



Εισαγωγή στις Βάσεις Δεδομένων

Δρ. Ακουμιανάκης Δημοσθένης



PostgreSQL

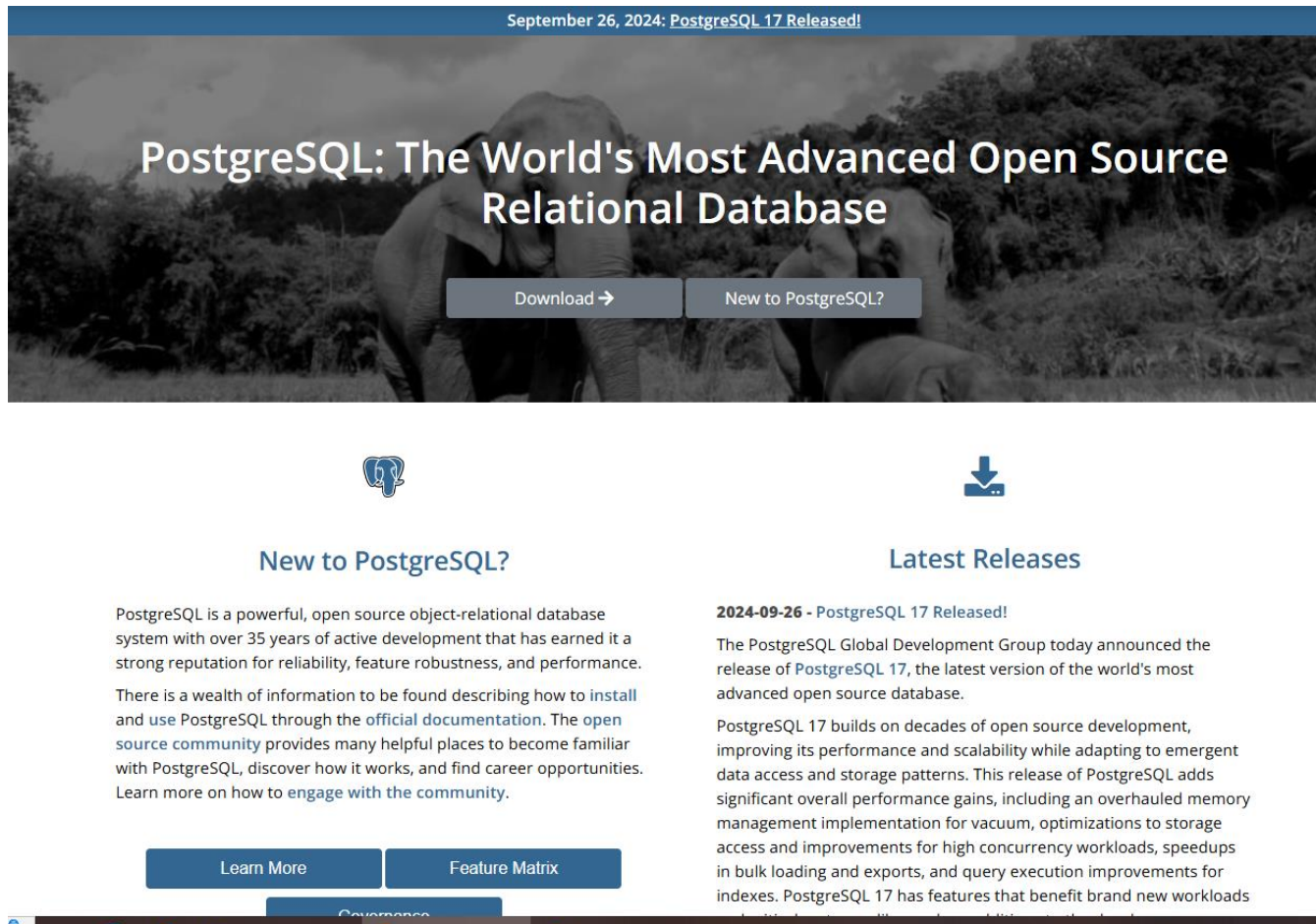
Οδηγός εγκατάστασης PostgreSQL

❖ Περιγράφονται

- Επίσημος ιστότοπος
- Βήματα της εγκατάστασης
- Επιλογές και setup
- Αποτέλεσμα επιτυχούς εγκατάστασης στο Η/Υ σας

postgresql.org

❖ Ο επίσημος ιστότοπος



Downloads

❖ Επιλογή κατάλληλου λειτουργικού συστήματος

September 26, 2024: [PostgreSQL 17 Released!](#)

Downloads

PostgreSQL Downloads

PostgreSQL is available for download as ready-to-use packages or installers for various platforms, as well as a source code archive if you want to build it yourself.

Packages and Installers

Select your operating system family:



Source code

The source code can be found in the main [file browser](#) or you can access the source control repository directly at git.postgresql.org. Instructions for building from source can be found in the [documentation](#).

Beta/RC Releases and development snapshots (unstable)

There are source code and binary [packages](#) of beta and release candidates, and of the current development code available for testing and evaluation of new features. Note that these builds should be used **for testing purposes only**, and not for production systems.

3rd party distributions

Ready to run stacks

'LAPP', 'MAPP' and 'WAPP' (Linux/Mac/Windows + Apache + PHP + PostgreSQL) stacks are available from [BitNami](#).

Additional Software

Installer

❖ Προτείνεται να 'κατεβάστε' τον installer

September 26, 2024: PostgreSQL 17 Released!

Windows installers

Interactive installer by EDB

Download the installer certified by EDB for all supported PostgreSQL versions.

Note! This installer is hosted by EDB and not on the PostgreSQL community servers. If you have issues with the website it's hosted on, please contact webmaster@enterprisedb.com.

This installer includes:

- The PostgreSQL server
- pgAdmin, a graphical tool for managing and developing your databases
- StackBuilder, a package manager for downloading and installing additional PostgreSQL tools and drivers. Stackbuilder includes management, integration, migration, replication, geospatial, connectors and other tools.

This installer can run in graphical or silent install modes.

The Windows installer is designed to be a straightforward, fast way to get up and running with PostgreSQL. In the unlikely event that you have issues with the installer, please report them on the [installer Github page](#). Issues with the installed packages should be reported to the appropriate project directly.

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 as part of another application installer.

Platform support

The installers are tested by EDB on the following platforms. They can generally be expected to run on other comparable versions, for example, desktop releases of Windows:

PostgreSQL Version	64 Bit Windows Platforms	32 Bit Windows Platforms
16	2022, 2019	
15	2019, 2016	
14	2019, 2016	
13	2019, 2016	
12	2019, 2016, 2012 R2	
11	2019, 2016, 2012 R2	

Διαλέξτε κατάλληλη έκδοση

❖ Προτείνεται να επιλέξετε την τελευταία

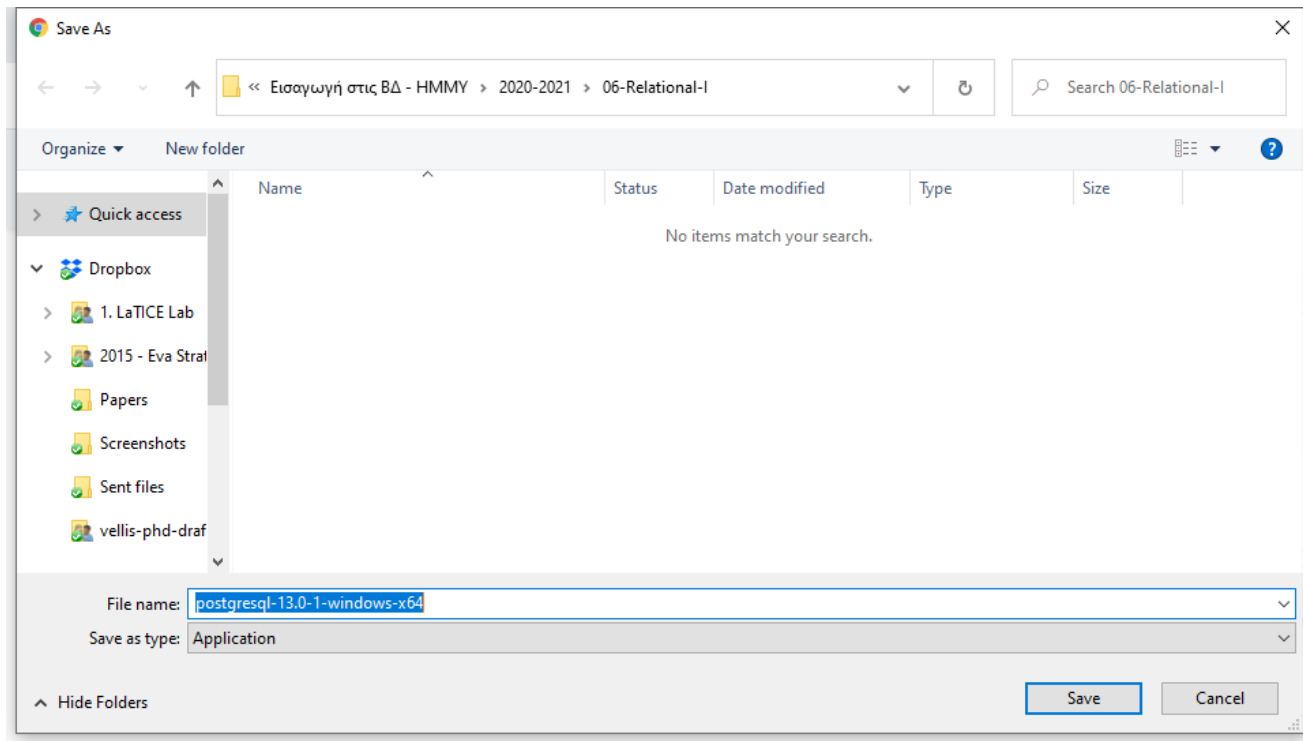
Download PostgreSQL

Open source PostgreSQL packages and installers from EDB

PostgreSQL Version	Linux x86-64	Linux x86-32	Mac OS X	Windows x86-64	Windows x86-32
17.0	postgresql.org	postgresql.org			Not supported
16.4	postgresql.org	postgresql.org			Not supported
15.8	postgresql.org	postgresql.org			Not supported
14.13	postgresql.org	postgresql.org			Not supported
13.16	postgresql.org	postgresql.org			Not supported
12.20	postgresql.org	postgresql.org			Not supported
11.22	postgresql.org	postgresql.org			Not supported
10.23					
9.6.24*					
9.5.25*					

