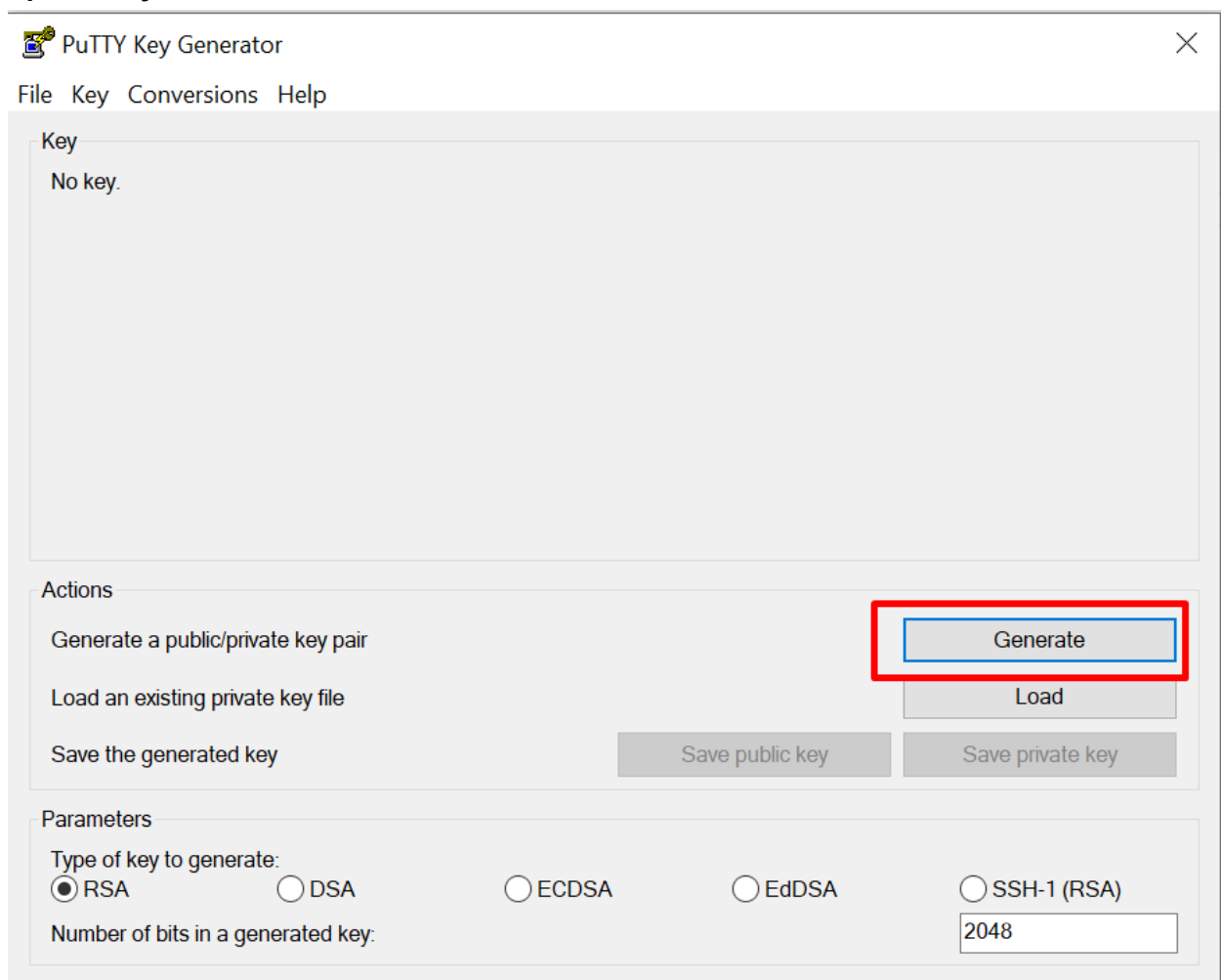


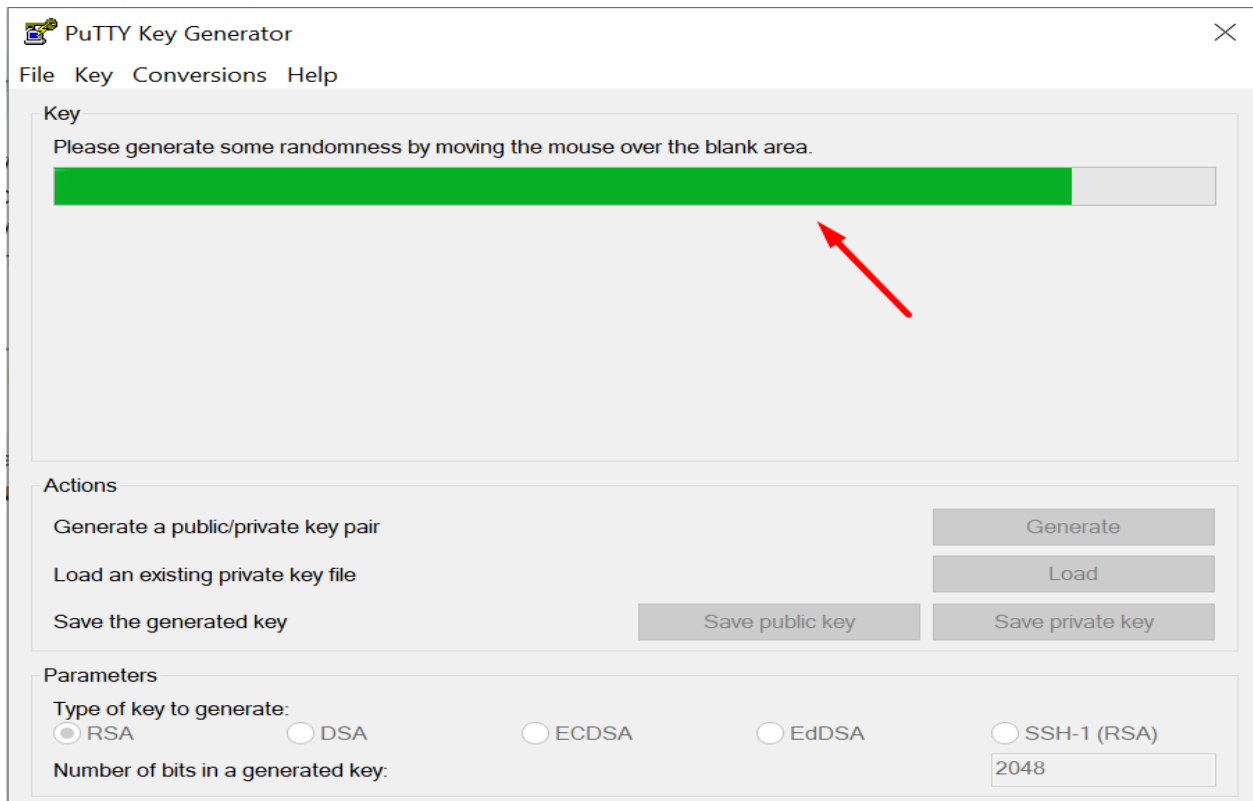
To change the passphrase of the existing user

- first go to puttygen
- click on generate
- give your new passphrase here
- save public key as a text file(.txt)
- save the private key also(this is the new ppk)
- copy the public key to the user authorized_keys
- save and quit
- try to login in with old and new credentials

