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1. Introduction

Our SFTP Server **XFERCOM.riziv.fgov.be** requires the use of a Key pair to authenticate the users

Following this procedure, you will be able to generate a key pair.

- The Public key part will be installed on our server.
- The Private key part will be used in your client software (Filezilla, Winscp,..)

2. Pre-requisites

In order to complete this procedure, you will need the following :

- Putty Key Generator software (PuttyGen) . It's part of the Putty software bundle
  You can download it from https://www.puttygen.com/download-putty

3. Procedure

3.1. Accepted Key type and format

The accepted key types are the following :

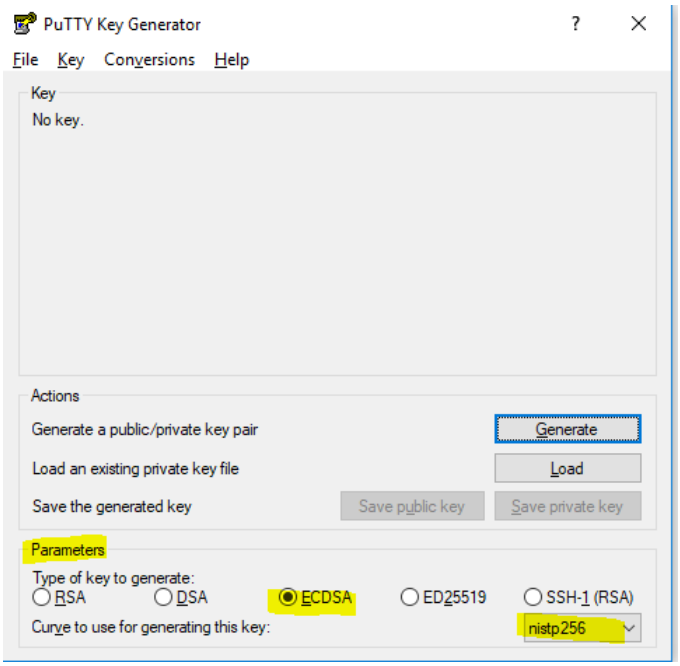
- RSA 2048 / 4096
- DSA 2048 / 4096
- ECDSA NISTP256/NISTP384/NISTP521 **(preferred)**

The format of the key generated by putty is PPK.

Note: The PPK format is accepted by FileZilla Client and WinSCP.
If you are using another SFTP client, you should convert it to the desired format (ie: pem)

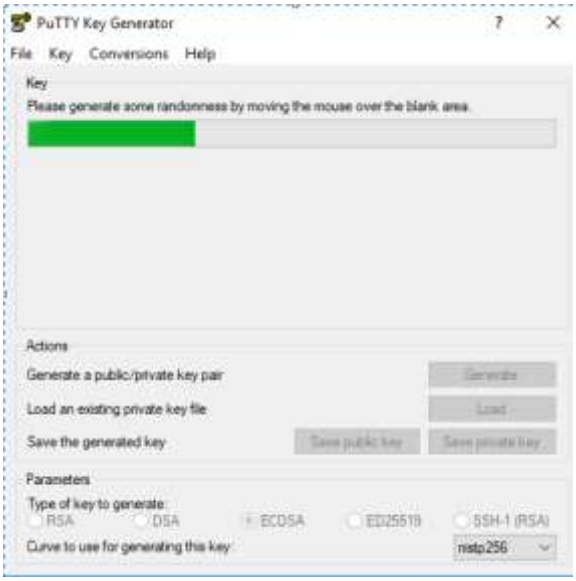
3.2. Generating the key pair using PuttyGen