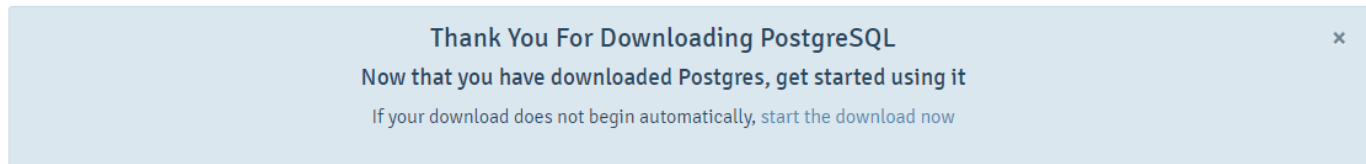
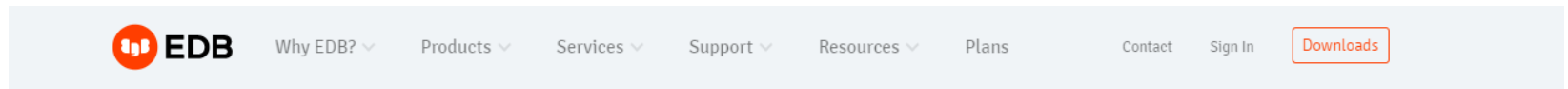
Διαλέξτε κατάλογο αποθήκευσης

❖ Εκτέλεση του αρχείου (όταν ολοκληρωθεί το download)



Ολοκλήρωση

❖ Μήνυμα που θα πρέπει να εμφανιστεί



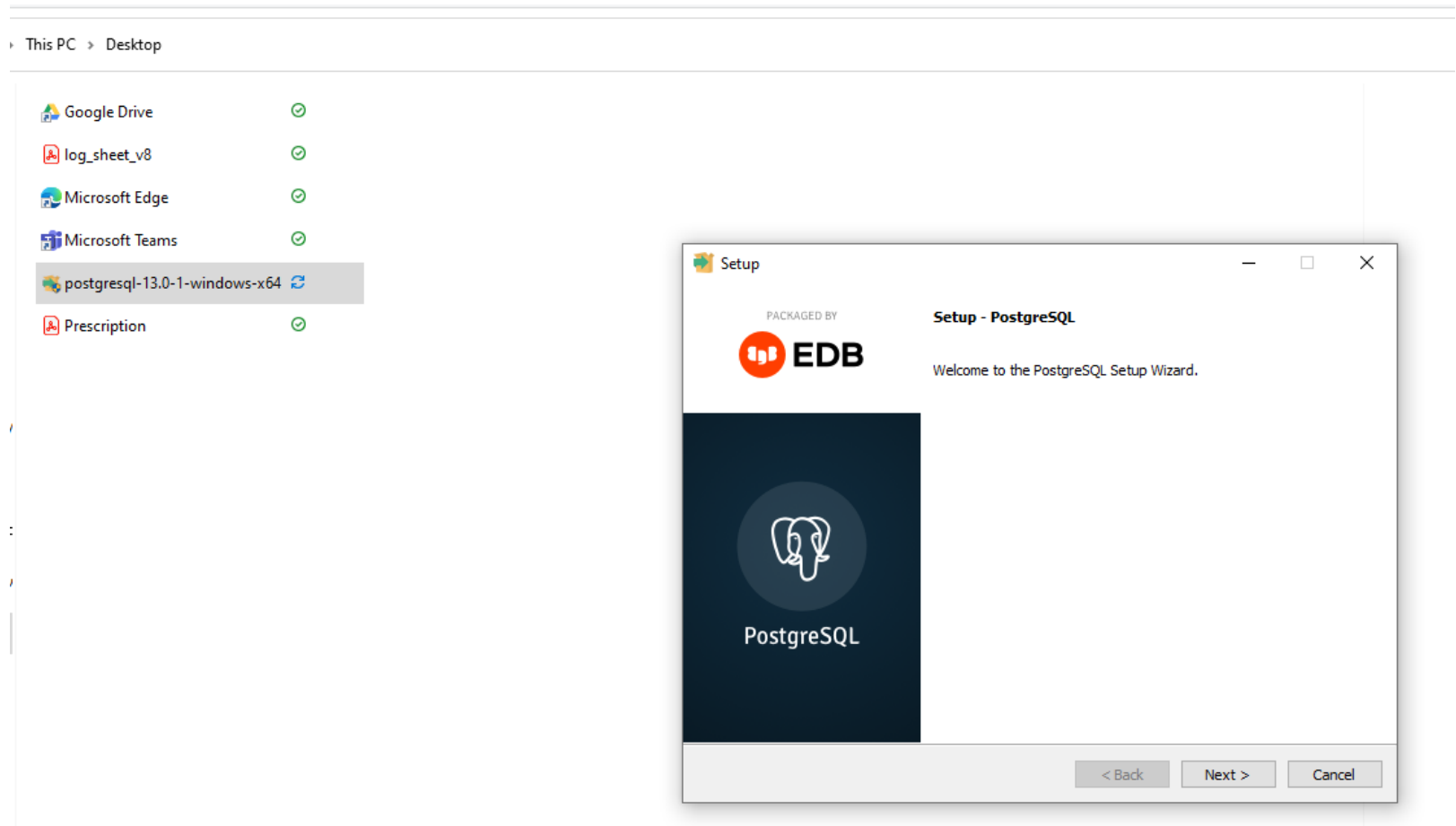
PostgreSQL Tutorials, Resources and Training

For Developers, DBAs, DevOps and IT Managers

Helpful Resources

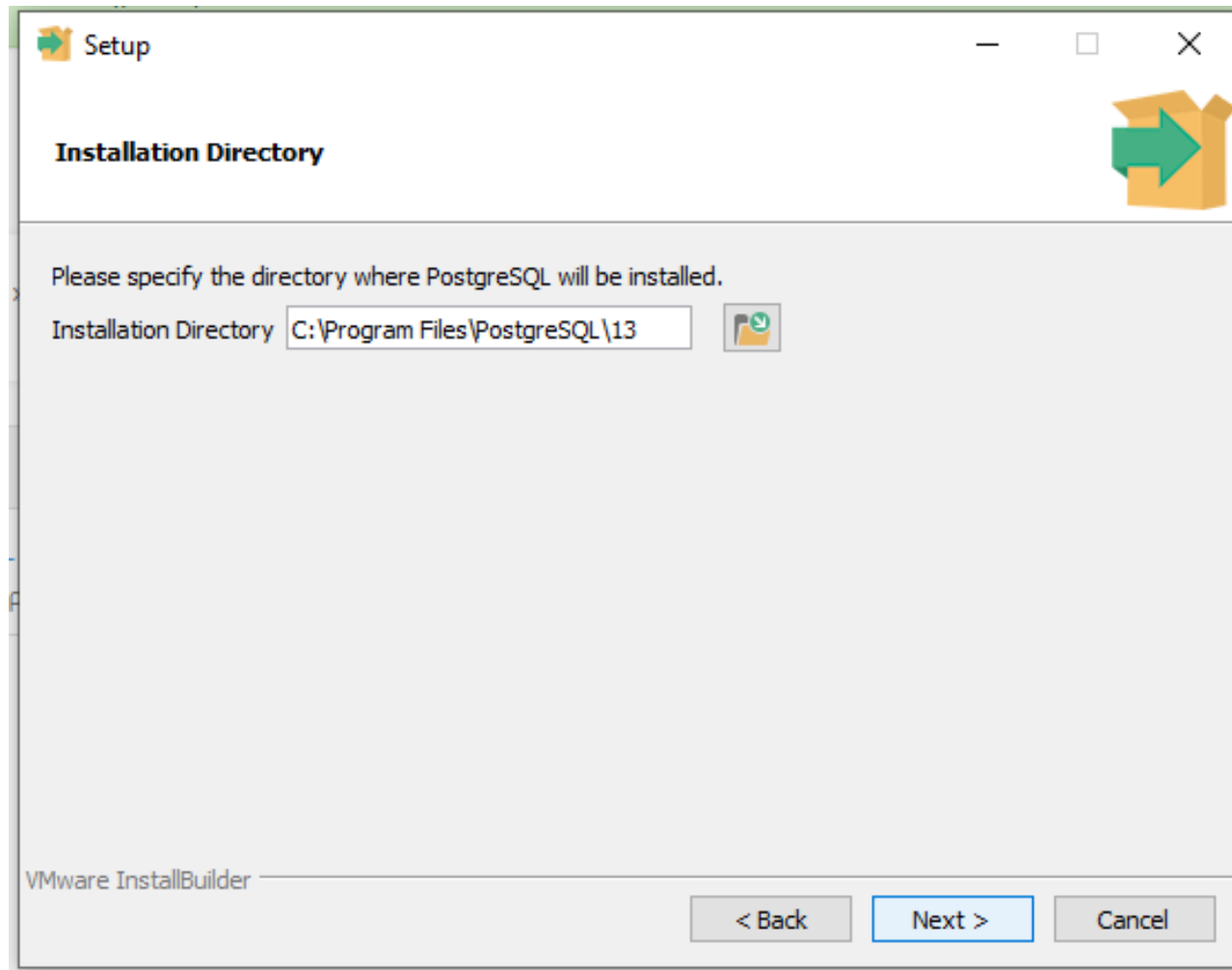
Έναρξη εγκατάστασης

❖ Το αρχείο που μόλις ‘κατεβάσατε’



