

Step-by-step guide to generate private and public key

1. Download Cygwin
<https://cygwin.com/install.html>

2. Run Cygwin's setup.exe file



5. Enter command `ssh-keygen -trsa -b4096`

```
Foncka@QHSL30377 ~
$ ssh-keygen -trsa -b4096
Generating public/private rsa key pair.
Enter file in which to save the key (/home/Foncka/.ssh/id_rsa):
```

NO PASSPHRASE

6. You will receive notification that identification and public key has been saved. Example below :

```
E ~

Foncka@QHSL30377 ~
$ ssh-keygen -trsa -b4096
Generating public/private rsa key pair.
Enter file in which to save the key (/home/Foncka/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/Foncka/.ssh/id_rsa.
Your public key has been saved in /home/Foncka/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:6oY1vJjUqQ+LdsjEG0j6gRw2GcOfRox3iTU+JJUbLUE Foncka@QHSL30377
The key's randomart image is:
+---[RSA 4096]---+
| . o.=E=
| = +*..
| B oo+
| * + ..
| =++ o .S
| +.= . *.
| + *.*.o
| *. *+o
| ....oo
+---[SHA256]---+
Foncka@QHSL30377 ~
$
```

→ the .pub file needs to be send towards Proagrca so that sysadmin people can add it onto the AWS server. The customer needs to keep private key onto his server when connecting to Proagrca AWS server. The keys will be the handshake during connection.

Example where to find the keys on a Windows machine :

