To convert a .pem file to a .ppk file, which is required for PuTTY to connect to an AWS EC2 instance, follow these steps:

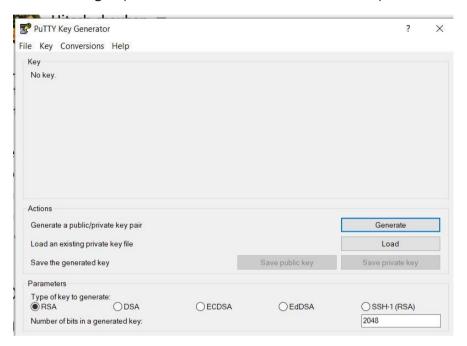
Step 1: Install PuTTY and PuTTYgen

Download PuTTY:

Go to the <u>PuTTY</u> official website and download PuTTY and <u>PuTTYgen</u> for your operating system.

Install both tools.

Install PuTTYgen (comes with PuTTY in most installations).

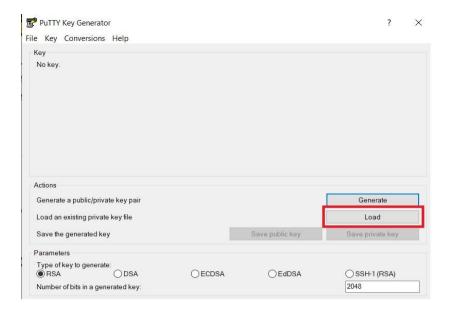


Step 2: Launch PuTTYgen

Open PuTTYgen.

On Windows: Search for "PuTTYgen" in the Start menu.

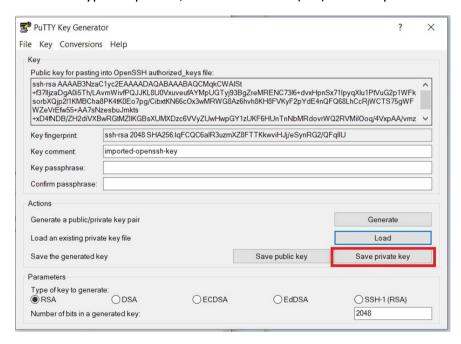
On macOS/Linux: Run puttygen from the terminal if installed.



Select the "Load" button to import the .pem file.

Step 3: Load Your .pem File

In the file type dropdown, choose "All Files (*.*)" to see .pem files.



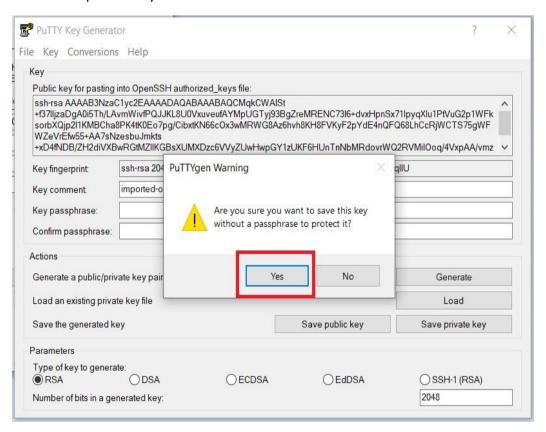
Locate your .pem file and select it.

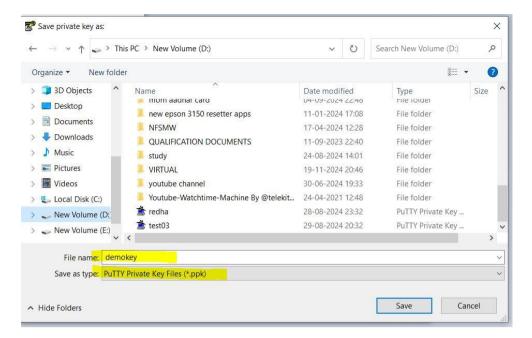
If the file is valid, you'll see a message: "Successfully imported foreign key."

Key	011 11 51				
+f37lljzaDgA0i5Th/LAvmWivfPQ	SH aumonzed_keys nie: AADAQABAAABAQCMqkCWAIS: JJKL8U0VxuveufAYMpUGTyj93E 7 7 7	gZreMRENC73I6+dvxHpnSx			^
+xD4fNDB/ZH2diVXBwRGtMJ p	OdfNDB/ZH2diVXBwRGtM. / fingerprint ssh-rsz / comment import / passphrase: Successfully imported foreign key (OpenSSH SSH-2 private key (old PEM format)). To use this key with PuTTY, you need to use the "Save private key" command to save it in PuTTY's own format.		×	/MilOoq/4VxpAA/vmz	~
ney inigerprine					
Generate a public/private key		2.1		Generate	
Load an existing private key fi		ОК		Load	
Save the generated key		Save public key		Save private key	
Parameters					
Type of key to generate: RSA DSA	OECDSA	○EdDSA		SSH-1 (RSA)	

Step 4: Save the Private Key as .ppk

Click "Save private key."





When prompted, choose whether to set a passphrase for added security (optional). Save the file with a .ppk extension in a secure location.

Step 5: Use the .ppk File in PuTTY

Open PuTTY and navigate to Connection > SSH > Auth in the left menu.

Under "Private key file for authentication," browse and select your .ppk file.

Enter the Public IP of your AWS EC2 instance in PuTTY and connect.