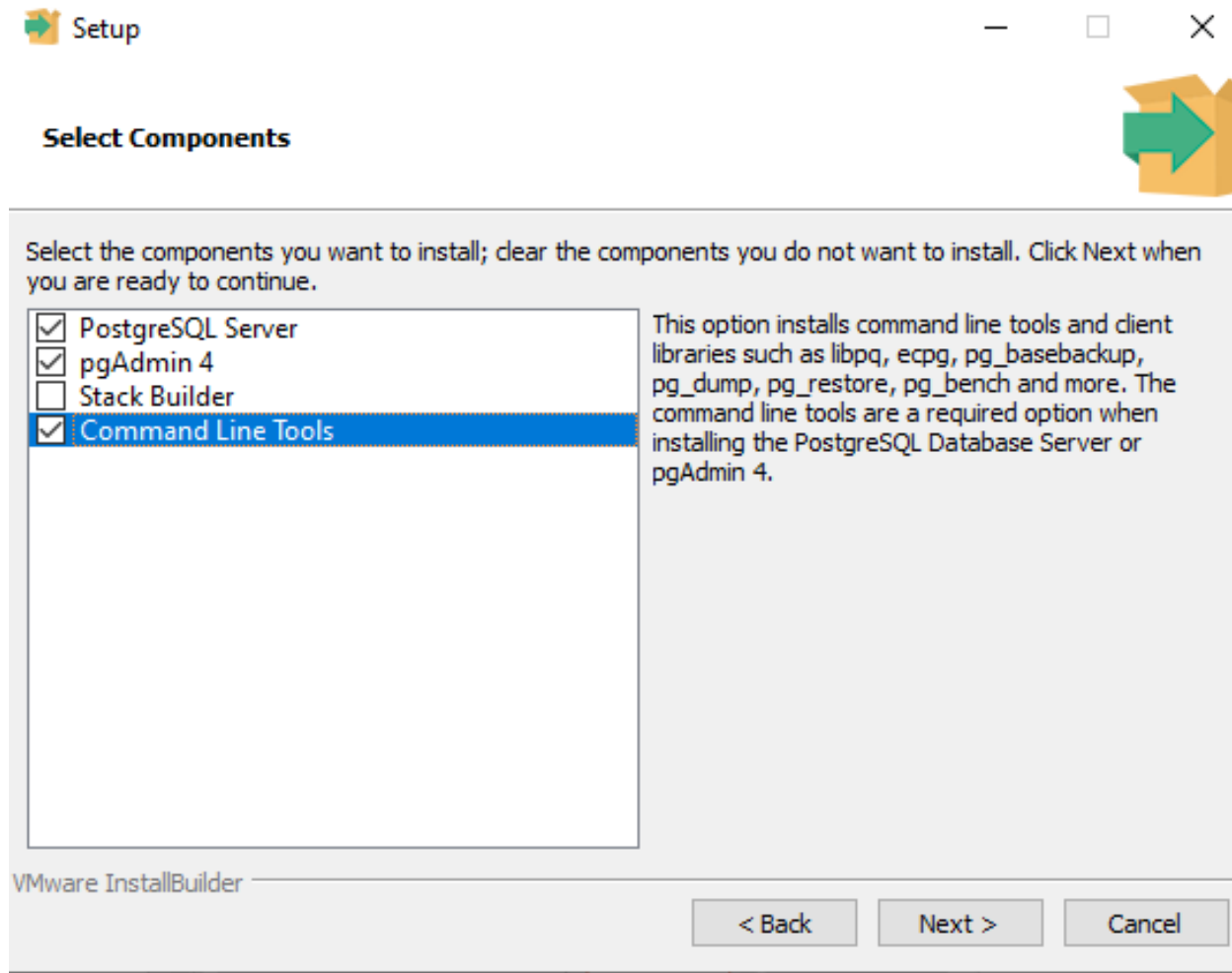
Εγκατάσταση

❖ Installation directory (πατήστε NEXT)



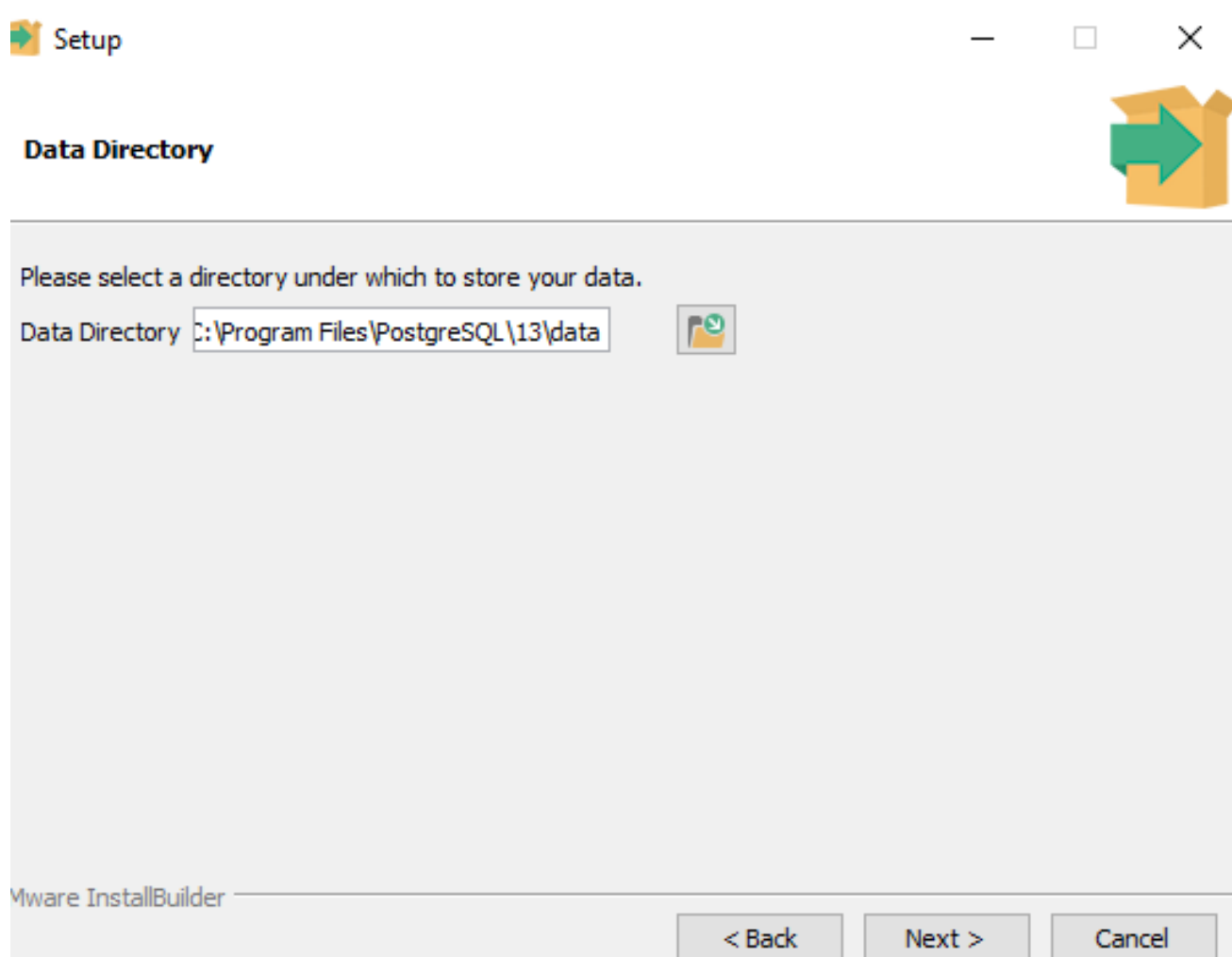
Εγκατάσταση

❖ Components (unchecked και πατήστε NEXT)



