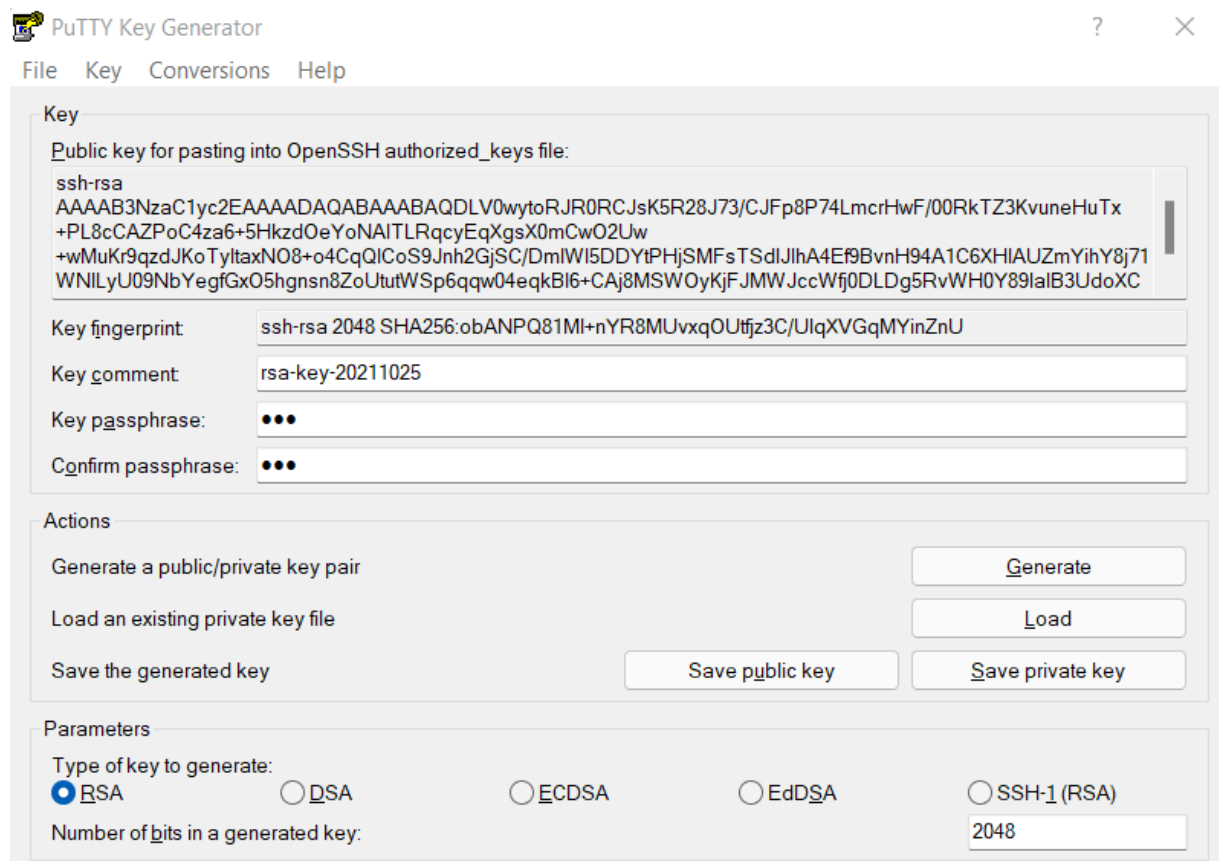


Aneta Prządka,

Nr indeksu 227164

Wykonano następujące punkty:

- Zainstalowanie środowiska Ubuntu w wersji 18.04.6.
- Stworzenie kluczy SSH poprzez puttygen.exe



