

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

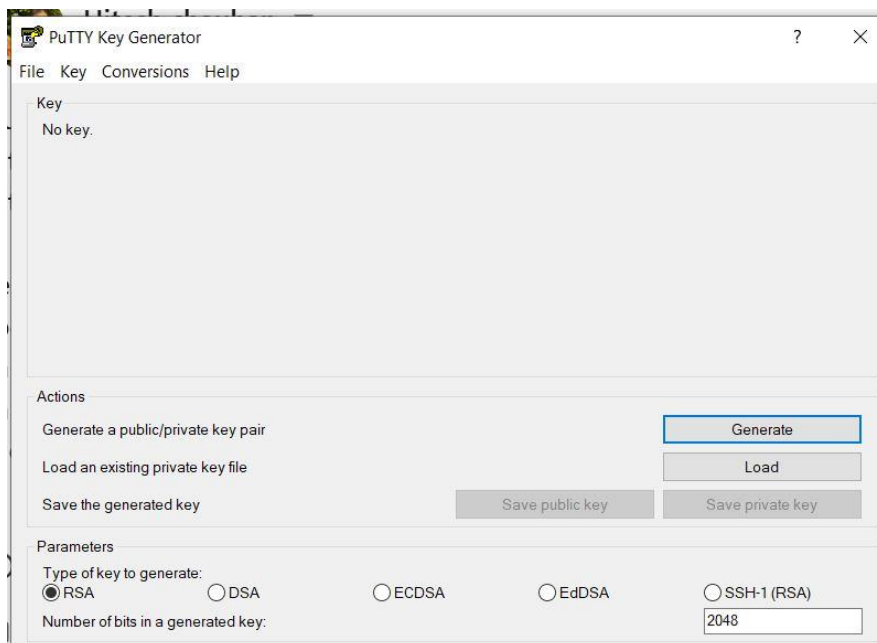
Step 1: Install PuTTY and PuTTYgen

Download PuTTY:

Go to the [PuTTY](https://www.putty.org/) official website and download PuTTY and [PuTTYgen](https://www.putty.org/puttygen.exe) for your operating system.

Install both tools.

Install PuTTYgen (comes with PuTTY in most installations).

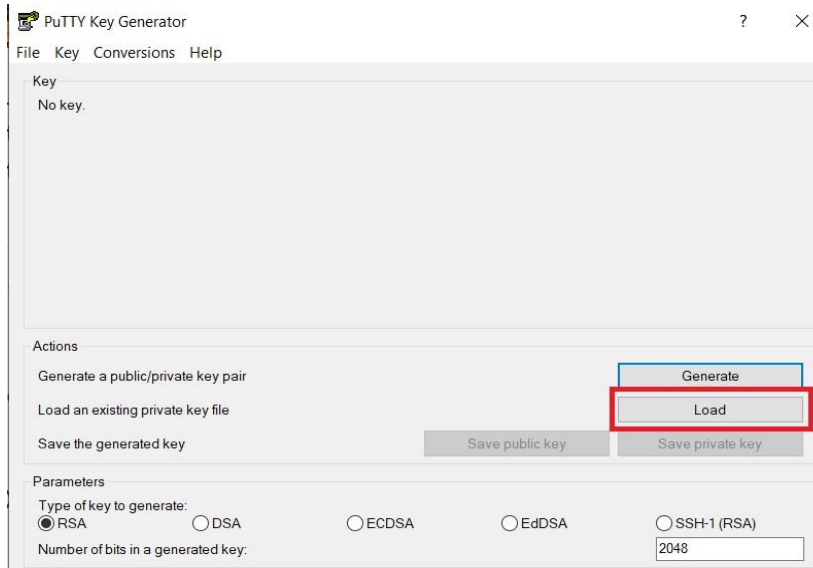


Step 2: Launch PuTTYgen

Open PuTTYgen.