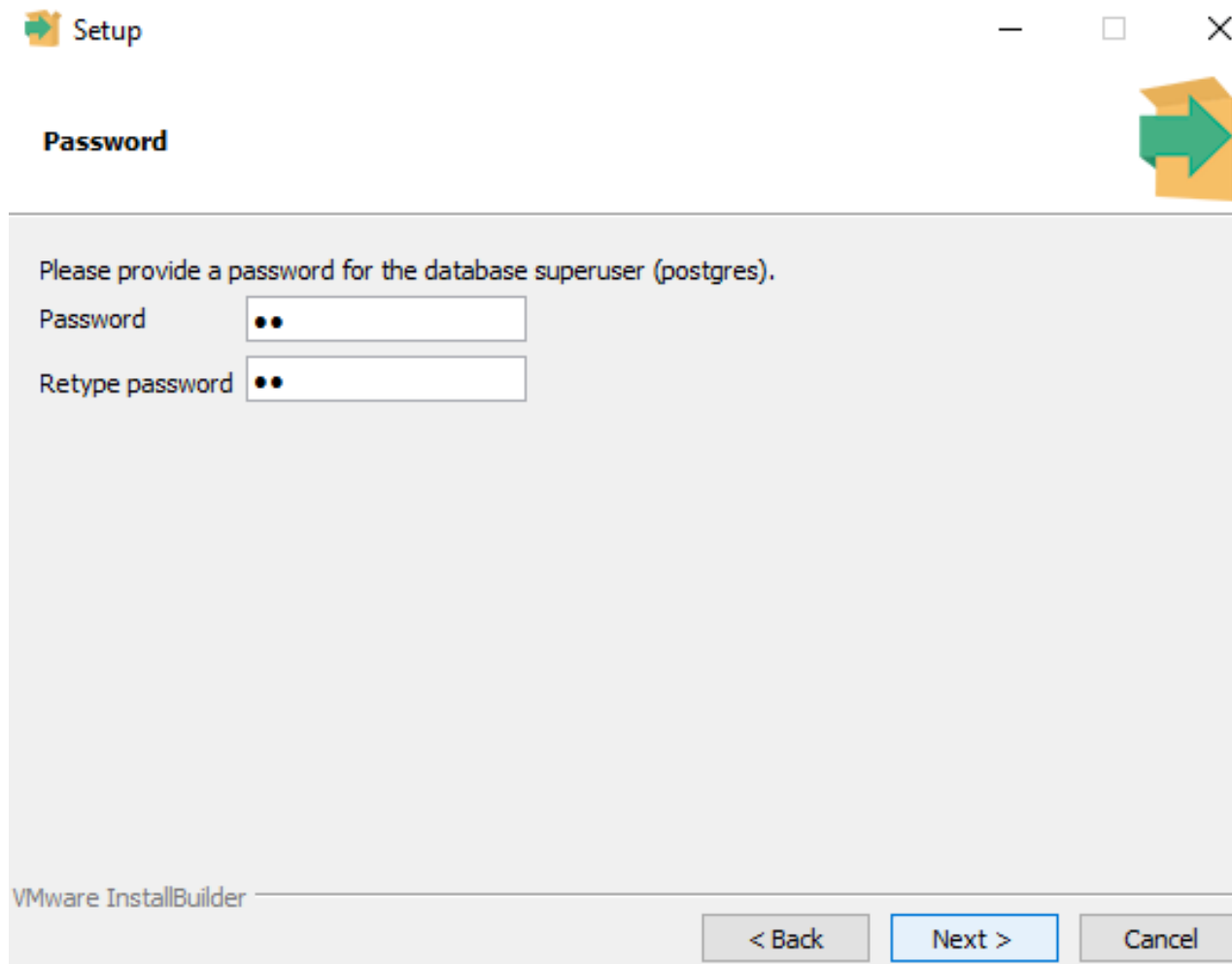
Εγκατάσταση

❖ Data directory (πατήστε NEXT)



Εγκατάσταση (συν.)

❖ Επιλέξτε ένα password (και πατήστε NEXT)



The screenshot shows a window titled "Setup" with standard Windows window controls (minimize, maximize, close). The window has a large green arrow icon on the right side. The main content area is titled "Password" and contains the instruction: "Please provide a password for the database superuser (postgres)." Below this instruction are two text input fields. The first field is labeled "Password" and the second is labeled "Retype password". Both fields contain two black dots, indicating that the text is masked. At the bottom of the window, there is a status bar that says "VMware InstallBuilder" and three buttons: "< Back", "Next >" (which is highlighted with a blue border), and "Cancel".

Setup

Password

Please provide a password for the database superuser (postgres).

Password

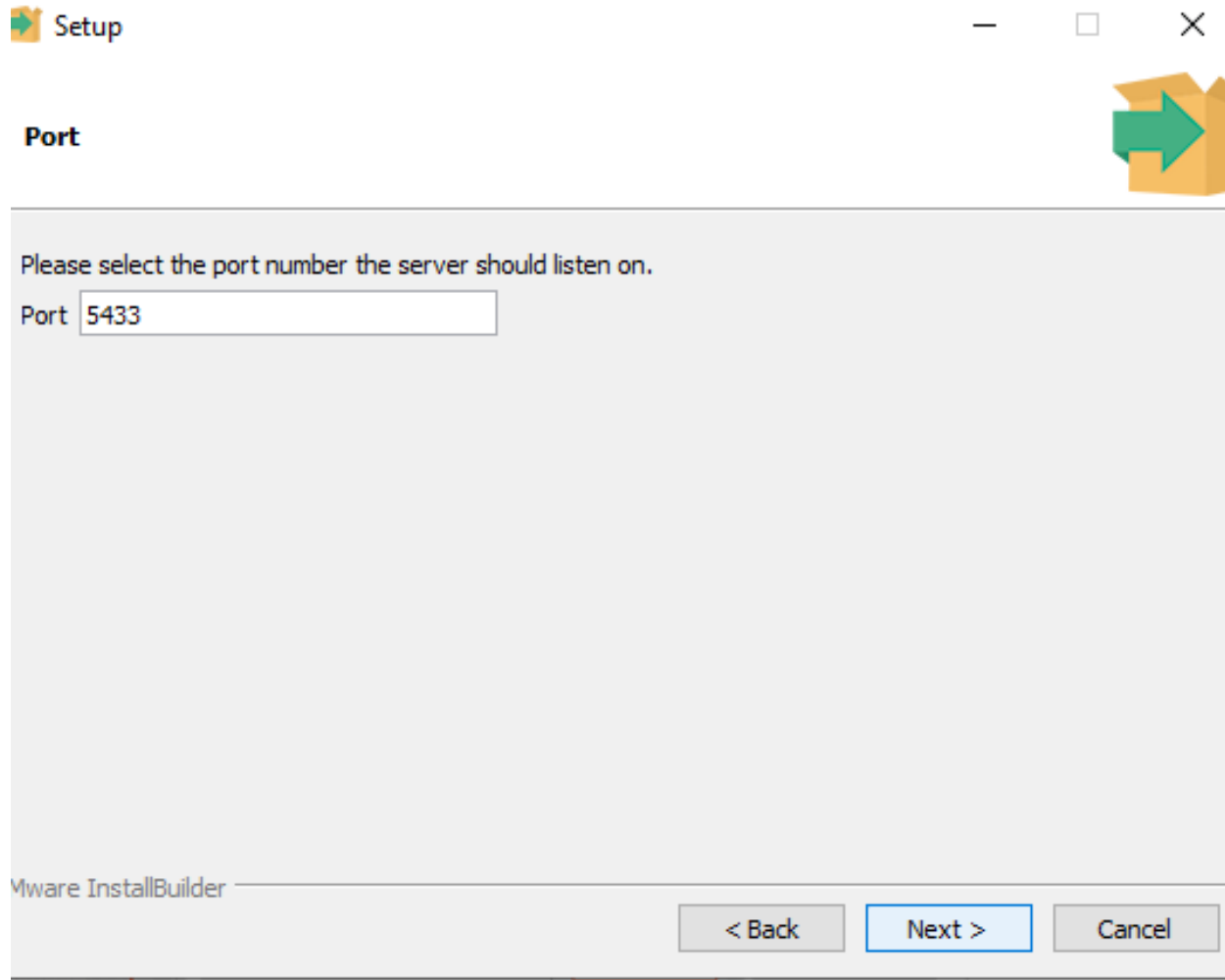
Retype password

VMware InstallBuilder

< Back Next > Cancel

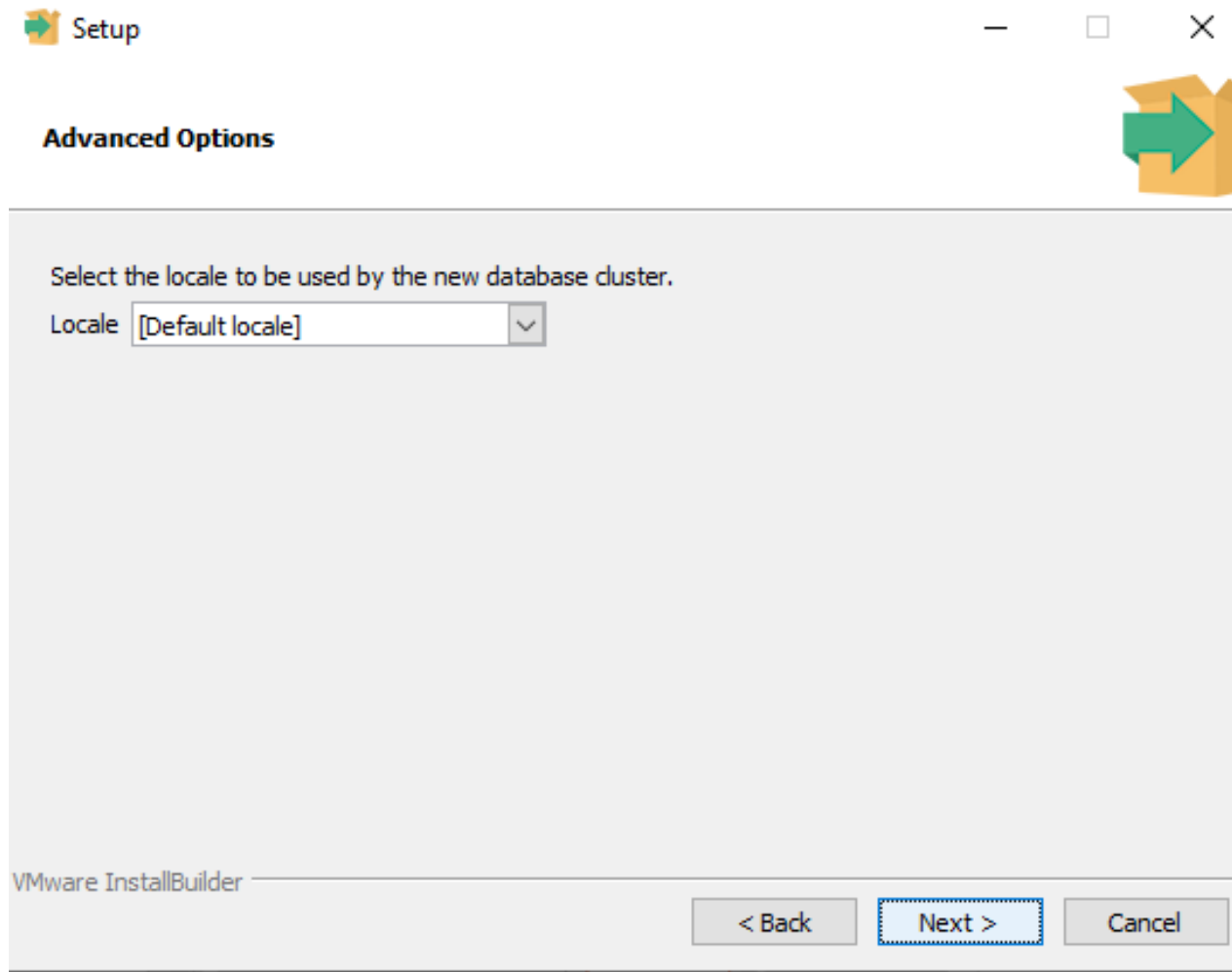
Εγκατάσταση (συν.)

