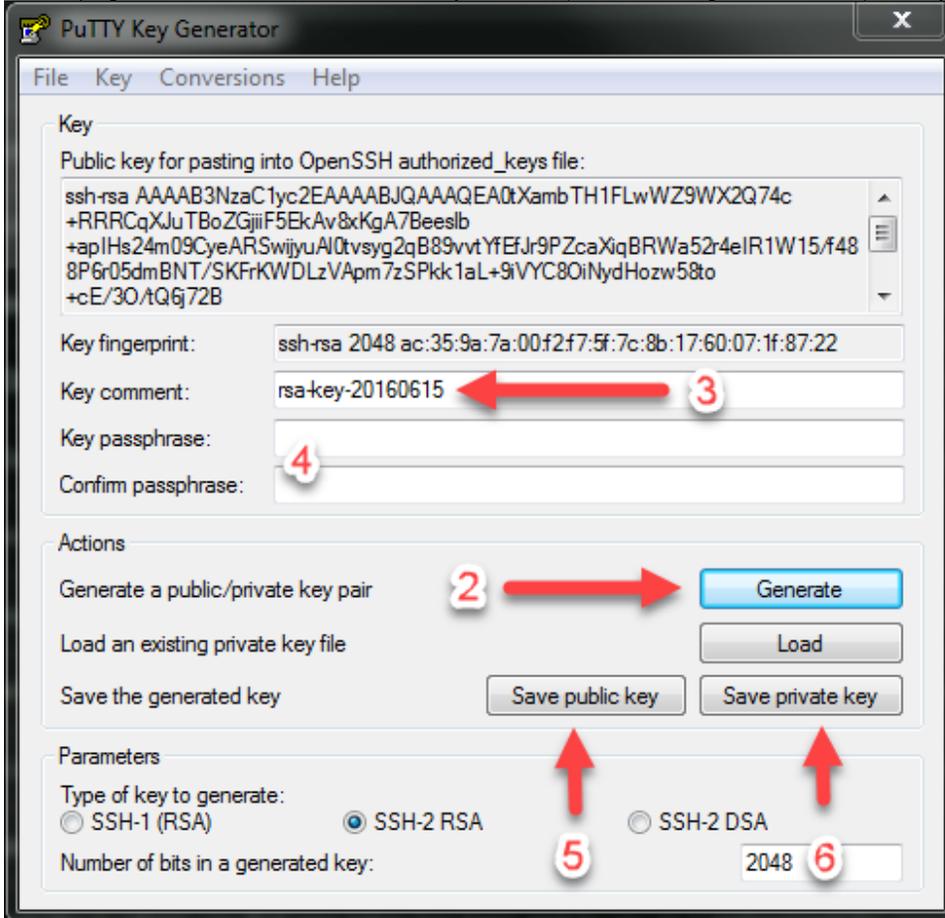


# SSH Key

- [Generating a SSH Key in a Windows](#)
- [Generating a SSH key on Linux](#)
- [Converting SSH Keys to PPK Format](#)
- [SSH Keys converting to PPK Format](#)

