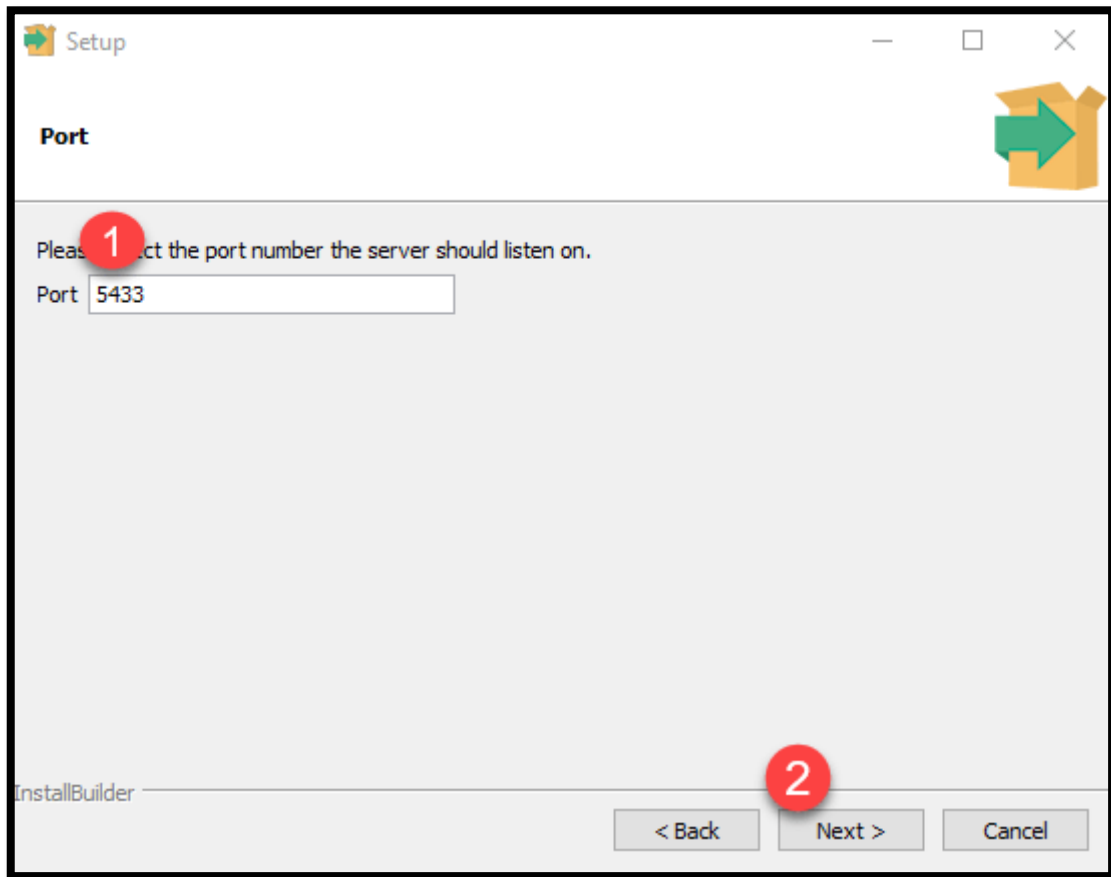
Step 8) Enter password.