Open PuttyGen and click on Generate



Scroll the mouse over the indicated area



PuTTY Key Generator

File Key Conversions Help

Key

Please generate some randomness by moving the mouse over the blank area.

Actions

Generate a public/private key pair Generate

Load an existing private key file Load

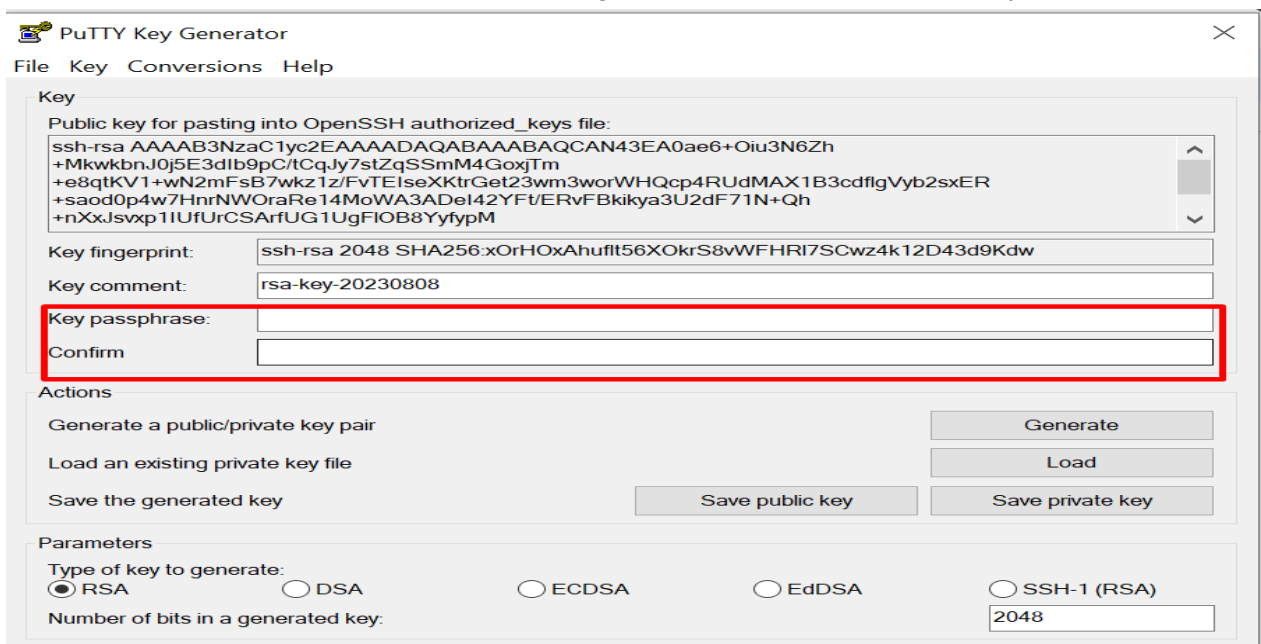
Save the generated key Save public key Save private key