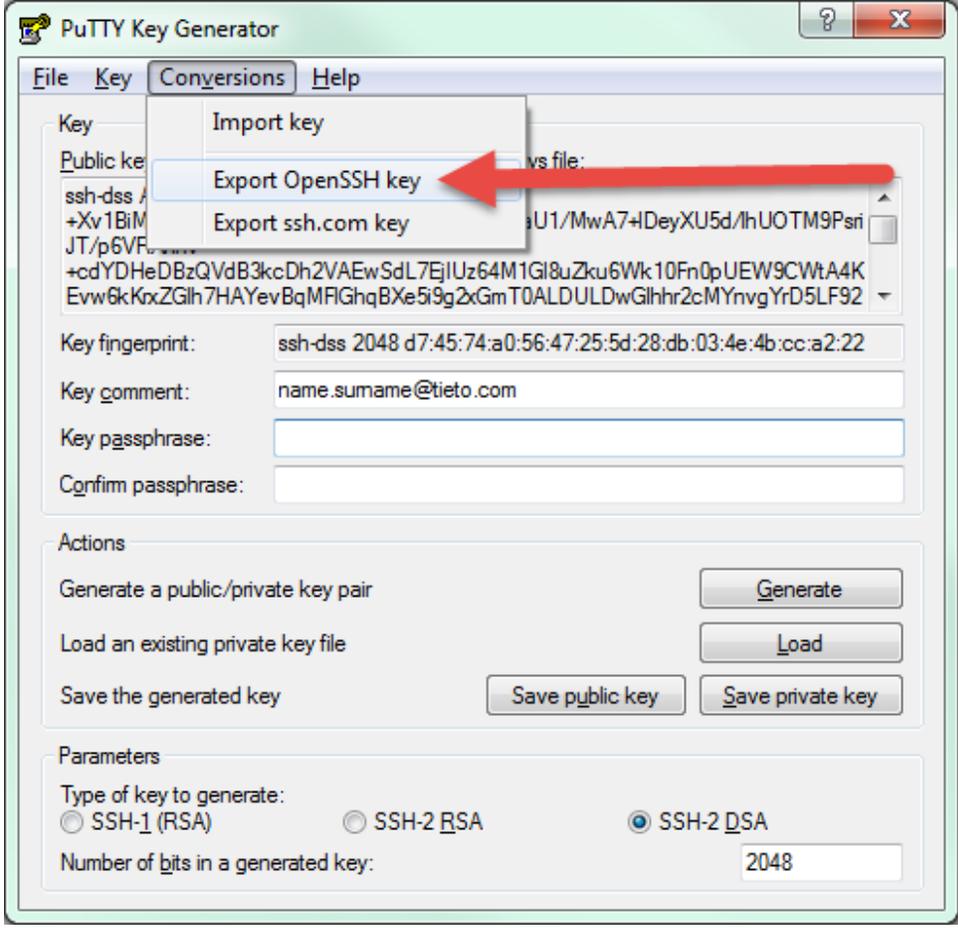
## Generating a SSH Key in a Windows

1. Download Putty Key Generator
2. Run the program and click on **Generate** and move your mouse (within the SSH generator window) until key is generated