1. Enter super user password. Make a note of it
2. Click Next



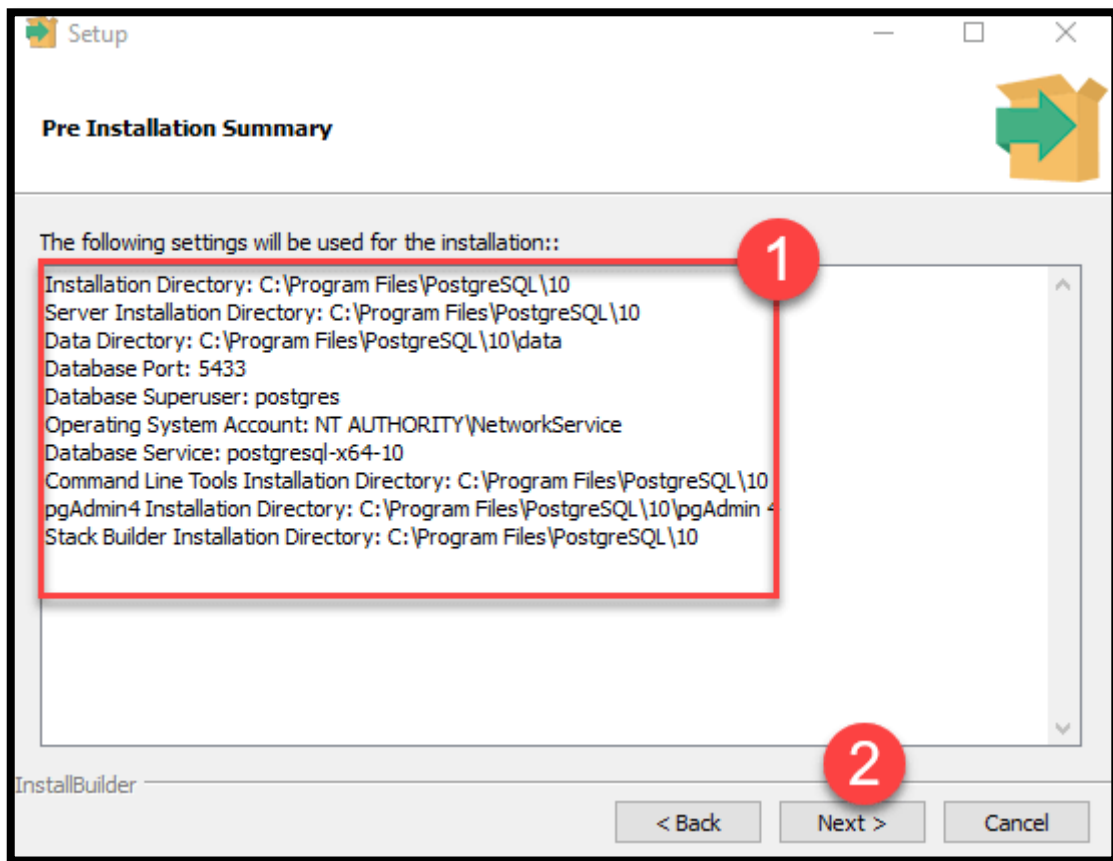
Step 9) Check port option.

