

Centro Universitario del Estado de México

Ingeniería en Computación



Sistemas Operativos

Trabajo en clase (en parejas)

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Trabajo en clase (en parejas)

1. Creamos una llave usando el comando `gpg --full-gen-key`, colocamos la opción 1, y el tiempo en el que va a durar la cuenta 1w. En mi caso el nombre del usuario de la llave es abi en el caso de mi compañero el hará lo mismo solo que el de él se llamará Jimmy

```
uaem@DESKTOP-R3NKPLG: ~  
Delete this key from the keyring? (y/N) y  
uaem@DESKTOP-R3NKPLG: $ sudo gpg --list-key  
uaem@DESKTOP-R3NKPLG: $ gpg --full-gen-key  
gpg (GnuPG) 2.4.4; Copyright (C) 2024 g10 Code GmbH  
This is free software: you are free to change and redistribute it.  
There is NO WARRANTY, to the extent permitted by law.  
  
Please select what kind of key you want:  
  (1) RSA and RSA  
  (2) DSA and ElGamal  
  (3) DSA (sign only)  
  (4) RSA (sign only)  
  (9) ECC (sign and encrypt) *default*  
  (10) ECC (sign only)  
  (14) Existing key from card  
Your selection? 1  
RSA keys may be between 1024 and 4096 bits long.  
What keysize do you want? (3072) 3072  
Requested keysize is 3072 bits  
Please specify how long the key should be valid.  
  0 = key does not expire  
  <n> = key expires in n days  
  <n>w = key expires in n weeks  
  <n>m = key expires in n months  
  <n>y = key expires in n years  
Key is valid for? (0) 1w  
Key expires at Fri Nov 14 16:43:46 2025 CST  
Is this correct? (y/N) y  
  
GnuPG needs to construct a user ID to identify your key.  
  
Real name: abi  
Email address: abi@gmail.com  
Comment: trabajo en equipo  
You selected this USER-ID:  
  "abi (trabajo en equipo) <abi@gmail.com>"  
  
Change (N)ame, (C)omment, (E)mail or (O)kay/(Q)uit? 0  
We need to generate a lot of random bytes. It is a good idea to perform  
some other action (type on the keyboard, move the mouse, utilize the  
disks) during the prime generation; this gives the random number  
generator a better chance to gain enough entropy.  
We need to generate a lot of random bytes. It is a good idea to perform  
some other action (type on the keyboard, move the mouse, utilize the  
disks) during the prime generation; this gives the random number  
generator a better chance to gain enough entropy.  
gpg: revocation certificate stored as '/home/uaem/.gnupg/openpgp-revocs.d/20D6CD4846528589DE183382C4852224F928338.rev'  
public and secret key created and signed.  
  
pub   rsa3072 2025-11-07 [SC] [expires: 2025-11-14]  
      20D6CD4846528589DE183382C4852224F928338  
uid    abi (trabajo en equipo) <abi@gmail.com>  
sub    rsa3072 2025-11-07 [E] [expires: 2025-11-14]
```