Parameters

Type of key to generate: ☒ RSA ☐ DSA ☐ ECDSA ☐ EdDSA ☐ SSH-1 (RSA)

Number of bits in a generated key:

Enter the new passphrase here and confirm again and click on save public key



PuTTY Key Generator

File Key Conversions Help

Key

Public key for pasting into OpenSSH authorized_keys file:

```
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQCAN43EA0ae6+Oiu3N6Zh  
+MkwkbnJ0j5E3dlb9pC/tCqJy7stZqSSmM4GoxjTm  
+e8qtKV1+wN2mFsB7wkz1z/FvTElseXKtrGet23wm3worWHQcp4RUdMAX1B3cdfIlgVyb2sxER  
+saod0p4w7HnrNWOrare14MoWA3ADeI42YfT/ERvFBkikya3U2dF71N+Qh  
+nXxJsvxp1IUfUrCSArfUG1UgFIOB8YyfyPM
```

Key fingerprint:

Key comment:

Key passphrase:

Confirm:

Actions

Generate a public/private key pair Generate

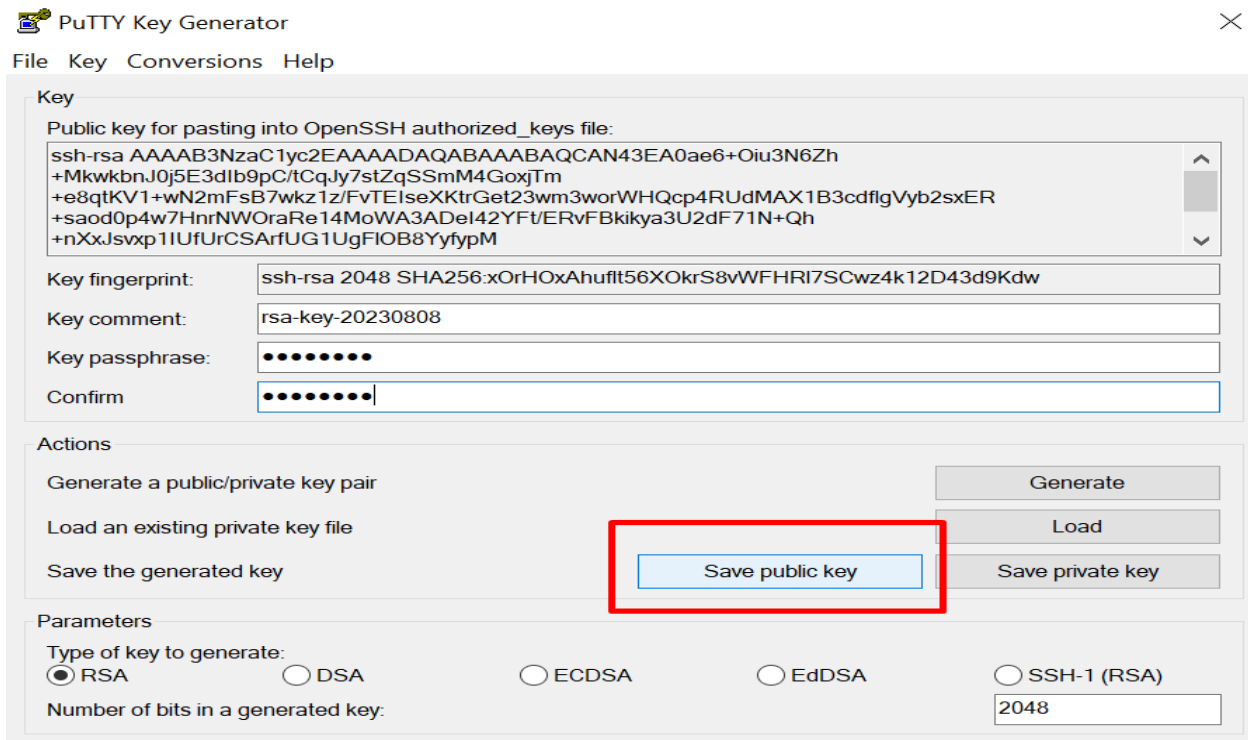