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

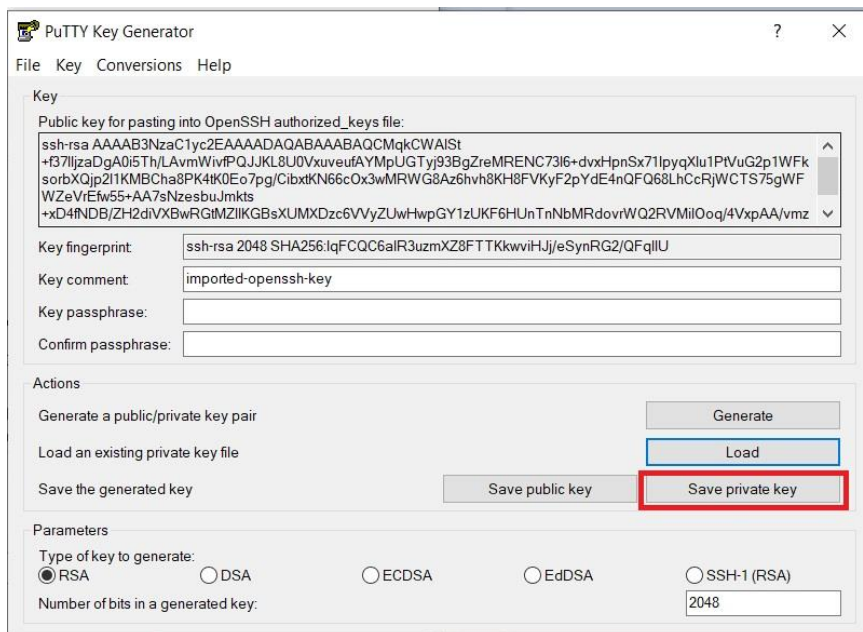
On macOS/Linux: Run puttygen from the terminal if installed.



Select the “Load” button to import the .pem file.