❖ Πατήστε NEXT



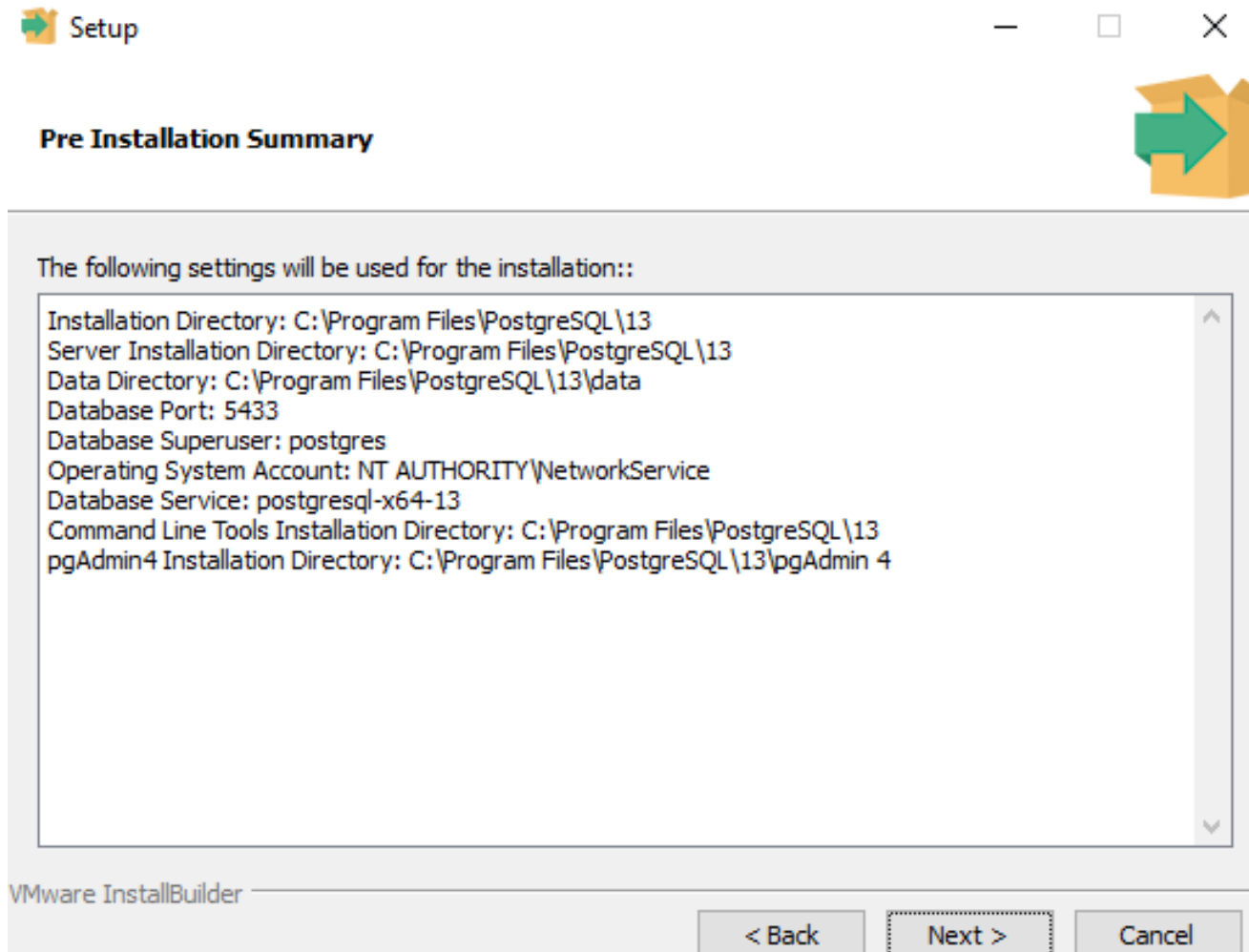
Εγκατάσταση (συν.)

❖ Πατήστε NEXT



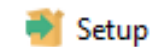
Εγκατάσταση (συν.)

❖ Πατήστε NEXT



Εγκατάσταση (συν.)

❖ Πατήστε NEXT



Ready to Install



Setup is now ready to begin installing PostgreSQL on your computer.