- Skopiowanie kluczy do środowiska Ubuntu

```
aneta@aneta-VirtualBox:~$ chmod 0700 ~/.ssh
aneta@aneta-VirtualBox:~$ touch ~/.ssh/authorized_keys
aneta@aneta-VirtualBox:~$ chmod 0644 ~/.ssh/authorized_keys
aneta@aneta-VirtualBox:~$ sudo vim ~/.ssh/authorized_keys
```

```
mkdir ~/.ssh
```

```
chmod 0700 ~/.ssh
```

```
touch ~/.ssh/authorized_keys
```

```
chmod 0644 ~/.ssh/authorized_keys
```

```
sudo vim ~/.ssh/authorized_keys
```

```
sudo systemctl enable ssh
```

```
sudo systemctl start ssh
```

- Nastąpiło połączenie Windowsa z serwerem Ubuntu poprzez ssh

```
PS C:\Users\aneta> ssh aneta@127.0.0.1 -p 22
The authenticity of host '127.0.0.1 (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:/hzDDfi6su8BXENrNmnduqnrVi6FYf8tNFCqQi0lv0.
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '127.0.0.1' (ECDSA) to the list of known hosts.
aneta@127.0.0.1's password:
Permission denied, please try again.
aneta@127.0.0.1's password:
Welcome to Ubuntu 18.04.6 LTS (GNU/Linux 5.4.0-89-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

0 updates can be applied immediately.

Your Hardware Enablement Stack (HWE) is supported until April 2023.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
```

- Zainstalowano dockera

```
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo
apt-key add -
```

```
sudo apt-key fingerprint 0EBFCD88
```

```
sudo add-apt-repository \
```

```
sudo apt-get install docker-ce docker-ce-cli containerd.io
```

```
apt-cache madison docker-ce
```

```
sudo apt install docker.io
```

```
sudo systemctl enable --now docker
```

```
sudo usermod -aG docker aneta
```

```
docker -version
```

```
sudo docker run hello-world
```

```
aneta@aneta-VirtualBox:~$ sudo docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
   (amd64)
3. The Docker daemon created a new container from that image which runs the
   executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it
   to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/
```

- Zainstalowanie Jenkinsa

```
wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io.key
| sudo apt-key add -
```

```
sudo sh -c 'echo deb http://pkg.jenkins.io/debian-stable binary/
> /etc/apt/sources.list.d/jenkins.list'
```

```
sudo apt update
```

```
sudo apt install openjdk-8-jdk
```

```
sudo apt install Jenkins
```

```
sudo systemctl start jenkins
```

```
sudo systemctl status Jenkins
```

```
aneta@aneta-VirtualBox:~$ sudo systemctl start jenkins
aneta@aneta-VirtualBox:~$ sudo systemctl status jenkins
● jenkins.service - LSB: Start Jenkins at boot time
   Loaded: loaded (/etc/init.d/jenkins; generated)
   Active: active (exited) since Tue 2021-10-26 19:14:44 CEST; 26s ago
     Docs: man:systemd-sysv-generator(8)
   Process: 17279 ExecStart=/etc/init.d/jenkins start (code=exited, status=0/SUC

paź 26 19:14:42 aneta-VirtualBox systemd[1]: Starting LSB: Start Jenkins at boo
paź 26 19:14:42 aneta-VirtualBox jenkins[17279]: Correct java version found
paź 26 19:14:42 aneta-VirtualBox jenkins[17279]: * Starting Jenkins Automation
paź 26 19:14:42 aneta-VirtualBox su[17329]: Successful su for jenkins by root
paź 26 19:14:42 aneta-VirtualBox su[17329]: + ??? root:jenkins
paź 26 19:14:42 aneta-VirtualBox su[17329]: pam_unix(su:session): session opene
paź 26 19:14:43 aneta-VirtualBox su[17329]: pam_unix(su:session): session close
paź 26 19:14:44 aneta-VirtualBox jenkins[17279]: ...done.
paź 26 19:14:44 aneta-VirtualBox systemd[1]: Started LSB: Start Jenkins at boot
lines 1-15/15 (END)
```