1. Leave the port number default
2. Click Next

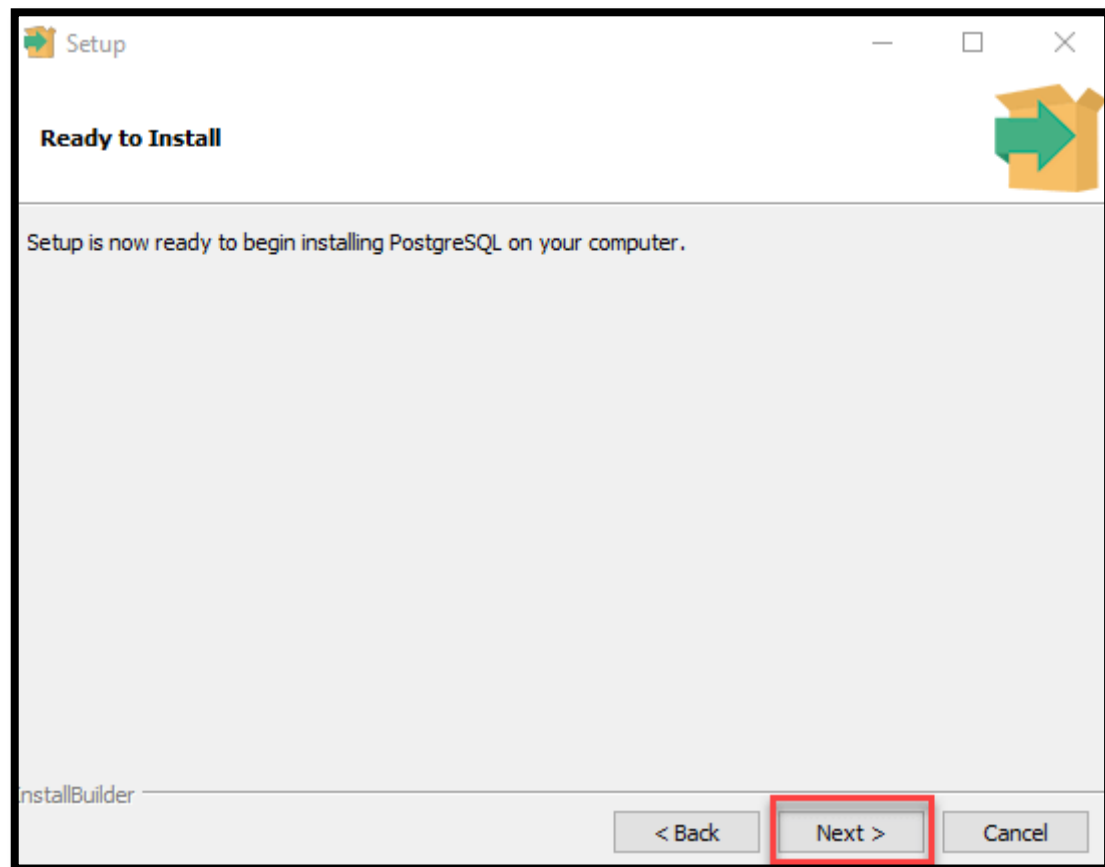


Step 10) Check summary.

1. Check the pre-installation summary:
2. Click Next



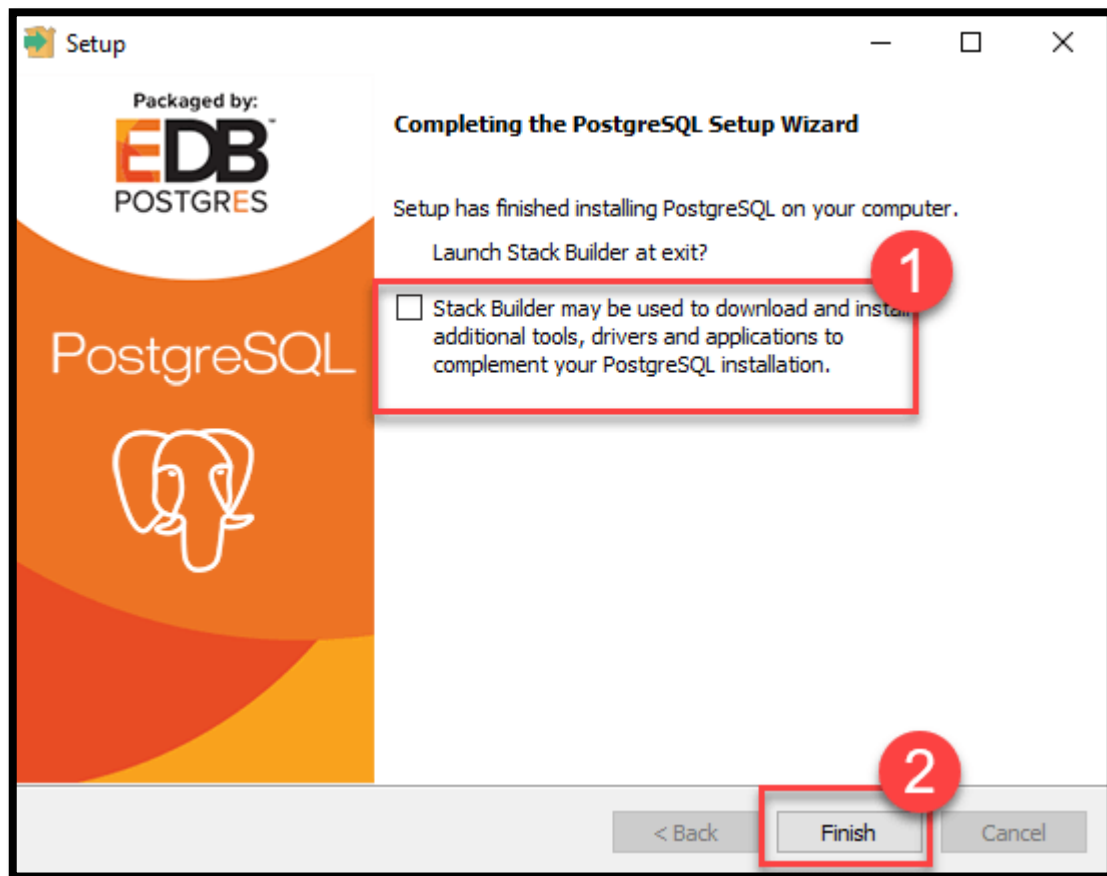
Step 11) Ready to install.
Click the next button.