2. Verificamos que se haya realizado con `gpg -k`, después vamos a exportar esa llave con el comando `gpg --export -a abi > abikey.asc`, y con el comando `ls -l` verificamos que, si se haya exportado nuestra llave, nuestro compañero realizara el mismo procedimiento con su llave.
3. La llave `abikey.asc` que es publica, esta se la compartiremos a nuestro compañero y el nos va a compartir la suya en este caso su llave se llama `jimmykey.asc`, esta llave la vamos a guardar en el mismo directorio donde se encuentra nuestra llave

```
uaem@DESKTOP-R3NKPLG: ~  
[sudo] password for uaem:  
uaem@DESKTOP-R3NKPLG:~$ sudo gpg -k  
uaem@DESKTOP-R3NKPLG:~$ gpg -k  
gpg: checking the trustdb  
gpg: marginal: needed: 3 completes needed: 1 trust model: pgp  
gpg: depth: 0 valid: 1 signed: 0 trust: 0-, 0q, 0n, 0m, 0f, 1u  
gpg: next trustdb check due at 2025-11-14  
/home/uaem/.gnupg/pubring.kbx  
-----  
pub   rsa3872 2025-11-07 [SC] [expires: 2025-11-14]  
      2006CD4846520589DE183382C48522224F928338  
uid   [ultimate] abi (trabajo en equipo) <abi@gmail.com>  
sub   rsa3872 2025-11-07 [E] [expires: 2025-11-14]  
-----  
uaem@DESKTOP-R3NKPLG:~$ gpg --export -abi > abikey.asc  
gpg: conflicting commands  
uaem@DESKTOP-R3NKPLG:~$ sudo gpg --export -abi > abikey.asc  
gpg: conflicting commands  
uaem@DESKTOP-R3NKPLG:~$ sudo gpg --export -a abi > abikey.asc  
gpg: WARNING: nothing exported  
uaem@DESKTOP-R3NKPLG:~$ gpg --export -a abi > abikey.asc  
uaem@DESKTOP-R3NKPLG:~$ gpg -k  
/home/uaem/.gnupg/pubring.kbx  
-----  
pub   rsa3872 2025-11-07 [SC] [expires: 2025-11-14]  
      2006CD4846520589DE183382C48522224F928338  
uid   [ultimate] abi (trabajo en equipo) <abi@gmail.com>  
sub   rsa3872 2025-11-07 [E] [expires: 2025-11-14]  
-----  
uaem@DESKTOP-R3NKPLG:~$ ls -l  
total 364  
-rw-r--r-- 1 uaem uaem 285 Oct 16 16:46 IDUNICO.txt  
-rw-r--r-- 1 root root 31 Nov 6 16:09 MyPer.txt  
-rw-r--r-- 1 root root 110 Nov 6 16:12 MyPer.txt.gpg  
-rwxr-xr-x 1 uaem uaem 587 Oct 30 15:54 RespSep24.sh  
-rw-r--r-- 1 uaem uaem 395 Sep 26 16:28 SO25B.txt  
-rw-r--r-- 1 uaem uaem 395 Sep 26 16:37 UltCon25B.txt  
-rw-r--r-- 1 root root 45 Nov 6 16:10 WePer.txt  
-rw-r--r-- 1 uaem uaem 123 Nov 6 16:21 WePer.txt.gpg  
-rw-r--r-- 1 uaem uaem 92747 Aug 22 07:55 'WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg'  
-rw-r--r-- 1 uaem uaem 61 Aug 22 07:55 'WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg:Zone.Identifier'  
-rw-r--r-- 1 root root 26 Nov 6 16:10 YourPer.txt  
-rw-r--r-- 1 uaem uaem 288 Nov 6 16:14 YourPer.txt.asc  
-rw-r--r-- 1 uaem uaem 2468 Nov 7 16:47 abikey.asc  
drwxr-xr-x 2 uaem uaem 4096 Oct 30 16:01 backupNov25  
-rw-r--r-- 1 uaem uaem 61 Aug 22 07:59 cartas.jpeg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 29076 Oct 10 15:02 comandos09Oct25.txt  
-rwxr-xr-x 1 root root 2350 Oct 16 16:37 clear.sh  
-rw-r--r-- 1 uaem uaem 464 Oct 17 16:02 cronCF.txt  
-rw-r--r-- 1 uaem uaem 29 Oct 17 16:03 cronCF2.txt  
-rw-r--r-- 1 uaem uaem 78 Nov 6 15:48 documento.txt  
-rw-r--r-- 1 uaem uaem 265 Nov 6 15:54 documento.txt.asc  
-rw-r--r-- 1 root root 149 Nov 6 16:03 documento.txt.gpg  
-rw-r--r-- 1 uaem uaem 92 Sep 25 15:35 fonseca.txt
```