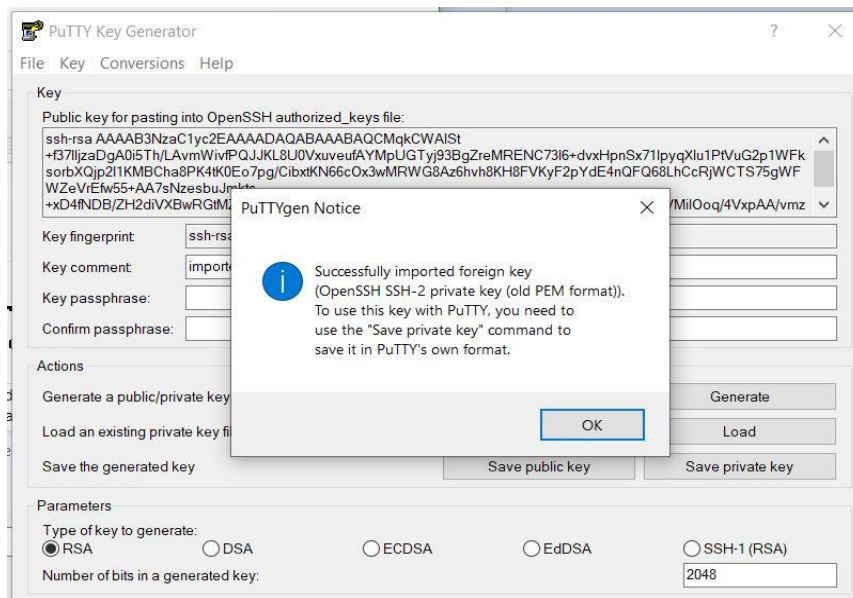
### Step 3: Load Your .pem File

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



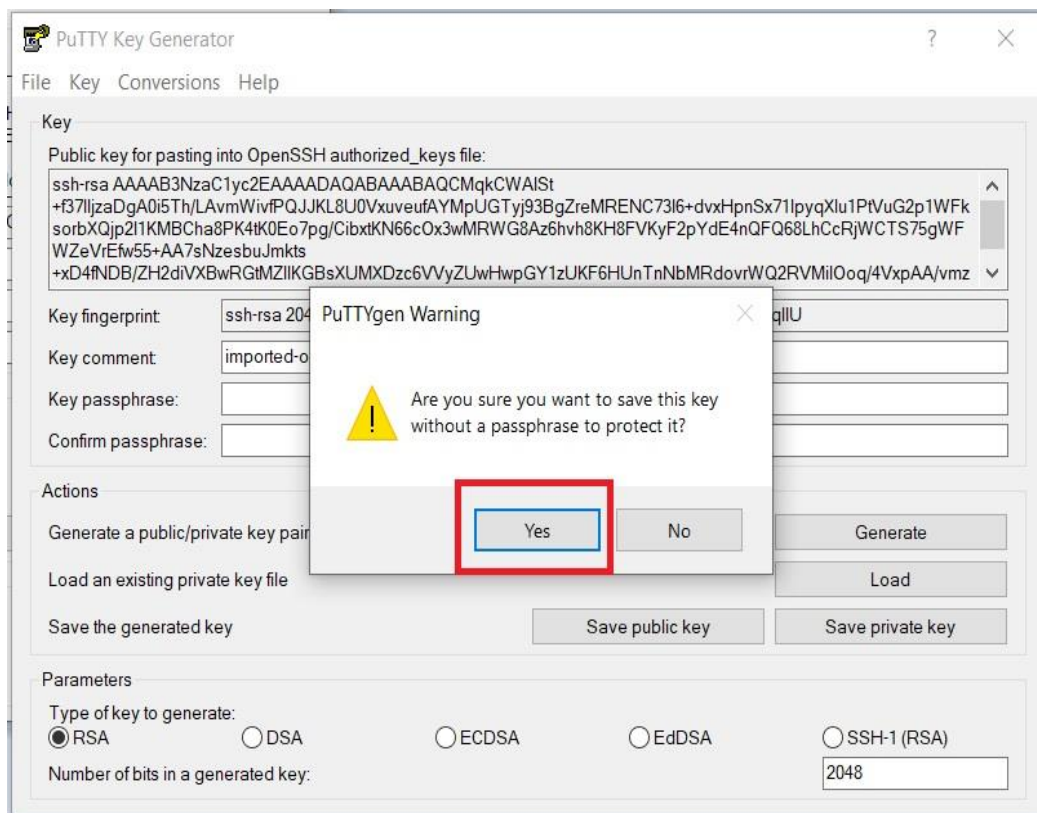
Locate your .pem file and select it.

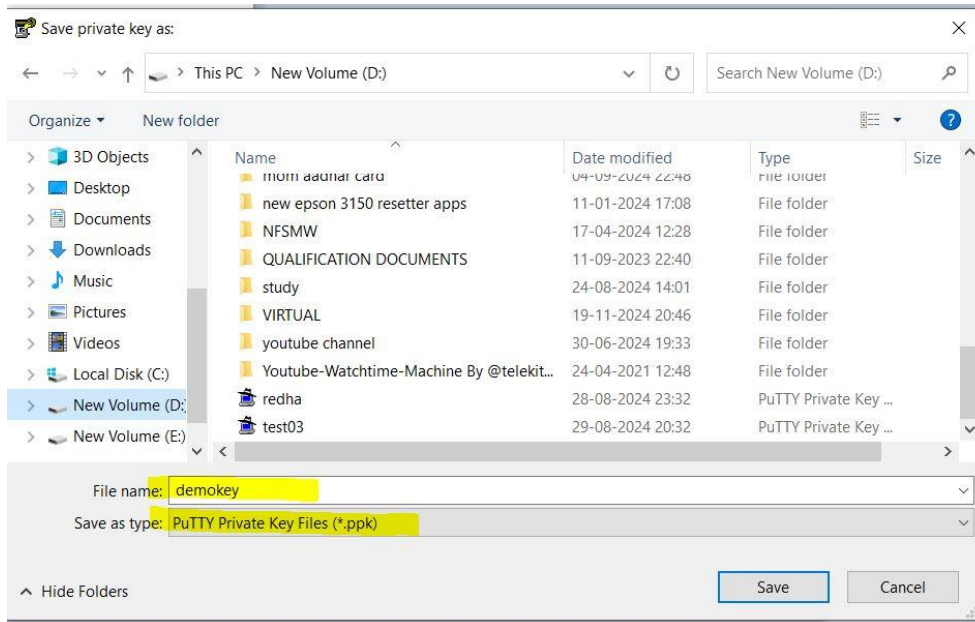
If the file is valid, you’ll see a message: “Successfully imported foreign key.”



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.