Step 12) Check stack builder prompt.

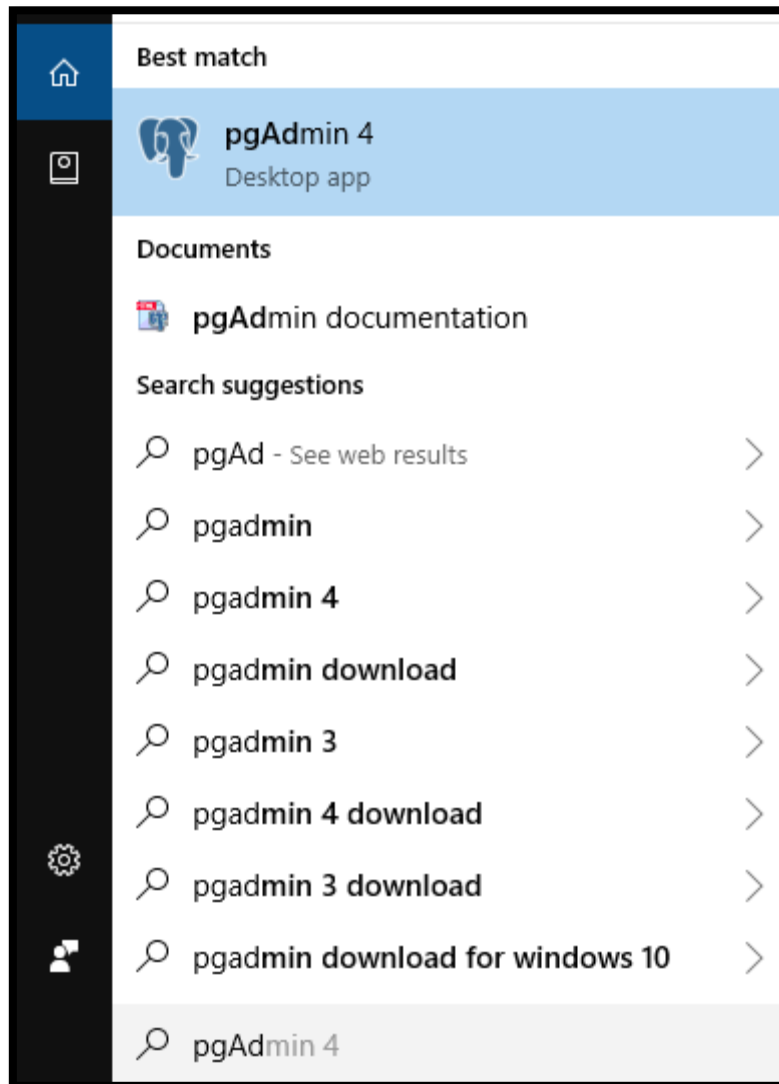
Once install is complete you will see the Stack Builder prompt