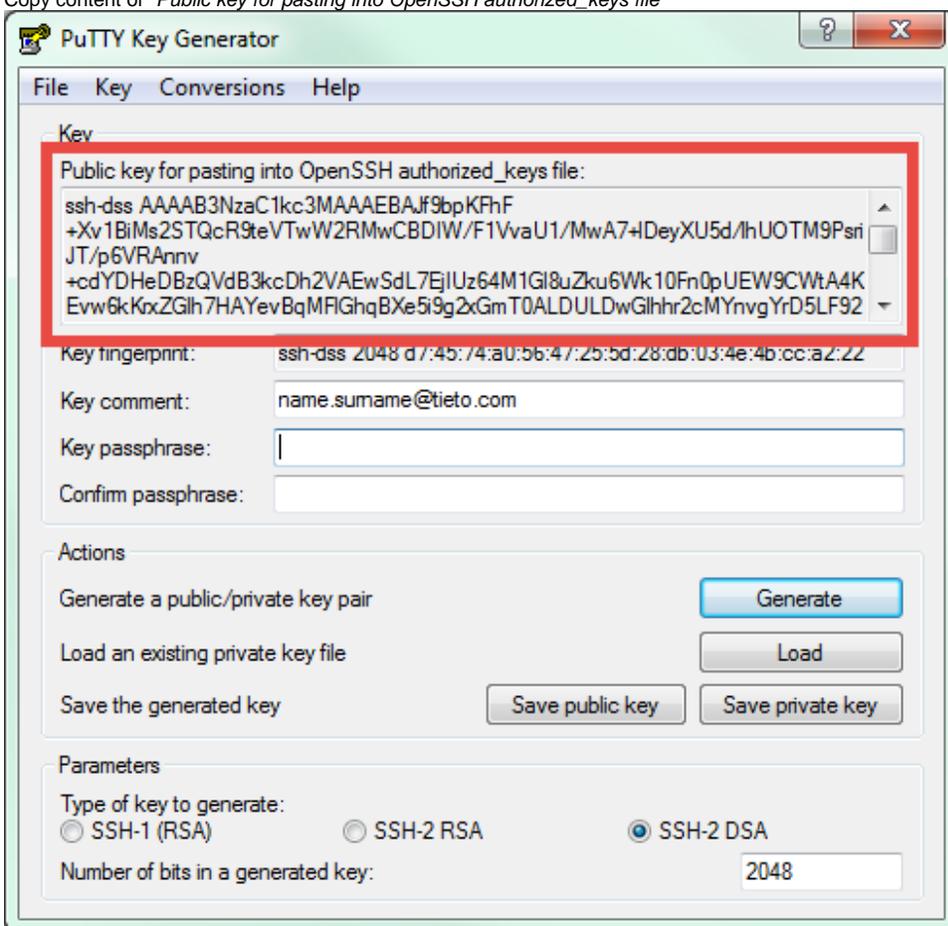


3. Change *Key comment* to your Tieto email address in format [name.surname@tieto.com](mailto:yourname.surname@tieto.com)
4. Optional: fill *Key passphrase* and confirm passphrase if you need one.  
*If you skip this step then you need to confirm that you want to save the keys without passphrase in the next steps.*
5. Save public key as **id\_rsa.pub**
6. Save private key as **id\_rsa.ppk**

7. From the top menu in Conversions select Export OpenSSH Key and save it as *id\_rsa*  
Note that id\_rsa.pub is your public key and can be shared, while id\_rsa is **your private key and should be kept secret**.



8. Copy content of "Public key for pasting into OpenSSH authorized\_keys file"



9. Go to the Portal and click on you name and then on SSH and then click on **Add or change key**
10. Paste copied key from the step 8. Click on the **Save** button.

SSH key must be in the following format: **[key-type] [key] [user-identifier]**

**[key-type]** use *ssh-rsa*

**[key]** is the public key

**[user-identifier]** is your email address in format *name.surname@tieto.com*

Make sure not to include any "ENTER" or SPACE key between the portions of the inserted text.

## Generating a SSH key on Linux

1. From the Terminal or Git Bash, run `ssh-keygen`
2. Confirm the default path `~/.ssh/id_rsa`
3. Enter a passphrase (recommended) or leave it blank.  
Remember this passphrase, as you will need it to unlock the key whenever you use it.
4. Open `~/.ssh/id_rsa.pub` and copy & paste the contents into the box below, then click on "Add".  
Note that `id_rsa.pub` is your public key and can be shared, while `id_rsa` is **your private key and should be kept secret**.
5. Go to TDS portal and click on your name and then in left menu on SSH and then on **Add or change key**
6. Paste the SSH key and click on the **Save** button.

Once you upload an SSH key it will be used on newly created server for authentication.