VMware InstallBuilder

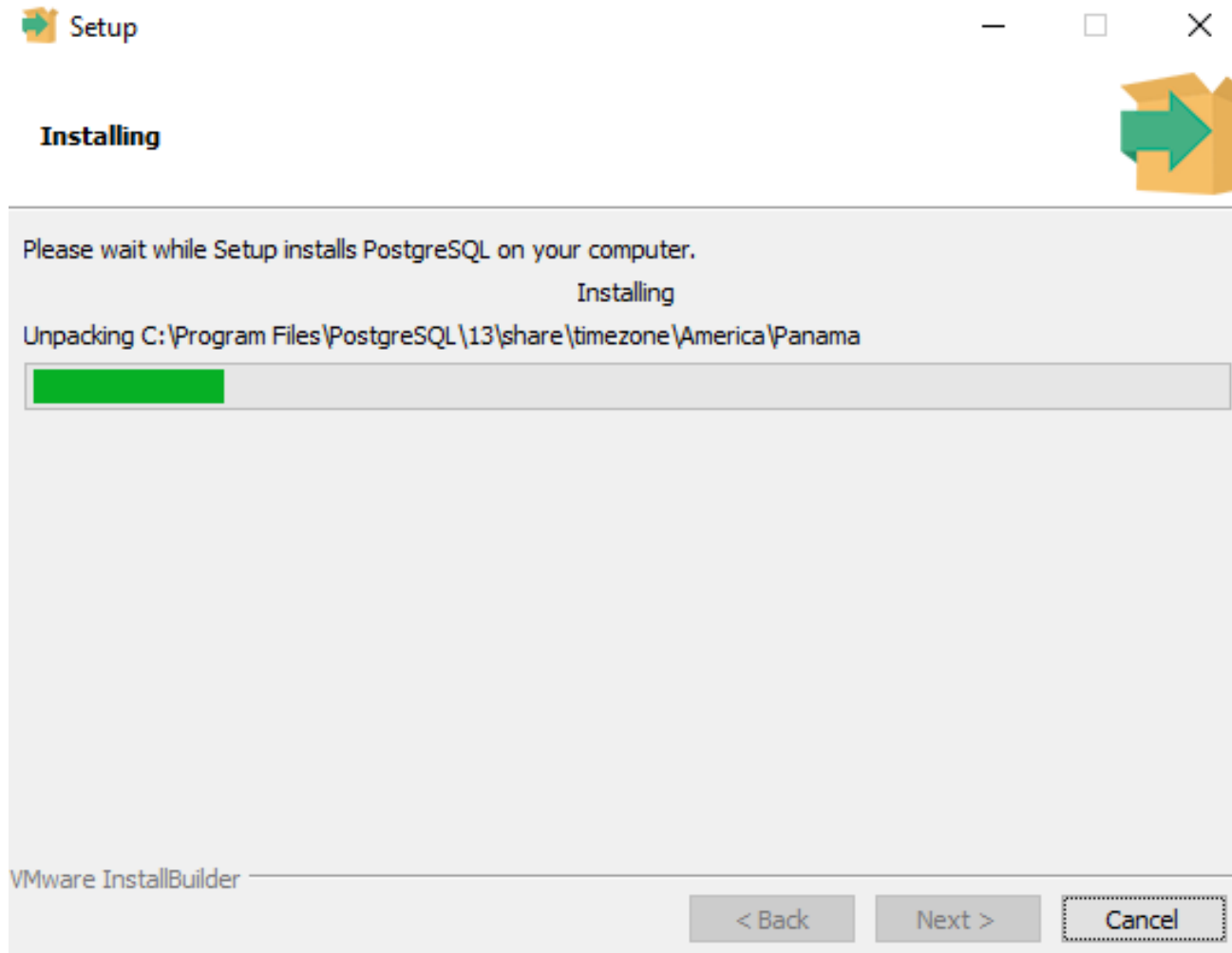
< Back

Next >

Cancel

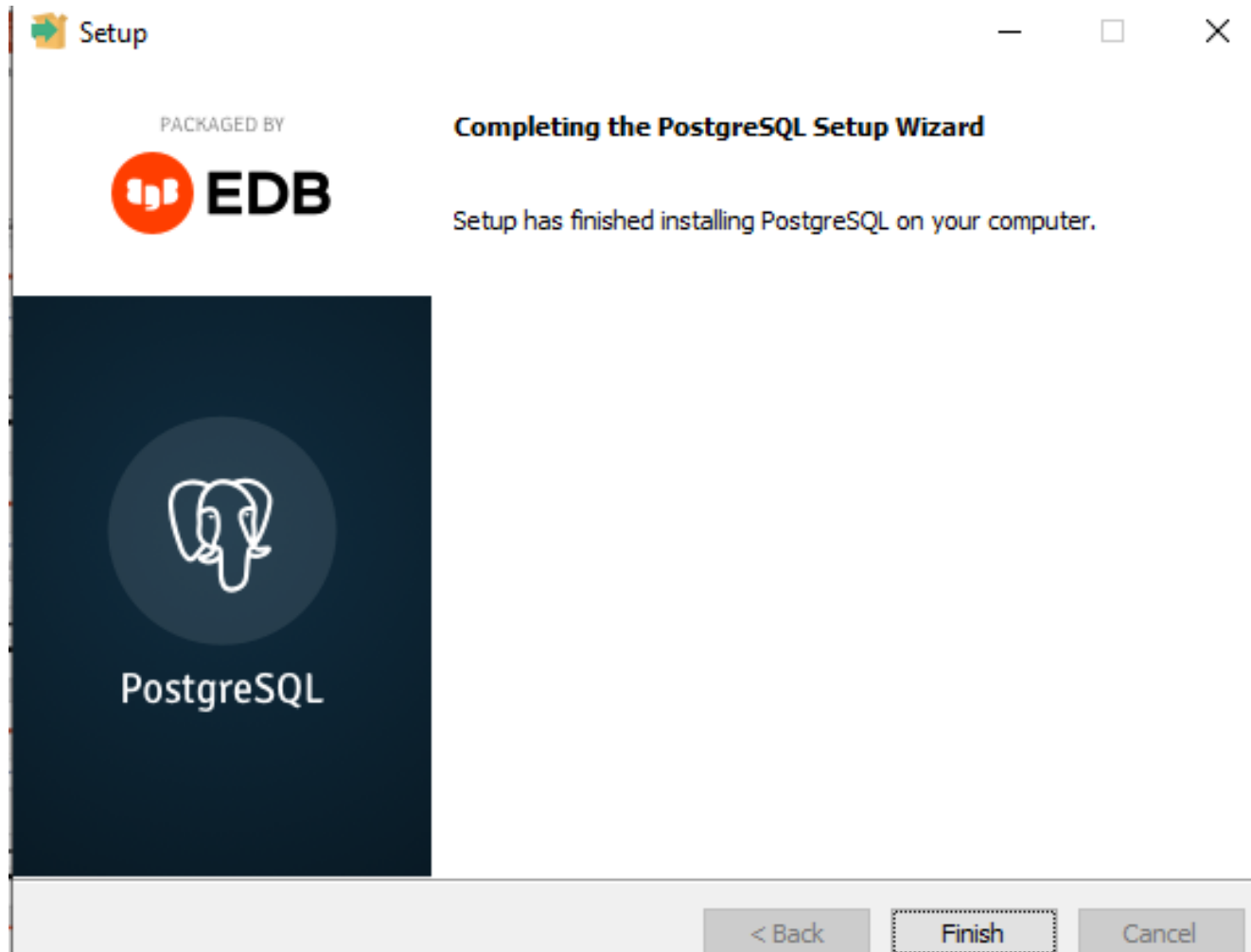
Εγκατάσταση (συν.)

❖ Περίμενε έως ότου ολοκληρωθεί η διαδικασία



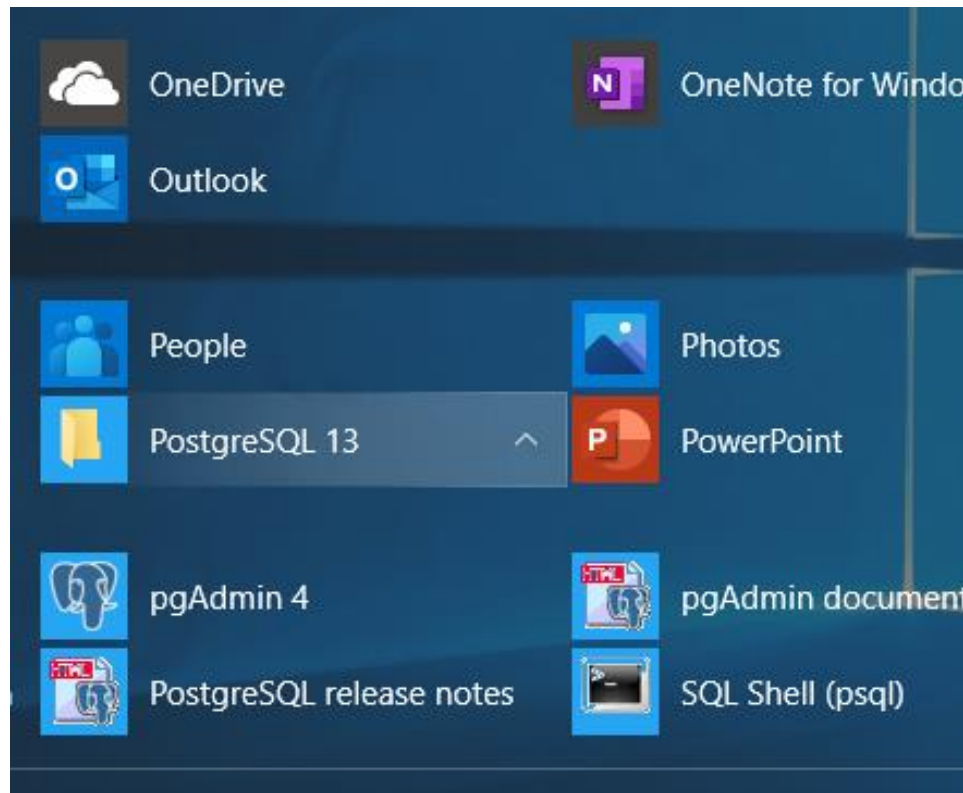
Εγκατάσταση (συν.)

❖ Πατήστε FINISH



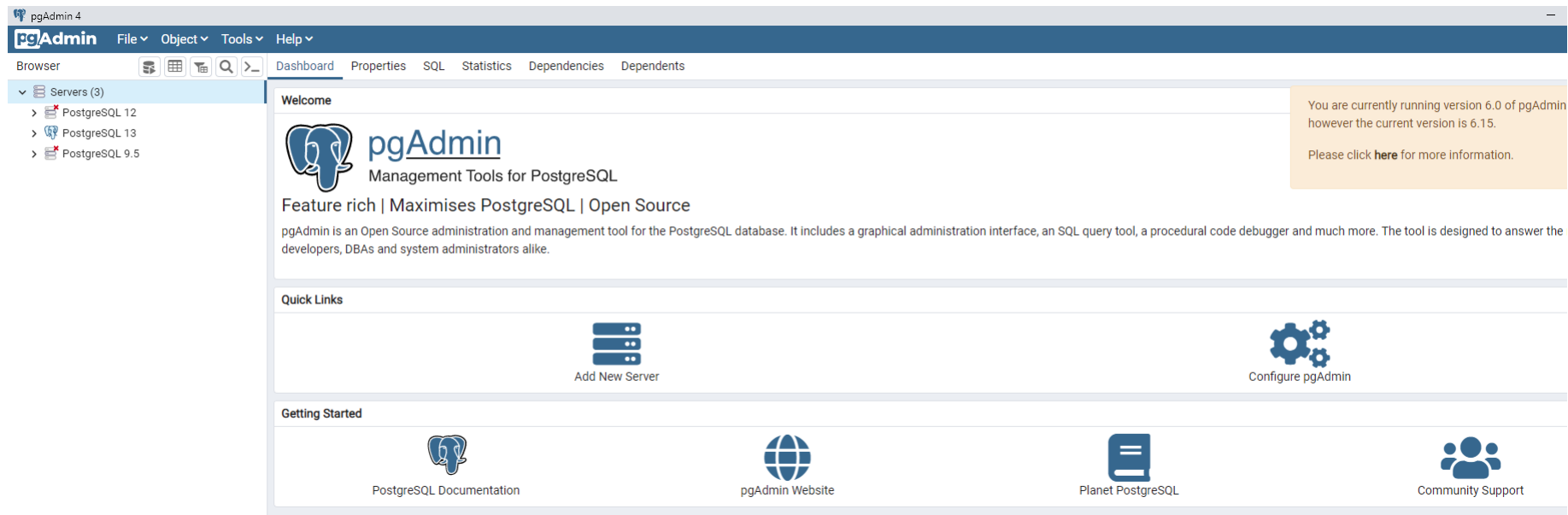
Στο desktop θα πρέπει να δείτε

❖ Σειρά νέων εικονιδίων όπως παρακάτω



pgAdmin 4

❖ Το διαδραστικό περιβάλλον (editor)





Εγκατάσταση / ενημέρωση PgAdmin

Installer

❖ <https://www.pgadmin.org/download/>

 **pgAdmin** [Home](#) [Development](#) [Documentation](#) [Download](#) [Support](#)

Quick Links

-  [Download](#)
-  [FAQ](#)
-  [Latest Docs](#)
-  [Get Help](#)
-  [Screenshots](#)

Download

pgAdmin is a free software project released under the PostgreSQL licence. The software is available in source and binary format from the PostgreSQL mirror network. Because compiling from source requires technical knowledge, we recommend installing binary packages whenever possible.

The pages in this section give additional details about each binary package available as well as more direct download links. In addition, you can download source tarballs and pgAgent for your servers to enable additional functionality.

pgAdmin 4

pgAdmin 4 is a complete rewrite of pgAdmin, built using Python and Javascript/jQuery. A desktop runtime written in NW.js allows it to run standalone for individual users, or the web application code may be deployed directly on a web server for use by one or more users through their web browser. The software has the look and feels of a desktop application whatever the runtime environment is, and vastly improves on pgAdmin III with updated user interface elements, multi-user/web deployment options, dashboards, and a more modern design.

 Container

 macOS

 Python

 APT

 RPM

 Source Code

 Windows

pgAgent

pgAgent is a job scheduler for PostgreSQL which may be managed using pgAdmin. Prior to pgAdmin v1.9, pgAgent shipped as part of pgAdmin. From pgAdmin v1.9 onwards, pgAgent is shipped as a separate application.