1. Uncheck that option. We will use Stack Builder in more advanced tutorials
2. Click Finish

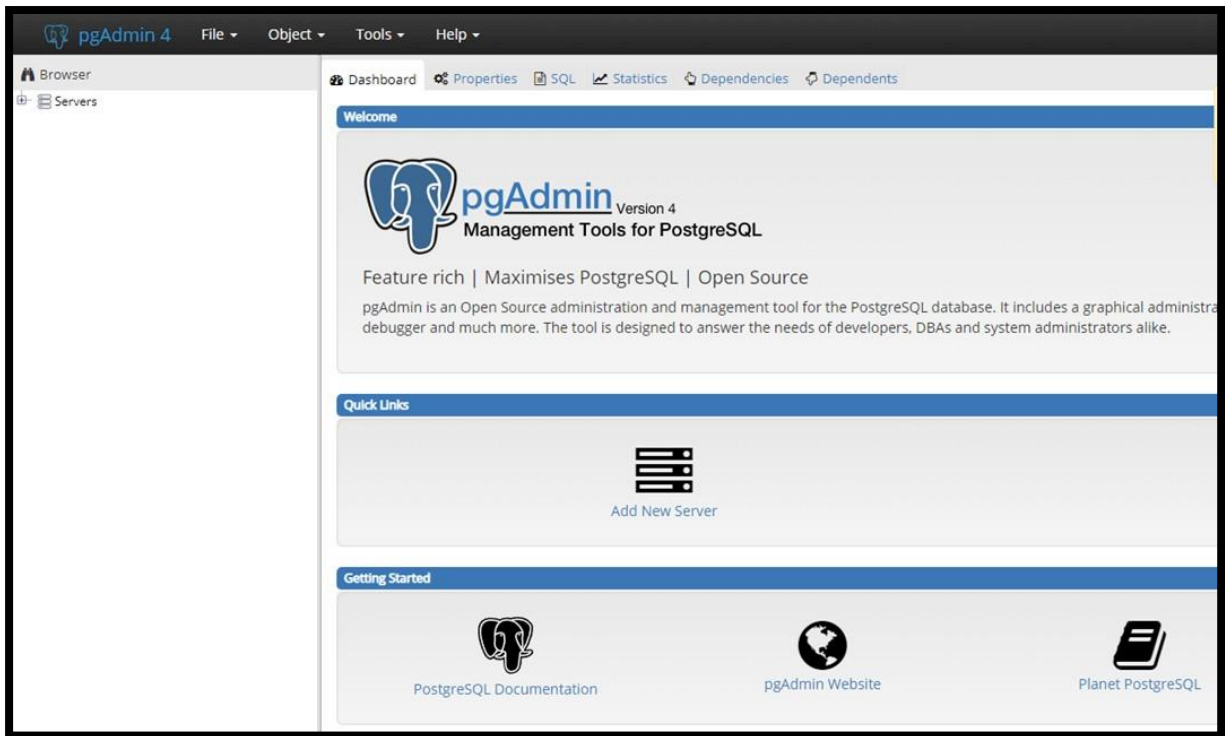


Step 13) Launch PostgreSQL.

To launch PostgreSQL go to Start Menu and search pgAdmin 4

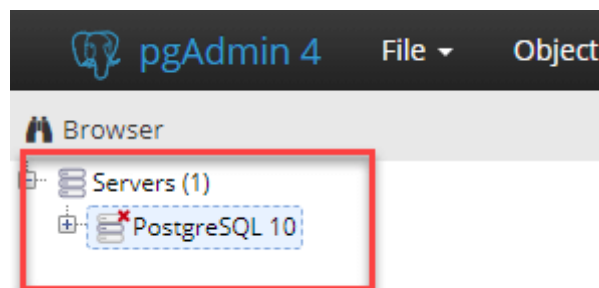


Step 14) Check pgAdmin.
You will see pgAdmin homepage.



Step 15) Find PostgreSQL 10.

Click on Servers > PostgreSQL 10 in the left tree



Step 16) Enter password.

1. Enter super user password set during installation
2. Click OK

Connect to Server

Please enter the password for the user 'postgres' to connect the server - "PostgreSQL 10"

1

Password

☒ Save Password

2

OK

Cancel

Step 17) Check Dashboard.
You will see the Dashboard

The screenshot displays the pgAdmin 4 Dashboard for a PostgreSQL 10 server. The interface includes a left-hand browser pane showing the server hierarchy (Servers, Databases, Login/Group Roles, Tablespaces). The main dashboard area contains several charts and a table:

- Server sessions:** A line chart showing Active, Idle, and Total sessions over time.
- Transactions per second:** A line chart showing Commits, Rollbacks, and Transactions over time.
- Tuples in:** A line chart showing Inserts, Updates, and Deletes over time.
- Tuples out:** A line chart showing Fetched and Returned tuples over time.
- Block I/O:** A line chart showing Reads and Hits over time.
- Server activity:** A table showing active sessions with columns for PID, Database, User, Application, Client, Backend start, State, Wait Event, and Blocking PIDs.

	PID	Database	User	Application	Client	Backend start	State	Wait Event	Blocking PIDs
5756						2018-08-01 12:32:28 IST	active	Activity: AutoVacuumMain	
6912						2018-08-01 12:32:28 IST	active	Activity: BgWriterMain	
9400			postgres			2018-08-01 12:32:28 IST	active	Activity: LogicalLauncherMain	
12100	postgres	postgres	pgAdmin 4 - DB:postgres		localhost	2018-08-01 12:40:16 IST	active		
14752						2018-08-01 12:32:28 IST	active	Activity: WalWriterMain	

That's it to PostgreSQL installation.

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