SSH key must be in the following format: **[key-type] [key] [user-identifier]**

**[key-type]** use *ssh-rsa*

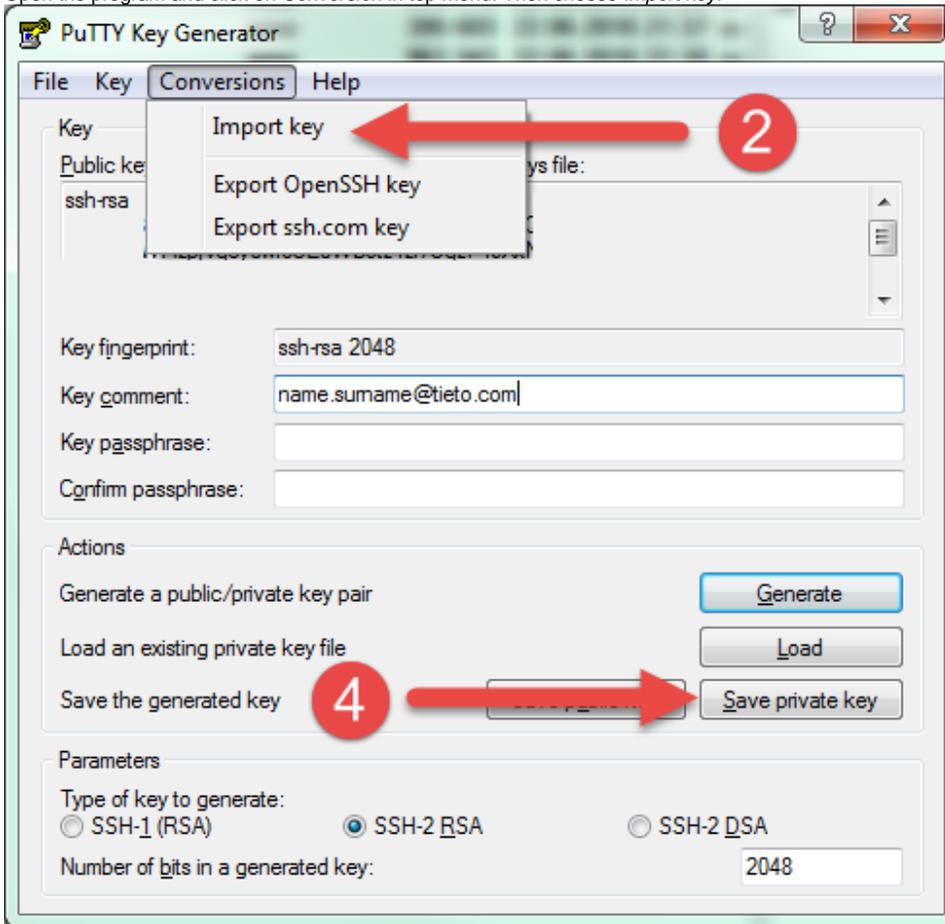
**[key]** is the public key

**[user-identifier]** is your email address in format *name.surname@tieto.com*

Make sure not to include any "ENTER" a SPACE keys between the portions of the inserted text.

## Converting SSH Keys to PPK Format

1. [Download PuTTY Key Generator](#)
2. Open the program and click on *Conversion* in top menu. Then choose *Import key*.

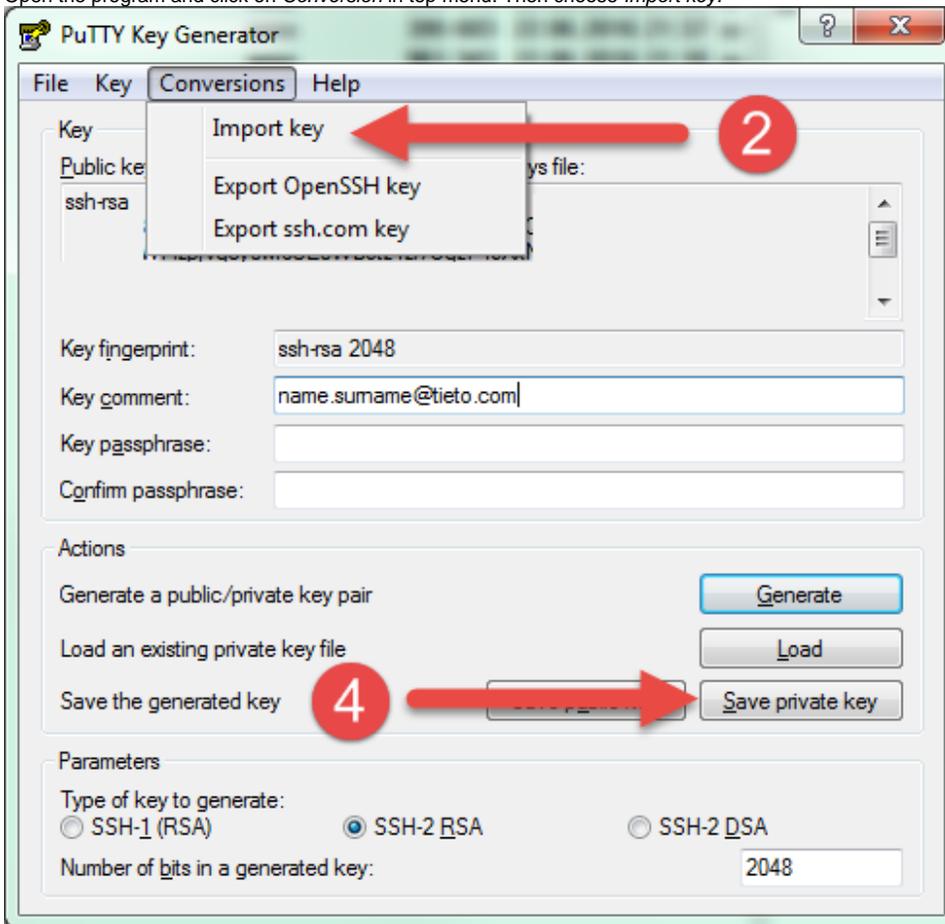


3. Locate your key in your computer and click open.
4. Once the key is loaded, you can save it as PPK file by clicking on **Save Private Key** or on **Save Public Key** if you want public version of your key.

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1. [Download PuTTY Key Generator](#)

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