

PuTTY key generator

PuTTYgen is the PuTTY key generator. You can load in an existing private key and change your passphrase or generate a new public/private key pair.

Change Password for Existing Private Key

You can change the password of your SSH key with “PuTTY Key Generator”. Make sure to backup the key.

- Load your private key file with *Load* button.
- Enter your current passphrase.
- Change key passphrase.
- Confirm key passphrase.
- Save your private key with *Save private key* button.

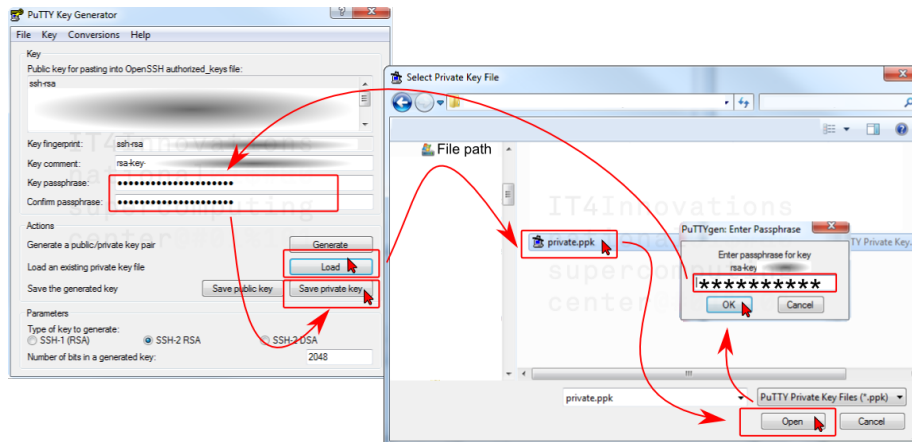


Figure 1:

Generate a New Public/Private key (id_rsa/id_rsa.ppk): 600 (-rw-----) pair

You can generate an additional public/private key pair and insert public key into authorized_keys file for authentication with your own private key.

- Start with *Generate* button.
- Generate some randomness.

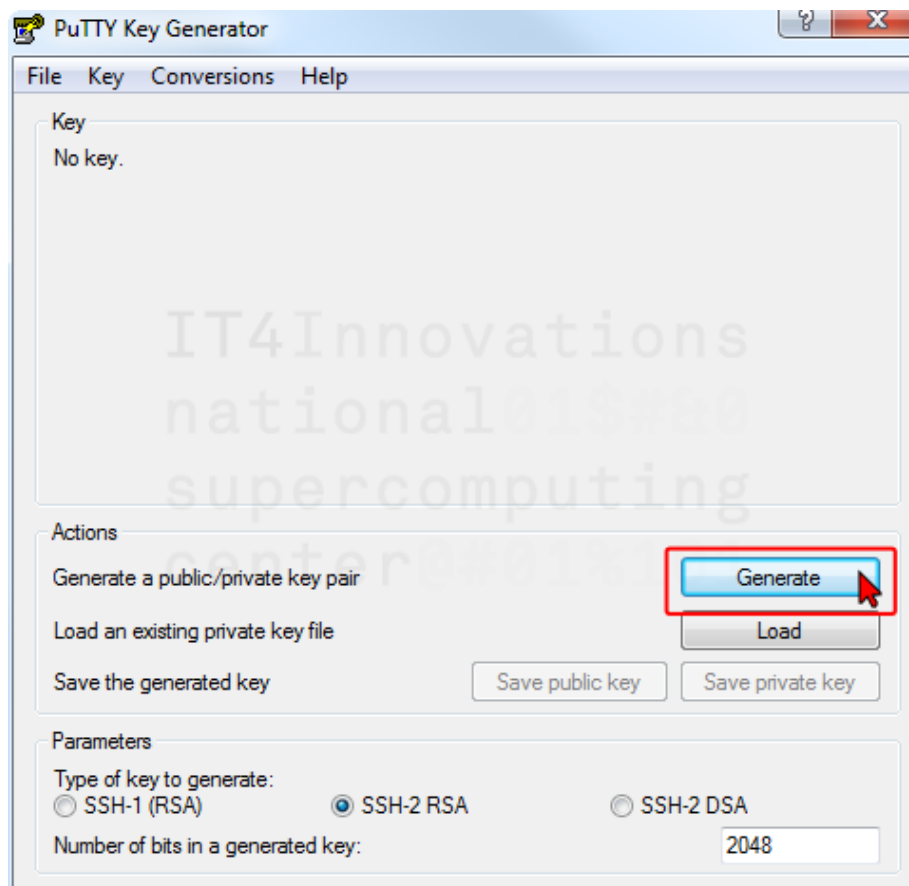


Figure 2:

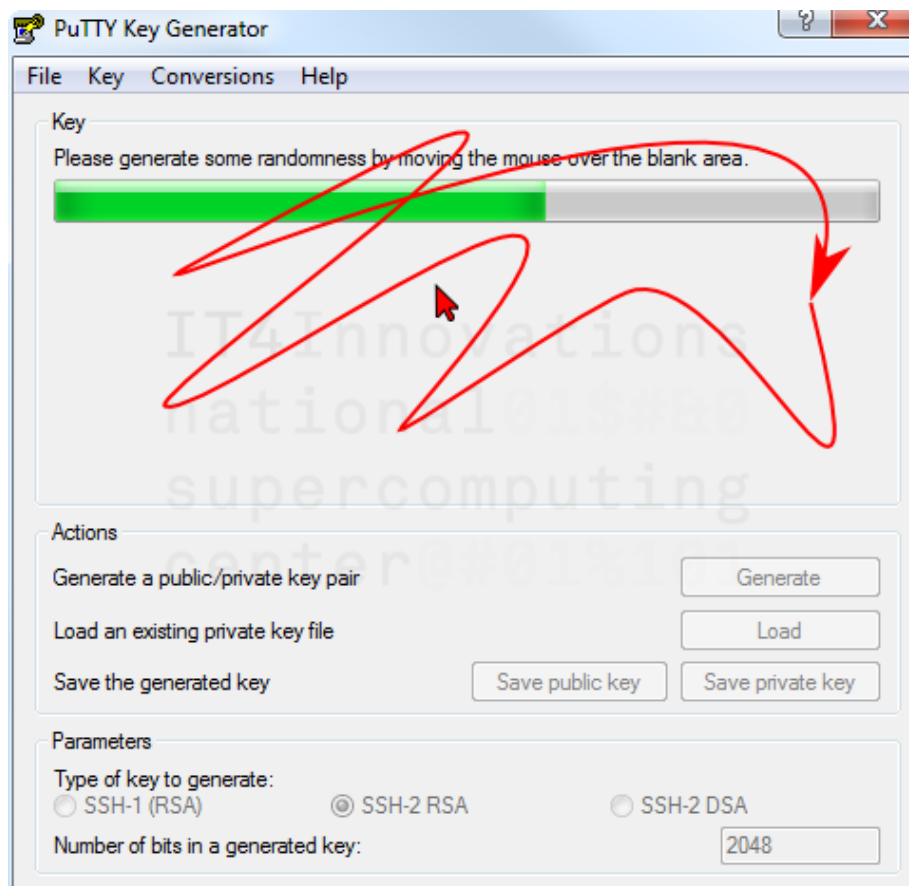


Figure 3:

- Wait.

