# PGP INSTALLATION AND CONFIGURATION

# Installation of PGP on a windows-based system.

Step 1: Firstly, download the [OPENPGP](https://www.gpg4win.de/thanks-for-download.html)

Step 2: Run  as administrator to begin with installation.

Step 3: During installation select all the options below.

 

# Creating Keys and configuration of your pgp account.

Step 4: Navigate to search for Kleopatra 

Step 5: Select new pair of key. Find the welcome page for Kleopatra





Step 6: Provide your Full name and email to be used for secure communication



Step 7: Proceed to Advanced settings and select 4096 bits



Step 8: Provide a passphrase to protect your secret key



Step 9: Make backup of your key.



# Signing others to have secure communications.

Step 10: Copy your public key by right your name on Kleopatra, scroll to Export, save it, open and copy it.

Step 11: Navigate to [PGP.CIRCL](http://pgp.circl.lu/) to upload your previously copied public key and click on submit key. Paste and submit it.



To sign others, navigate to [PGP.CIRCL](http://pgp.circl.lu/) provide full name of that particular individual or their domain.



Step 12: Click on keyID (4096R/6771BA62), copy the public key.

Step 13: Go back to Kleopatra and paste on notepad



Step 14: Import Notepad



Step 15: Verify that the person you are signing is who they are by the following listed suggestions.



# Start signing and encrypting communication on your outlook.

Step 16: Open your outlook application, then proceed to new email. Under Message click  to activate both signing and encrypting.



Step 17: Now, provide content to your email like you normally do then send and input your passphrase.

Note: Have the best and secure communications from on forward.