- 4. Una vez echo lo anterior vamos a importar la llave jimmykey.asc conel comando gpg --import jimmykey.asc.
- 5. Una vez echo lo anterior vamos a crear un documento llamado canción.txt usando el comando sudo nano canción.txt. Este documento lo vamos a encriptar usando el comando gpg -e canción.txt, en este apartado vamos a colocar el correo de la llave de nuestro compañero en este caso colocaremos Jimmy_fonseca_android@hotmail.com, con el comando ls -l verificamos

```
uaem@DESKTOP-R3NKPLG: ~  
-rwxr-xr-x 1 root root 76 Oct 16 16:14 name.sh  
-rw-r--r-- 1 uaem uaem 4 Oct 16 16:15 nombre.txt  
-rw-r--r-- 1 uaem uaem 396 Sep 25 15:44 outp.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:43 salida.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida1.txt  
-rw-r--r-- 1 root root 19 Oct 24 16:59 saludos1.txt  
-rw-r--r-- 1 root root 101 Oct 24 17:00 saludos1.txt.gpg  
-rw-r--r-- 1 uaem uaem 5261 Nov 7 15:16 secretkey.asc  
drwx----- 3 uaem uaem 4096 Sep 4 10:52 snap  
-rw-r--r-- 1 uaem uaem 0 Oct 17 16:30 update.txt  
-rw-r--r-- 1 uaem uaem 94 Oct 16 16:31 usuarios.txt  
-rw-r--r-- 1 uaem uaem 185 Oct 16 16:31 usuarios_readable.txt  
uaem@DESKTOP-R3NKPLG:~$ gpg --import jimmykey.asc  
gpg: key 639AB9A2F8F4695E: public key "Jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>" imported  
gpg: Total number processed: 1  
gpg: imported: 1  
uaem@DESKTOP-R3NKPLG:~$ sudo nano cancion.txt
```

```
uaem@DESKTOP-R3NKPLG: ~$ gpg -k
/home/uaem/.gnupg/pubring.kbx
-----
pub   rsa3072 2025-11-07 [SC] [expires: 2025-11-14]
      2006CD4846528589DE183382C48522224F928338
uid   [ultimate] abi (trabajo en equipo) <abi@gmail.com>
sub   rsa3072 2025-11-07 [E] [expires: 2025-11-14]

pub   rsa3072 2025-11-07 [SC] [expires: 2025-11-14]
      BE8F39A61D60886FC61DE0D639AB9A2F0F4695E
uid   [unknown] jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>
sub   rsa3072 2025-11-07 [E] [expires: 2025-11-14]

uaem@DESKTOP-R3NKPLG: ~$ gpg -e cancion.txt
You did not specify a user ID. (you may use "-r")

Current recipients:

Enter the user ID. End with an empty line: jimmy_fonseca_android@hotmail.com
gpg: 86FBC8863508BEDC: There is no assurance this key belongs to the named user

sub   rsa3072/86FBC8863508BEDC 2025-11-07 jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>
Primary key fingerprint: BE8F 39A6 1D60 D806 FC61 DE0D 639A B9A2 F0F4 695E
Subkey fingerprint: 08EC FA3B 9362 C35C CBD0 116F 86FB C886 3508 BEDC

It is NOT certain that the key belongs to the person named
in the user ID. If you *really* know what you are doing,
you may answer the next question with yes.

Use this key anyway? (y/N) y

Current recipients:
rsa3072/86FBC8863508BEDC 2025-11-07 "jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>"

Enter the user ID. End with an empty line:
File 'cancion.txt.gpg' exists. Overwrite? (y/N) y
uaem@DESKTOP-R3NKPLG: ~$ ls -l
total 372
-rw-r--r-- 1 uaem uaem 285 Oct 16 16:46 IDUNICO.txt
-rw-r--r-- 1 root root 31 Nov 6 16:09 MyPer.txt
-rw-r--r-- 1 root root 110 Nov 6 16:12 MyPer.txt.gpg
-rwxr-xr-x 1 uaem uaem 587 Oct 30 15:54 RespSep24.sh
-rw-r--r-- 1 uaem uaem 395 Sep 26 16:28 S025B.txt
-rw-r--r-- 1 uaem uaem 395 Sep 26 16:37 UltCon25B.txt
-rw-r--r-- 1 root root 45 Nov 6 16:10 WePer.txt
-rw-r--r-- 1 uaem uaem 123 Nov 6 16:21 WePer.txt.gpg
-rw-r--r-- 1 uaem uaem 92747 Aug 22 07:55 'WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg'
-rw-r--r-- 1 uaem uaem 61 Aug 22 07:55 'WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg:Zone.Identifier'
-rw-r--r-- 1 root root 26 Nov 6 16:10 YourPer.txt
-rw-r--r-- 1 uaem uaem 288 Nov 6 16:14 YourPer.txt.asc
-rw-r--r-- 1 uaem uaem 2468 Nov 7 16:47 abikey.asc
```