 APT

 macOS

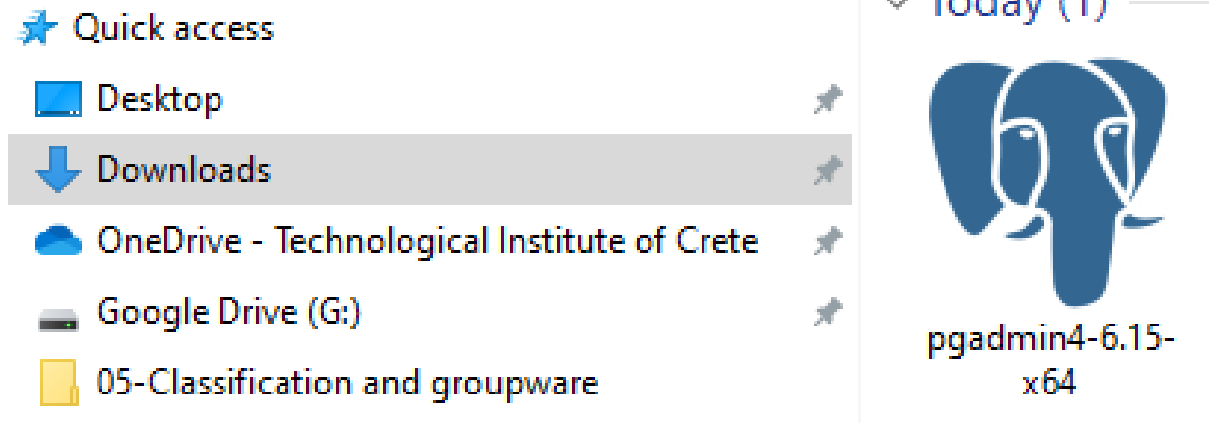
 RPM

 Windows

 Source Code

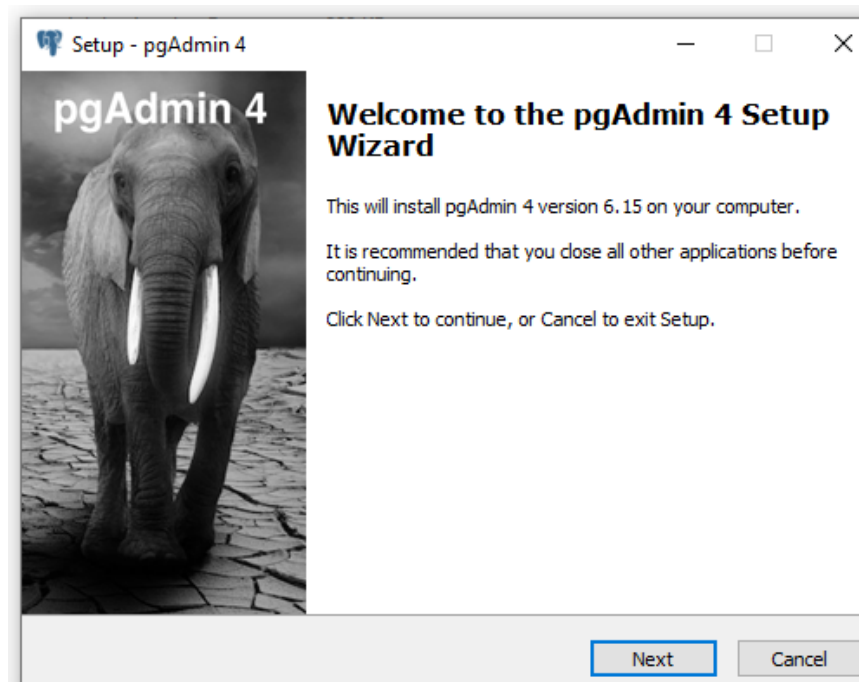
Installer

- ❖ Θα περιμένετε να κατέβει το παρακάτω αρχείο το οποίο και θα εκτελέσετε
 - pgadmin4-6.15-x64.exe



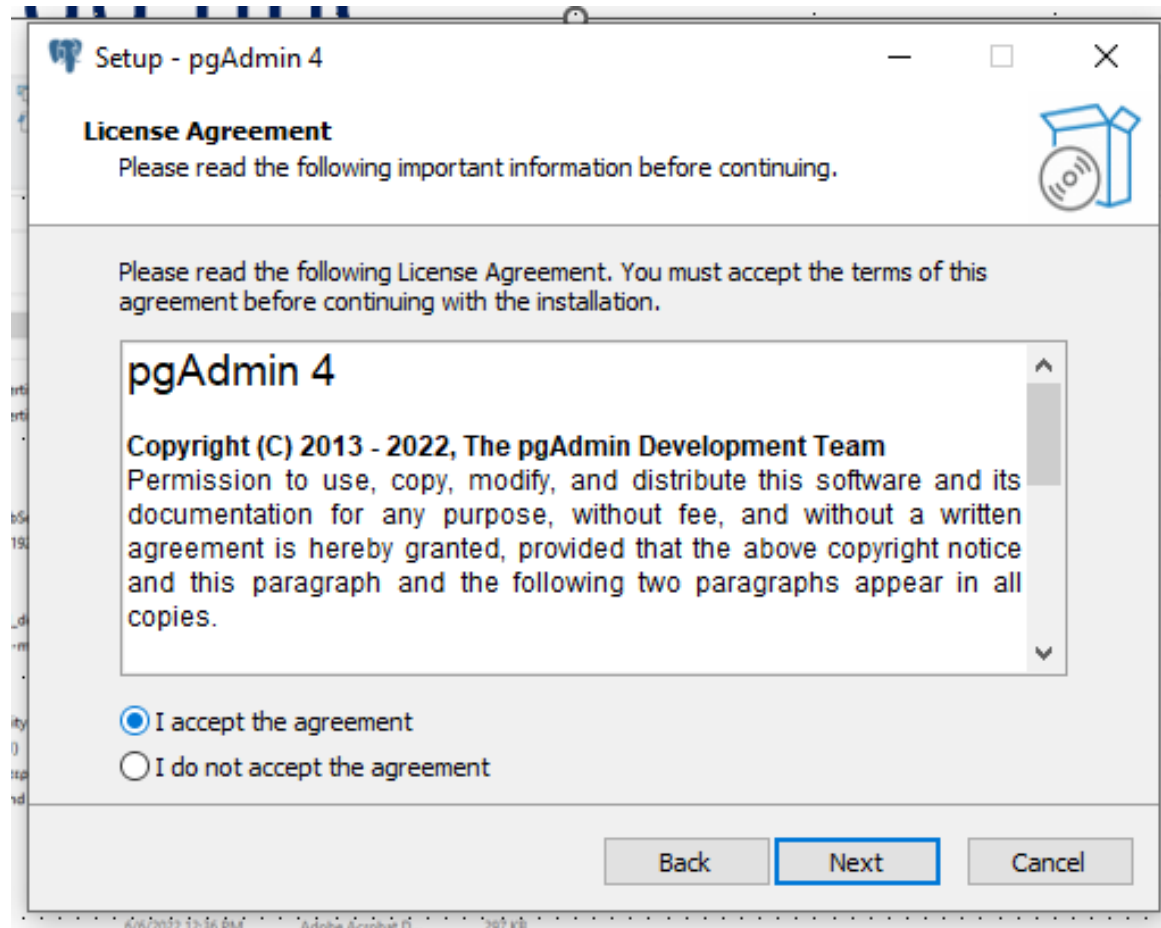
Προετοιμασία

❖ Όταν θα τρέξει το executable θα εμφανίσει το παρακάτω όπου θα πατήσετε 'next'