Load an existing private key file Load

Save the generated key Save public key Save private key

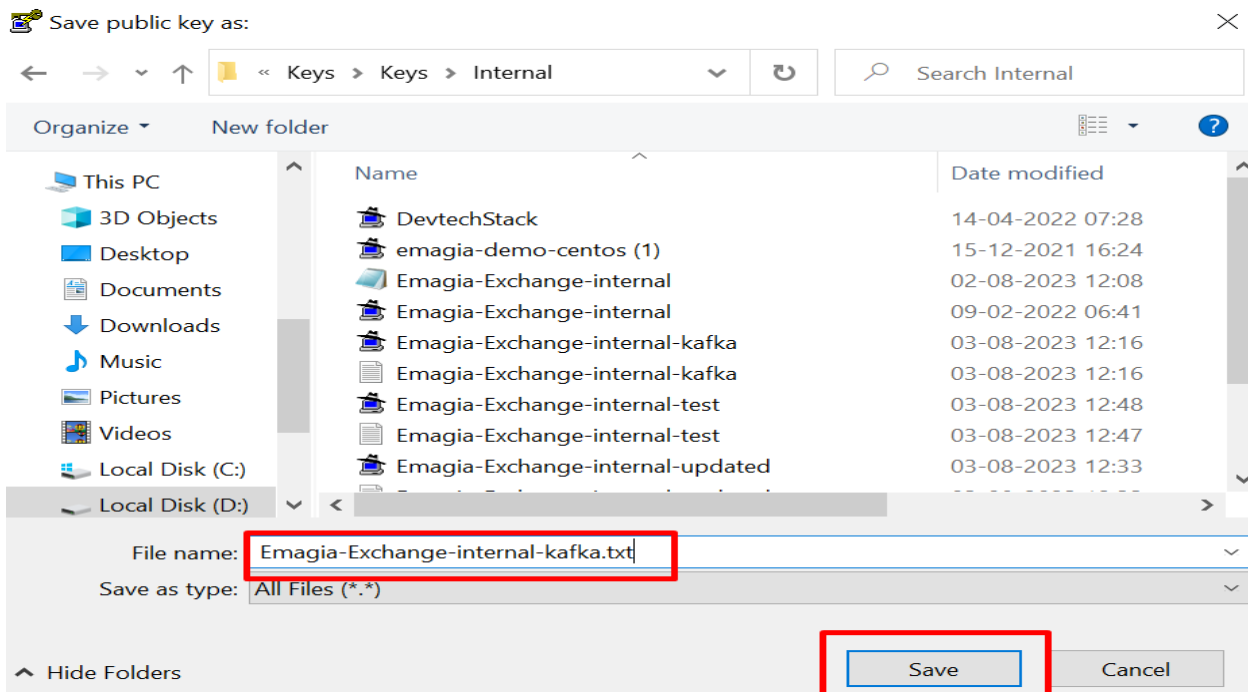
Parameters

Type of key to generate: ☒ RSA ☐ DSA ☐ ECDSA ☐ EdDSA ☐ SSH-1 (RSA)

Number of bits in a generated key:



Save the public key with the extension of .txt



Save the Private key for ppk file

PuTTY Key Generator ×

File Key Conversions Help

Key

Public key for pasting into OpenSSH authorized_keys file:

```
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQCA43EA0ae6+Oiu3N6Zh  
+MkwkbnJ0j5E3dlb9pC/tCqJy7stZqSSmM4GoxjTm  
+e8qtKV1+wN2mFsB7wkz1z/FvTElseXKtrGet23wm3worWHQcp4RUdMAX1B3cdflgVyb2sxER  
+saod0p4w7HnrNWOrare14MoWA3ADel42YFtERvFBkikya3U2dF71N+Qh  
+nXxJsvxp1UfUrCSArfUG1UgFIOB8YyfypM
```