6. El documento de canción.txt.gpg lo vamos a compartir con nuestro compañero, pero como tenemos uno igual con el mismo nombre solo le vamos a agregar un 1 y quedaría cancion1.txt.gpg este lo vamos a guardar en el mismo repositorio. Este lo vamos a desenscriptar con el comando gpg -d cancion1.txt.gpg

```
uaem@DESKTOP-R3NKPLG: ~$ ls -l
total 372
-rw-r--r-- 1 uaem uaem 92 Sep 25 15:35 fonseca.txt
-rw-r--r-- 1 uaem uaem 27521 Nov 6 16:57 historial.txt
-rw-r--r-- 1 uaem uaem 15 Oct 16 16:13 hola_mundo.txt
-rw-r--r-- 1 uaem uaem 3829 Oct 3 16:38 iptables.rules
-rw-r--r-- 1 uaem uaem 2497 Nov 7 16:49 jimmykey.asc
-rw-r--r-- 1 uaem uaem 25 Nov 7 16:50 jimmykey.asc:Zone.Identifier
-rw-r--r-- 1 uaem uaem 5269 Nov 7 15:23 keyabi.asc
-rw-r--r-- 1 uaem uaem 5261 Nov 7 16:15 keySecretSebas.asc
-rw-r--r-- 1 uaem uaem 25 Nov 7 16:16 keySecretSebas.asc:Zone.Identifier
-rw-r--r-- 1 uaem uaem 2505 Nov 7 15:25 keytoni.asc
-rw-r--r-- 1 uaem uaem 25 Nov 7 15:26 keytoni.asc:Zone.Identifier
-rw-r--r-- 1 uaem uaem 2948 Nov 6 16:46 llaves.asc
-rw-r--r-- 1 uaem uaem 664 Nov 6 16:49 llavesHaz.asc
-rw-r--r-- 1 uaem uaem 25 Nov 6 16:50 llavesHaz.asc:Zone.Identifier
-rw-r--r-- 1 root root 82 Nov 7 15:33 mensaje.txt
-rw-r--r-- 1 uaem uaem 557 Nov 7 15:30 mensaje.txt.gpg
-rw-r--r-- 1 uaem uaem 975 Nov 7 15:42 mensaje1.txt.gpg
-rw-r--r-- 1 uaem uaem 25 Nov 7 15:43 mensaje1.txt.gpg:Zone.Identifier
-rw-r--r-- 1 uaem uaem 106 Sep 25 15:36 monosaurio.txt
-rwxr-xr-x 1 root root 76 Oct 16 16:14 name.sh
-rw-r--r-- 1 uaem uaem 4 Oct 16 16:15 nombre.txt
-rw-r--r-- 1 uaem uaem 396 Sep 25 15:44 outp.txt
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:43 salida.txt
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida1.txt
-rw-r--r-- 1 root root 19 Oct 24 16:59 saludos1.txt
-rw-r--r-- 1 root root 101 Oct 24 17:00 saludos1.txt.gpg
-rw-r--r-- 1 uaem uaem 5261 Nov 7 15:16 secretkey.asc
drwx----- 3 uaem uaem 4096 Sep 4 10:52 ssaad
-rw-r--r-- 1 uaem uaem 0 Oct 17 16:30 update.txt
-rw-r--r-- 1 uaem uaem 94 Oct 16 16:31 usuarios.txt
-rw-r--r-- 1 uaem uaem 185 Oct 16 16:31 usuarios_readable.txt
uaem@DESKTOP-R3NKPLG: ~$ sudo gpg -d cancion1.txt.gpg
[sudo] password for uaem:
gpg: encrypted with RSA key, ID FD98ED76CA477047
gpg: public key decryption failed: No secret key
gpg: decryption failed: No secret key
uaem@DESKTOP-R3NKPLG: ~$ gpg -d cancion1.txt.gpg
gpg: encrypted with rsa3072 key, ID FD98ED76CA477047, created 2025-11-07
"abi (trabajo en equipo) <abi@gmail.com>"
gpg: public key decryption failed: Bad passphrase
gpg: decryption failed: Bad passphrase
uaem@DESKTOP-R3NKPLG: ~$ gpg -d cancion1.txt.gpg
gpg: encrypted with rsa3072 key, ID FD98ED76CA477047, created 2025-11-07
"abi (trabajo en equipo) <abi@gmail.com>"
bohemian rhapsody queen
uaem@DESKTOP-R3NKPLG: ~$ gpg -d cancion1.txt.gpg
gpg: encrypted with rsa3072 key, ID FD98ED76CA477047, created 2025-11-07
"abi (trabajo en equipo) <abi@gmail.com>"
bohemian rhapsody queen
uaem@DESKTOP-R3NKPLG: ~$
```


7. Con ls-l verificamos si esta y con sudo cat jimy.txt podemos ver que hay dentro del documento y verificar que es correcto

```
uaem@DESKTOP-R3NKPLG: ~  
-rw-r--r-- 1 uaem uaem 2468 Nov 7 16:47 abikkey.asc  
-rwxr-xr-x 2 uaem uaem 4096 Nov 7 17:05 backupNov25  
-rw-r--r-- 1 root root 40 Nov 7 16:51 cancion.txt  
-rw-r--r-- 1 uaem uaem 520 Nov 7 16:59 cancion.txt.gpg  
-rw-r--r-- 1 uaem uaem 586 Nov 7 17:02 cancion1.txt.gpg  
-rw-r--r-- 1 uaem uaem 25 Nov 7 17:03 cancion1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 61 Aug 22 07:59 cartas.jpeg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 29075 Oct 10 15:02 comandos090ct25.txt  
-rwxr-xr-x 1 root root 2350 Oct 16 16:37 crear.sh  
-rw-rw-r-- 1 uaem uaem 464 Oct 17 16:02 cronCF.txt  
-rw-rw-r-- 1 uaem uaem 29 Oct 17 16:03 cronCF2.txt  
-rw-r--r-- 1 uaem uaem 78 Nov 6 15:48 documento.txt  
-rw-r--r-- 1 uaem uaem 265 Nov 6 15:54 documento.txt.asc  
-rw-r--r-- 1 root root 149 Nov 6 16:03 documento.txt.gpg  
-rw-r--r-- 1 uaem uaem 92 Sep 25 15:35 fonsaca.txt  
-rw-r--r-- 1 uaem uaem 27521 Nov 6 16:57 historial.txt  
-rw-r--r-- 1 uaem uaem 15 Oct 16 16:13 hola_mundo.txt  
-rw-r--r-- 1 uaem uaem 3029 Oct 3 16:38 iptables.rules  
-rw-r--r-- 1 uaem uaem 2497 Nov 7 16:49 jimmykey.asc  
-rw-r--r-- 1 uaem uaem 25 Nov 7 16:50 jimmykey.asc:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 25 Nov 7 17:11 jimy.tx  
-rw-r--r-- 1 uaem uaem 25 Nov 7 17:11 jimy.txt  
-rw-r--r-- 1 uaem uaem 5269 Nov 7 15:23 keyAbi.asc  
-rw-r--r-- 1 uaem uaem 5261 Nov 7 16:15 keySecretSebas.asc  
-rw-r--r-- 1 uaem uaem 25 Nov 7 16:16 keySecretSebas.asc:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 2505 Nov 7 15:25 keyToni.asc  
-rw-r--r-- 1 uaem uaem 25 Nov 7 15:26 keyToni.asc:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 2948 Nov 6 16:46 llaves.asc  
-rw-r--r-- 1 uaem uaem 664 Nov 6 16:49 llavesHaz.asc  
-rw-r--r-- 1 uaem uaem 25 Nov 6 16:50 llavesHaz.asc:Zone.Identifier  
-rw-r--r-- 1 root root 82 Nov 7 15:33 mensaje.txt  
-rw-r--r-- 1 uaem uaem 557 Nov 7 15:39 mensaje.txt.gpg  
-rw-r--r-- 1 uaem uaem 975 Nov 7 15:42 mensaje1.txt.gpg  
-rw-r--r-- 1 uaem uaem 25 Nov 7 15:43 mensaje1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 106 Sep 25 15:36 monosaurio.txt  
-rwxr-xr-x 1 root root 76 Oct 16 16:14 name.sh  
-rw-r--r-- 1 uaem uaem 4 Oct 16 16:15 nombre.txt  
-rw-r--r-- 1 uaem uaem 396 Sep 25 15:44 outp.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:43 salida.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida1.txt  
-rw-r--r-- 1 root root 19 Oct 24 16:59 saludos1.txt  
-rw-r--r-- 1 root root 101 Oct 24 17:00 saludos1.txt.gpg  
-rw-r--r-- 1 uaem uaem 5261 Nov 7 15:16 secretkey.asc  
-rwx----- 3 uaem uaem 4096 Sep 4 10:52 shab  
-rw-rw-r-- 1 uaem uaem 0 Oct 17 16:30 update.txt  
-rw-r--r-- 1 uaem uaem 94 Oct 16 16:31 usuarios.txt  
-rw-r--r-- 1 uaem uaem 185 Oct 16 16:31 usuarios_readable.txt  
uaem@DESKTOP-R3NKPLG: $ sudo cat jimy.txt  
bohemian rhapsody queen  
uaem@DESKTOP-R3NKPLG: $
```