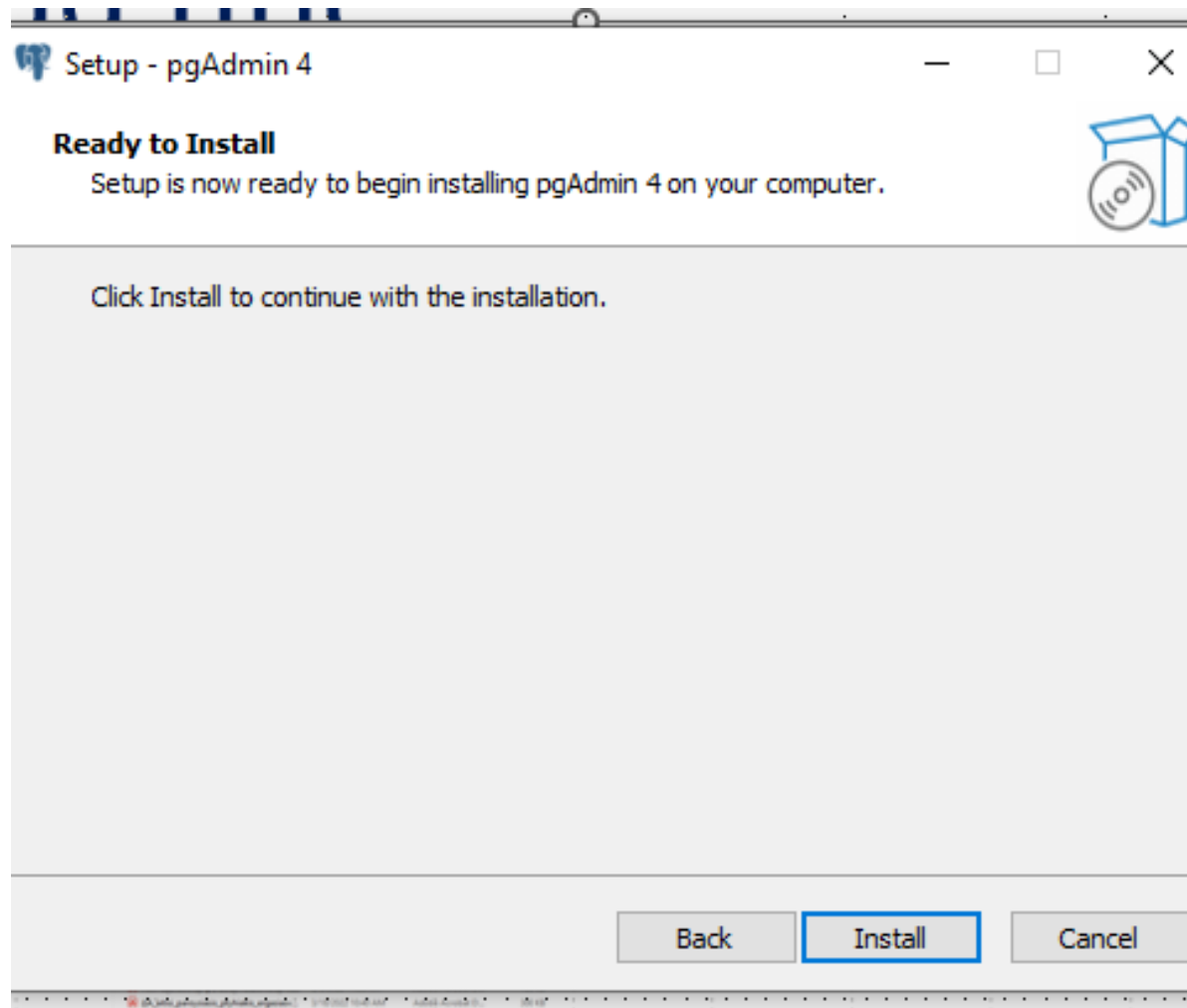
Προετοιμασία

❖ Θα αποδεχθείτε τους όρους



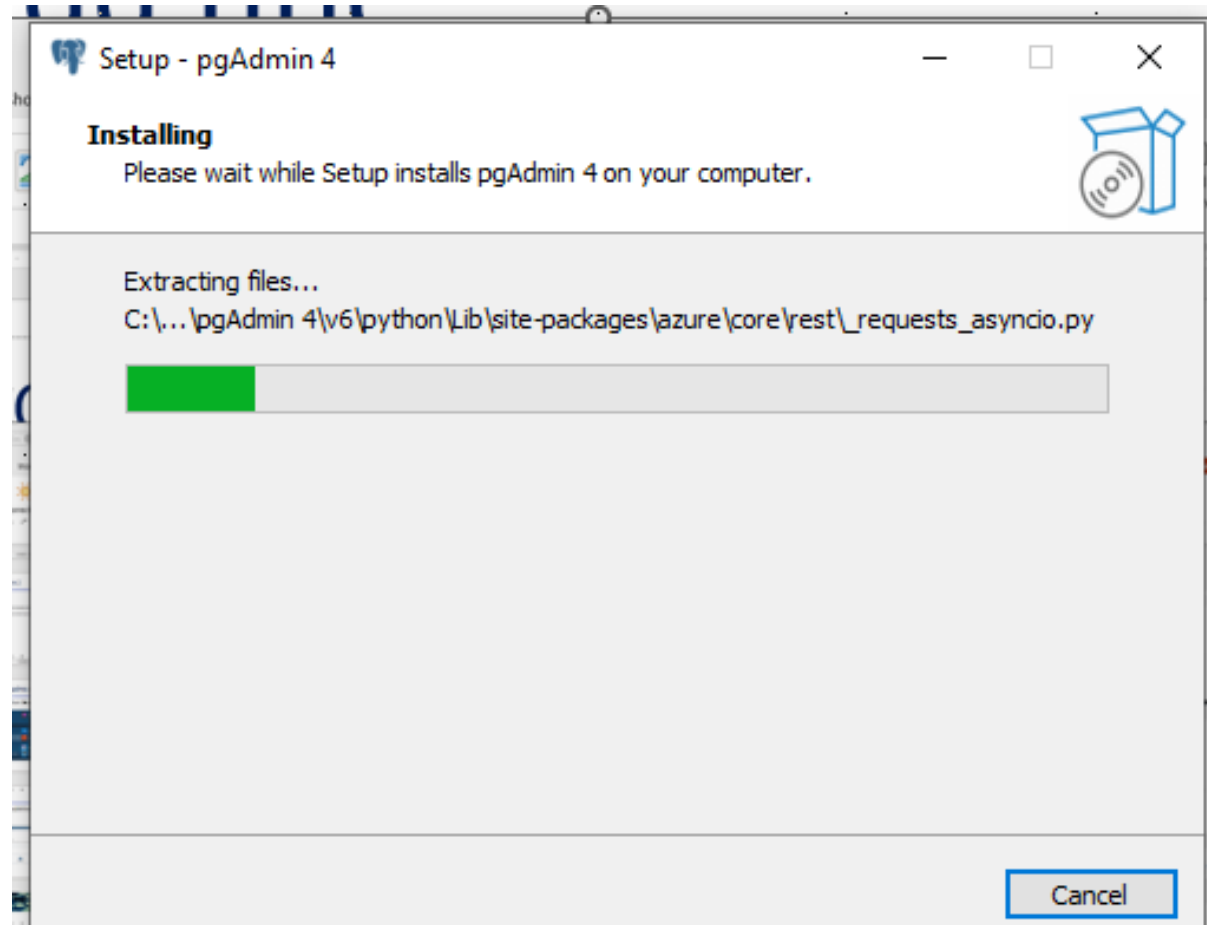
Έναρξη εγκατάστασης

❖ Θα πατήσετε 'Install'



Κατά την εγκατάσταση

❖ Θα αφήσετε τον installer να ολοκληρώσει ...



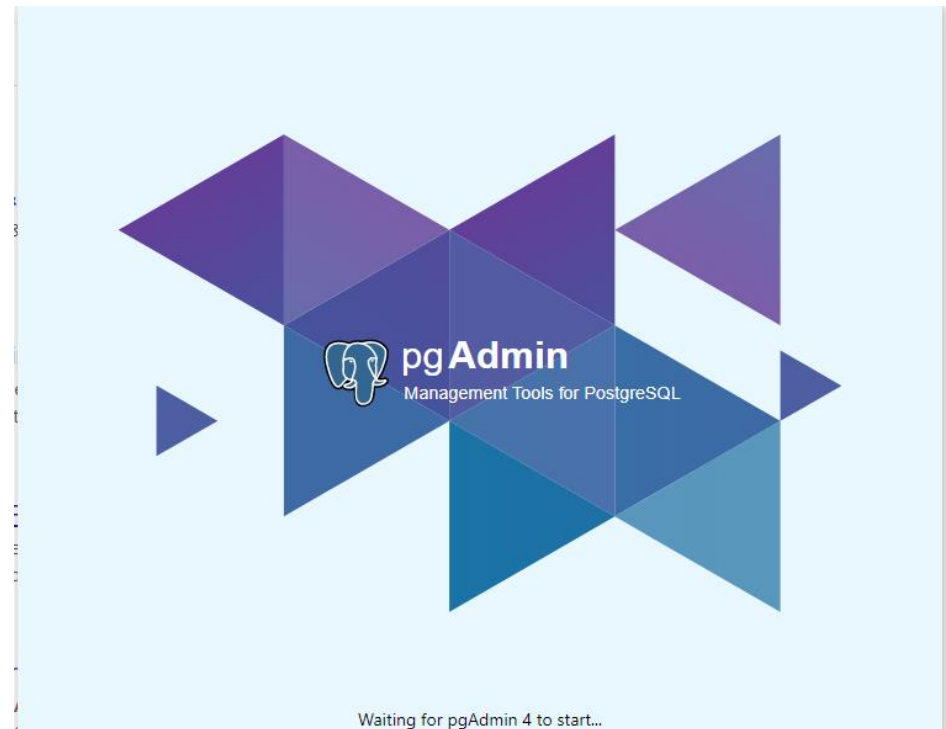
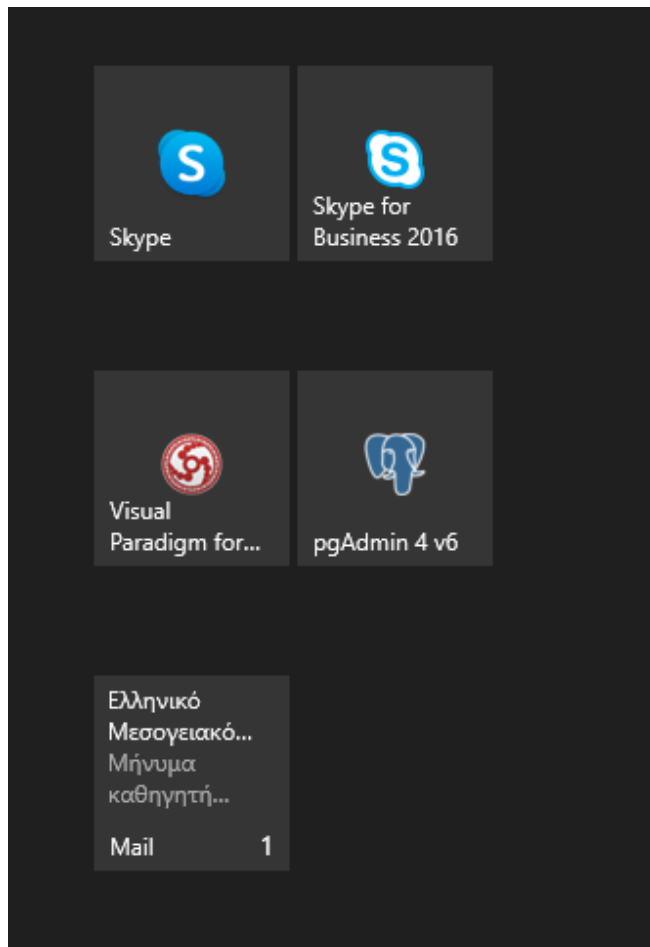
Ολοκλήρωση εγκατάστασης

❖ Θα πατήσετε 'Finish'



Εικονίδιο στο desktop

❖ Από το desktop



PgAdmin

❖ Σε χρόνο εκτέλεσης