Key fingerprint: ssh-rsa 2048 SHA256:xOrHOxAhufft56XOkRS8vWFHRI7SCwz4k12D43d9Kdw

Key comment: rsa-key-20230808

Key passphrase: ●●●●●●

Confirm: ●●●●●●

Actions

Generate a public/private key pair Generate

Load an existing private key file Load

Save the generated key Save public key **Save private key**

Parameters

Type of key to generate:

☒ RSA ☐ DSA ☐ ECDSA ☐ EdDSA ☐ SSH-1 (RSA)

Number of bits in a generated key: 2048

Save private key as: ×

← → ▾ ▴ 📁 « Keys » Keys » Internal ▾ ↺ 🔍 Search Internal

Organize ▾ New folder 📁 ?


	Name	Date modified
3D Objects	DevtechStack	14-04-2022 07:28
Desktop	emagia-demo-centos (1)	15-12-2021 16:24
Documents	Emagia-Exchange-internal	09-02-2022 06:41
Downloads	Emagia-Exchange-internal-kafka	03-08-2023 12:16
Music	Emagia-Exchange-internal-test	03-08-2023 12:48
Pictures	Emagia-Exchange-internal-updated	03-08-2023 12:33
Videos	IDC-Pentest	21-12-2022 22:45
Local Disk (C:)	IDC-UbuntuNew1406 (1)	15-12-2021 16:24
Local Disk (D:)		
HRD (H:)		

File name: **Emagia-Exchange-internal-kafka** ▾

Save as type: PuTTY Private Key Files (*.ppk) ▾

^ Hide Folders **Save** Cancel

Now open the public.key.txt file and copy the content as shown below

 Emagia-Exchange-internal-kafka - Notepad

File Edit Format View Help

----- BEGIN SSH2 PUBLIC KEY -----

Comment: "rsa-key-20230803"

```
AAAAB3NzaC1yc2EAAAADAQABAAQACxwZKvkc+2EVH6BWxXiG7n4HkSjKbGGv
7fmqzG8oheh19zPGd1l2snTy4ced/0HX5agXgOz8QZHboYzfQWCYq9MRuzWUY1s
3UAC1d8jhQSZhyvkepeQklQq8w1cHAsu64shol66i00dwznnE6MhgbaKr6wk+aoL
XPffIOT94paGzOI1VUyhHWf3IsLQGni8+vpONnq5yNyTqVyDBfUS81tD6uFzpv8J
FHVn3pPWXD4wLDdlrHnZYfw0YX2f0YzPRT9X1pird4SbZF9x2bS79gx77GFuTFMh
GXSJnKnWyxJbeDh2RmcUqunEC4oPb9KEef1Q82XkODHjPSPQk8xj
```

----- END SSH2 PUBLIC KEY -----

Go to the authorized_keys file as shown below and paste the public key here

```
$ sudo -i
root@ip-10-30-1-87:~# cd /home/
root@ip-10-30-1-87:/home# ls
Emagia_Exchange  kafka  ssm-user  ubuntu
root@ip-10-30-1-87:/home# su Emagia_Exchange
Emagia_Exchange@ip-10-30-1-87:/home$ cd
Emagia_Exchange@ip-10-30-1-87:~$ cd .ssh
Emagia_Exchange@ip-10-30-1-87:~/.ssh$ ls
authorized_keys  authorized_keys_bkp
Emagia_Exchange@ip-10-30-1-87:~/.ssh$ vi authorized_keys
```

Save and quit the file.

```
# ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQACxwZKvkc+2EVH6BWxXiG7n4HkSjKbGGv7fmqzG8oheh19zPGd1l2snTy4ced/0HX5agXgOz8QZHboYzfQWCYq9MRuzWUY1s3UAC1d8jh
QSZhyvkepeQklQq8w1cHAsu64shol66i00dwznnE6MhgbaKr6wk+aoLXPffIOT94paGzOI1VUyhHWf3IsLQGni8+vpONnq5yNyTqVyDBfUS81tD6uFzpv8JFHVn3pPWXD4wLDdlrHnZYfw0YX
2f0YzPRT9X1pird4SbZF9x2bS79gx77GFuTFMhGXSJnKnWyxJbeDh2RmcUqunEC4oPb9KEef1Q82XkODHjPSPQk8xj
~
~
~
~
```

Now Try to login using the new passphrase and ppk file. Also try to login with old ppk and passphrase also. It is not possible to login using old credentials now.