8. Con el siguiente comando podemos hacer un txt del documento de canción1.txt.gpg y este lo llamaremos jimy.txt el comando es gpg -d canción1.txt.gpg > jimy.txt

```
uaem@DESKTOP-R3NKPLG: ~  
-rw-r--r-- 1 uaem uaem 975 Nov 7 15:42 mensaje1.txt.gpg  
-rw-r--r-- 1 uaem uaem 25 Nov 7 15:43 mensaje1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 106 Sep 25 15:36 monosaurio.txt  
-rwxr-xr-x 1 root root 76 Oct 16 16:14 name.sh  
-rw-r--r-- 1 uaem uaem 4 Oct 16 16:15 nombre.txt  
-rw-r--r-- 1 uaem uaem 396 Sep 25 15:44 outp.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:43 salida.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida1.txt  
-rw-r--r-- 1 root root 19 Oct 24 16:59 saludos1.txt  
-rw-r--r-- 1 root root 101 Oct 24 17:00 saludos1.txt.gpg  
-rw-r--r-- 1 uaem uaem 5261 Nov 7 15:16 secretkey.asc  
-rwx----- 3 uaem uaem 4096 Sep 4 10:52 shab  
-rw-rw-r-- 1 uaem uaem 0 Oct 17 16:30 update.txt  
-rw-r--r-- 1 uaem uaem 94 Oct 16 16:31 usuarios.txt  
-rw-r--r-- 1 uaem uaem 185 Oct 16 16:31 usuarios_readable.txt  
uaem@DESKTOP-R3NKPLG: $ gpg -d cancion1.txt.gpg > jimy.txt  
gpg: encrypted with rsa3072 key, ID FD98ED76CA477047, created 2025-11-07  
"abi (trabajo en equipo) <abi@gmail.com>"  
uaem@DESKTOP-R3NKPLG: $ ls -l  
total 388  
-rw-r--r-- 1 uaem uaem 205 Oct 16 16:46 IDUNICO.txt  
-rw-r--r-- 1 root root 31 Nov 6 16:09 MyPer.txt  
-rw-r--r-- 1 root root 110 Nov 6 16:12 MyPer.txt.gpg  
-rwxr-xr-x 1 uaem uaem 587 Oct 30 15:54 RespSep24.sh  
-rw-r--r-- 1 uaem uaem 395 Sep 26 16:28 S025B.txt  
-rw-r--r-- 1 uaem uaem 395 Sep 26 16:37 ULtCon25B.txt  
-rw-r--r-- 1 root root 45 Nov 6 16:10 WePer.txt  
-rw-r--r-- 1 uaem uaem 122 Nov 6 16:21 WePer.txt.gpg  
-rw-r--r-- 1 uaem uaem 92747 Aug 22 07:55 'WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg'  
-rw-r--r-- 1 uaem uaem 61 Aug 22 07:55 'WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg:Zone.Identifier'  
-rw-r--r-- 1 root root 26 Nov 6 16:10 YourPer.txt  
-rw-r--r-- 1 uaem uaem 208 Nov 6 16:14 YourPer.txt.asc  
-rw-r--r-- 1 uaem uaem 2468 Nov 7 16:47 abikkey.asc  
-rwxr-xr-x 2 uaem uaem 4096 Nov 7 17:05 backupNov25  
-rw-r--r-- 1 root root 40 Nov 7 16:51 cancion.txt  
-rw-r--r-- 1 uaem uaem 520 Nov 7 16:59 cancion.txt.gpg  
-rw-r--r-- 1 uaem uaem 586 Nov 7 17:02 cancion1.txt.gpg  
-rw-r--r-- 1 uaem uaem 25 Nov 7 17:03 cancion1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 61 Aug 22 07:59 cartas.jpeg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 29075 Oct 10 15:02 comandos090ct25.txt  
-rwxr-xr-x 1 root root 2350 Oct 16 16:37 crear.sh  
-rw-rw-r-- 1 uaem uaem 464 Oct 17 16:02 cronCF.txt  
-rw-rw-r-- 1 uaem uaem 29 Oct 17 16:03 cronCF2.txt  
-rw-r--r-- 1 uaem uaem 78 Nov 6 15:48 documento.txt  
-rw-r--r-- 1 uaem uaem 265 Nov 6 15:54 documento.txt.asc  
-rw-r--r-- 1 root root 149 Nov 6 16:03 documento.txt.gpg  
-rw-r--r-- 1 uaem uaem 92 Sep 25 15:35 fonsaca.txt  
-rw-r--r-- 1 uaem uaem 27521 Nov 6 16:57 historial.txt  
-rw-r--r-- 1 uaem uaem 15 Oct 16 16:13 hola_mundo.txt  
-rw-r--r-- 1 uaem uaem 3029 Oct 3 16:38 iptables.rules
```