

Getting a PGP key

- [Generating Key Pair](#)

PGP (Pretty Good Privacy) key is required to access 'escrow'.

Generating Key Pair

Log onto a Linux Machine and then start the key generation process by entering 'pgp -kg'. Follow the onscreen instructions and you will have your key pair in a couple of minutes.

```
rajaasad@noric41 $ pgp -kg
Pretty Good Privacy(tm) 2.6.2 - Public-key encryption for the masses.
(c) 1990-1994 Philip Zimmermann, Phil's Pretty Good Software. 11 Oct 94 Uses the RSAREF(tm) Toolkit, which is
copyright RSA Data Security, Inc.
Distributed by the Massachusetts Institute of Technology.
Export of this software may be restricted by the U.S. government.
Current time: 2013/09/12 22:05 GMT
Pick your RSA key size:
  1) 512 bits- Low commercial grade, fast but less secure
  2) 768 bits- High commercial grade, medium speed, good security
  3) 1024 bits- "Military" grade, slow, highest security Choose 1, 2, or 3, or enter desired number of bits:
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Generating an RSA key with a 1024-bit modulus.

You need a user ID for your public key. The desired form for this user ID is your name, followed by your E-
mail address enclosed in <angle brackets>, if you have an E-mail address.
For example: John Q. Smith <12345.6789@compuserve.com> Enter a user ID for your public key:
Raja Khan <rajaajkhan@gmail.com>

You need a pass phrase to protect your RSA secret key.
Your pass phrase can be any sentence or phrase and may have many words, spaces, punctuation, or any other
printable characters.

Enter pass phrase:
Enter same pass phrase again:
Note that key generation is a lengthy process.

We need to generate 872 random bits. This is done by measuring the time intervals between your keystrokes.
Please enter some random text on your keyboard until you hear the beep:
0 * -Enough, thank you.
.....**** .....****
Key generation completed.
rajaasad@noric41 $ ls -la .pgp
total 7
drwx----- 2 rajaasad sf 2048 Sep 12 15:08 ./ drwxr-xr-x 7 rajaasad sf 2048 Sep 12 15:08 ../
-rw-r--r-- 1 rajaasad sf 0 Sep 12 15:04 .privchk
-rw----- 1 rajaasad sf 184 Sep 12 15:08 pubring.pgp
-rw----- 1 rajaasad sf 408 Sep 12 15:08 randseed.bin
-rw----- 1 rajaasad sf 517 Sep 12 15:08 secring.pgp
rajaasad@noric41 $ fs la .pgp
Access list for .pgp is
Normal rights:
system:administrators rlidwka
rajaasad rlidwka
```