- Start PuttyGen

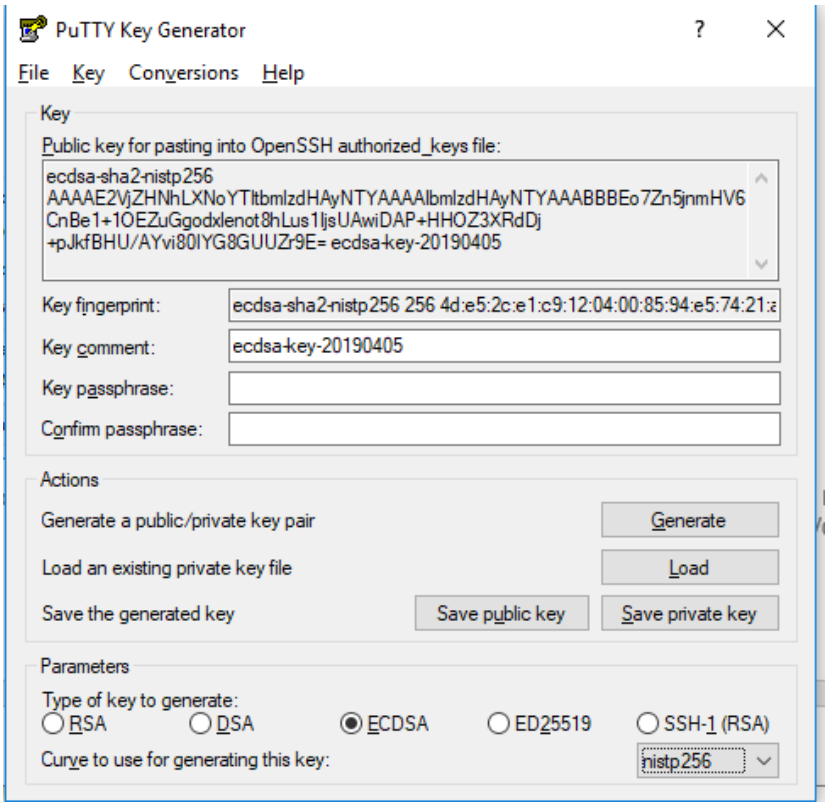


- From Parameters, select the key format
- Click on **Generate**

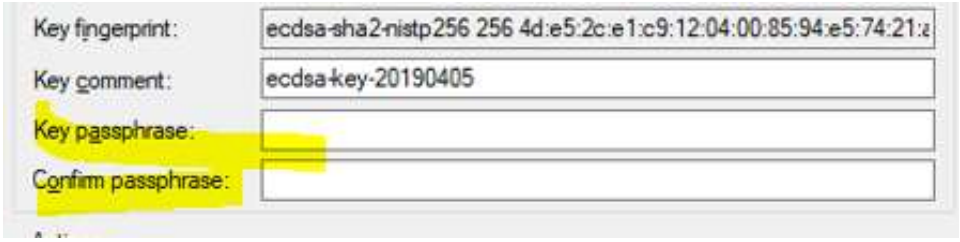
  Note: You have to move your mouse over the blank area for the key to be generated

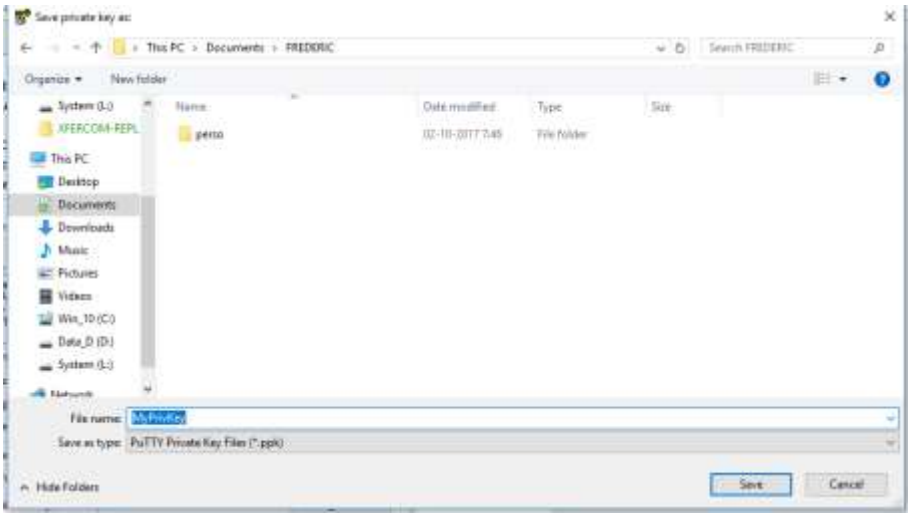


- Once your key is generated, the following screen is displayed



- Save you public key by clicking on **Save Public Key** button.
- enter a key passphrase and confirm it before clicking on **Save Private Key** button





- Click on Save
- You have now generated a key pair.

3.3. Next Step

- The **public Key** will have to be sent to RIZIV Network&Telecom by mail at network.ict@riziv-inami.fgov.be

- Your private key will be used on your client computer to establish the connection to our SFTP Server**. Please keep it in a safe place.**

  Important notes :
  If the private key is lost or compromised, you won't be able to connect to the xfercom server anymore. In this case, please contact RIZIV as soon as possible.

3.4. Troubleshooting

- Please refer to your ICT Service first
- If you are not able to solve your problem, please contact our Service desk
  - helpdesk@riziv-inami.fgov.be
  - Phone : 02/739.74.74

You should provide a screenshot of your configuration and a screenshot of the error.