Installation Sheet for RDBMS - PostgreSQL
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1 The procedure to install PostgreSQL on Ubuntu Linux and Windows 7 OS

1. To follow the installation procedure, you need to be connected to the internet.

2. Locate the tutorial **Installation of PostgreSQL**.

3. This tutorial explains how to install **PostgreSQL** on **Ubuntu Linux OS** and **Windows OS** .

4. At 1:16 the tutorial demonstrates how to install **PostgreSQL** on **Ubuntu Linux OS**.

5. At 7:17 the tutorial gives instruction on how to install **PgAdmin** on **Ubuntu Linux OS**.

6. To install **PostgreSQL** on Windows 7, go to the website **http://www.postgresql.org/download/**.

7. Click on **Windows** link and then **Download the graphical Installer** link and download the zip fle.

8. Follow the instruction from 9:30 and proceed to do the installation on windows 7.

9. While practising the tutorials, you may find differences in the website layout or interface due to the version change.

10. To practise using the **side-by-side method**, adjust the size of the web browser containing the video to the left half of your screen. On the right half open and fit the **PgAdmin** interface.

2 The procedure to install PostgreSQL on Windows 8, 10 OS

1. To follow the installation procedure, you need to be connected to the internet.

2. To install **PostgreSQL** on Windows 10, go to the website **https://www.postgresql.org/download/**

3. Click on **Windows** tab. In the windows installer page, click on **Download the installer** link on the top of the page.

4. Select the **Version 9.6.2** and click on the **Download** button under the column **Windows x86-64**

5. **postgresql-9.6.21-2-windows-x64.exe** file will gets downloaded in the **Downloads** folder.

6. Double click on the exe file.

7. **User Account control** pop up window appears. Click 'yes' to make changes to your device.

8. Microsoft Visual C++ installation will happen automatically.

9. **Setup** wizard will open. Click on the **Next** button at the bottom.

10. In the **Installation directory** window, click on the **Next** button

11. In the **Data directory** window, click on the **Next** button

12. In the **password** window, enter the password as 'postgres' and again retype the password. Or Remember your own password for future use.

13. In the next window, Keep the default port as 5432.

14. In the **Advanced option** window, keep the **default locale** as it is. Click on the **Next** button.

15. Click on the **Next** button to start the installation process. Wait until installation completes.

16. Click on the **Finish** button. Make sure the check box of **Stack builder** is checked

17. In the **Stack builder** window, click the drop down box and select **PostgreSQL9.6 on port 5432**. click on the **Next** button.

18. Click on **Cancel** button as we don't want to install any other application.

19. Click yes to close the stack builder wizard.

20. Click on windows **Start** button, and check for **postgresql 9.6**. Click on it and select **pgAdmin4**.

21. **pgAdmin4** interface opens.

22. Click on the **server** node in the left panel. It will ask for the password. Enter the password 'postgres'which you entered while installing. This will connect to the server.

23. While practising the tutorials, you may find differences in the interface due to the version change.

24. To practise using the **side-by-side method**, adjust the size of the web browser containing the video to the left half of your screen. On the right half open and fit the **PgAdmin** interface.

3 The procedure to check PostgreSQL installation on Ubuntu Linux and Windows OS

1. Open the terminal in Linux or command prompt in Windows.

2. In the terminal, Type **psql -U postgres -h localhost -W** and press Enter.

3. Enter the password for postgres user.

4. The prompt changes to **postgres=#**

5. Type **select version();**

6. The PostgreSQL version that we have installed is displayed on the terminal.