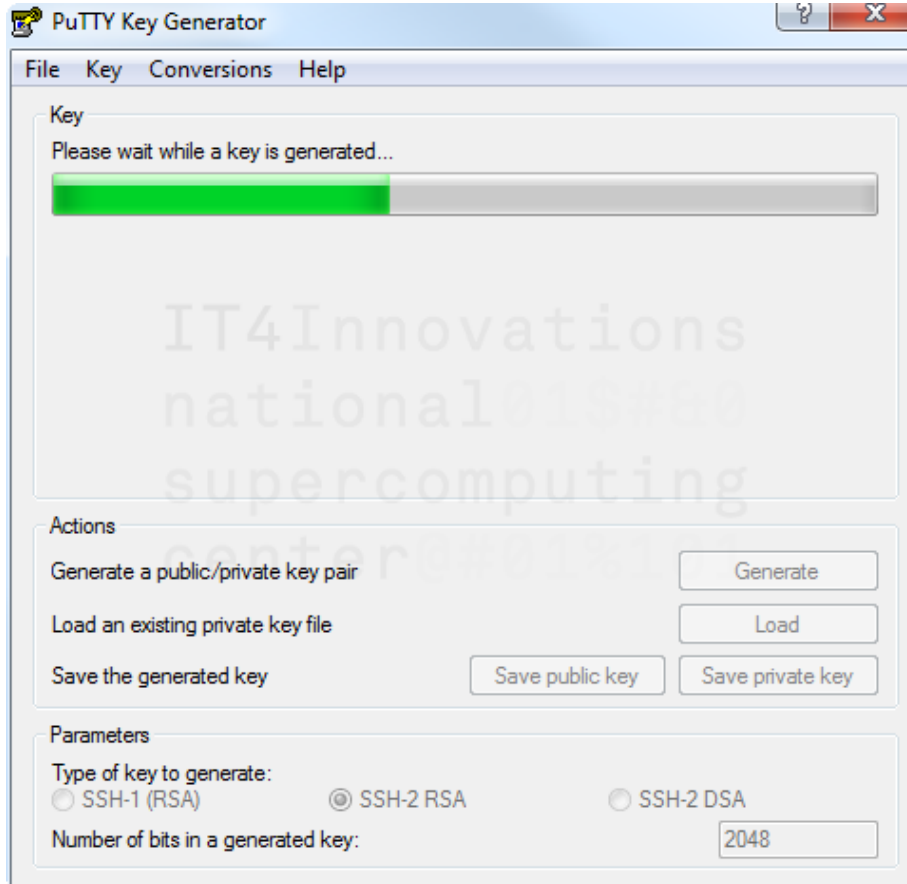


Figure 4:

- Enter a *comment* for your key using format ‘username@organization.example.com’. Enter key passphrase. Confirm key passphrase. Save your new private key in “*.ppk” format with *Save private key* button.
- Save the public key with *Save public key* button. You can copy public key out of the ‘Public key for pasting into authorized_keys file’ box.
- Export private key in OpenSSH format “id_rsa” using Conversion -> Export OpenSSH key
- Now you can insert additional public key into authorized_keys file for authentication with your own private key. You must log in using ssh key received after registration. Then proceed to How to add your own key.

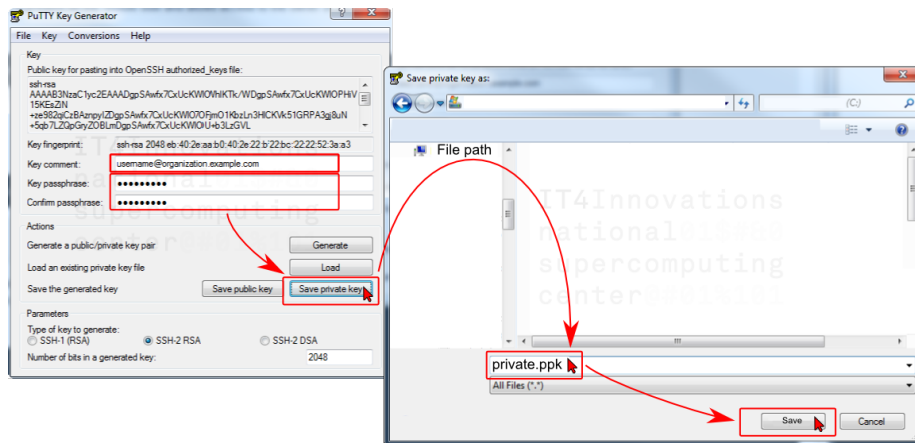


Figure 5:

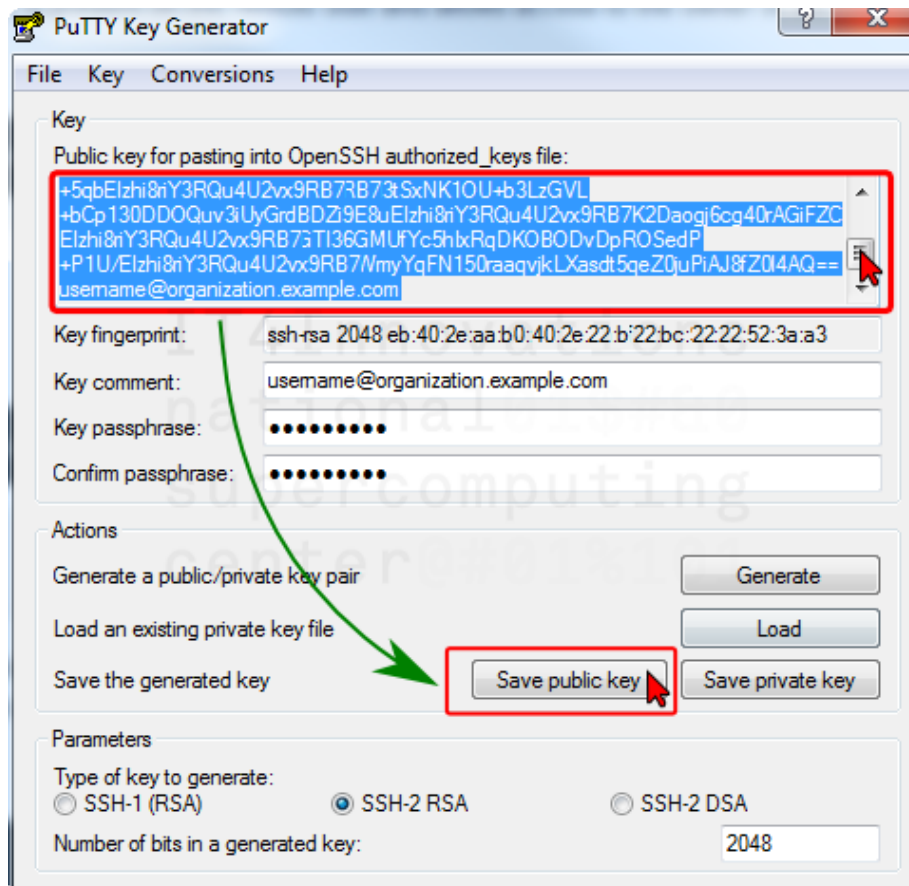


Figure 6:

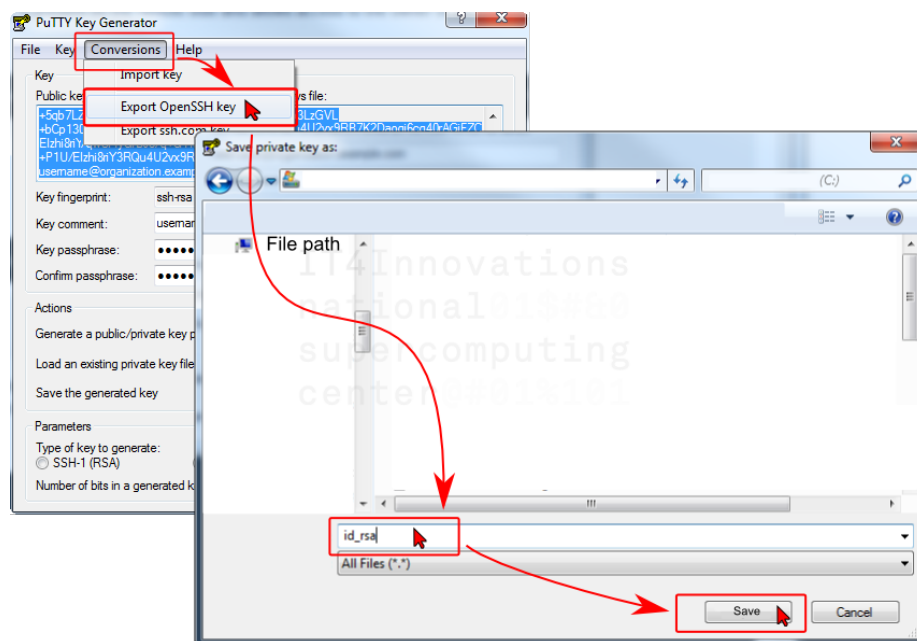


Figure 7: