

```
cawan@cawan-virtualbox: ~  
* Introducing Expanded Security Maintenance for Applications.  
Receive updates to over 25,000 software packages with your  
Ubuntu Pro subscription. Free for personal use.  
  
https://ubuntu.com/pro  
  
Manutenção de Segurança Expandida para Applications não está ativa.  
  
104 as atualizações podem ser aplicadas imediatamente.  
47 dessas atualizações são atualizações de segurança padrão.  
Para ver as actualizações adicionais corre o comando: apt list --upgradable  
  
Ativar ESM Apps para poder receber possíveis futuras atualizações de segurança.  
Consulte https://ubuntu.com/esm ou execute: sudo pro status  
  
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.  
cawan@cawan-virtualbox:~$
```

PuTTY Key Generator

File Key Conversions Help

Key

Public key for pasting into OpenSSH authorized_keys file:

```
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQCNw6RuvhaLrwamPzjBd  
+FgRioqmeUiidY4NikN0Xc15ykGsJ6ZwdTlsJzxrOB3tQ+T1L6SiLRx16Mw8LY5nlpr5nKluKTaaMY  
+Y6PpKgFTP7m1DyY4NikN0Xc15ykGsJ6ZwdTlsJzxrOB3tQ+T1L6SiLRx16Mw8LY5nlpr5nKluKTaaMY  
+EhwTO+7ifbuALu1viYIXNKP3z1zUUARioqBb92baxC+7llcKQR1  
+7llcKQR1bp/Hbgjwlm7h0BT4VrFWnx/gWPPGmET8L2K
```

Key fingerprint: ssh-rsa 2048 SHA256:lm3keqq/RwllirW0vBV7AKZwuybKuGwus0u1tHBkKv4

Key comment: rsa-key-20230403

Key passphrase:

Confirm passphrase:

Actions

Generate a public/private key pair

Load an existing private key file

Save the generated key

Parameters

Type of key to generate: ☒ RSA ☐ DSA ☐ ECDSA ☐ EdDSA ☐ SSH-1 (RSA)

Number of bits in a generated key: 2048

```
cawan@cawan-virtualbox: ~/.ssh  
cawan@cawan-virtualbox: ~/.ssh  
cawan@cawan-virtualbox: ~/.ssh$ ls -l  
total 8  
-rw-r--r-- 1 cawan cawan 2610 abr  3 21:44 id_rsa  
-rw-r--r-- 1 cawan cawan  576 abr  3 21:44 id_rsa.pub  
cawan@cawan-virtualbox: ~/.ssh$ touch  
touch: cannot touch '-': No such file or directory  
cawan@cawan-virtualbox: ~/.ssh$ touch authorized_keys  
cawan@cawan-virtualbox: ~/.ssh$ touch authorized_keys  
cawan@cawan-virtualbox: ~/.ssh$ chmod 600 authorized_keys  
cawan@cawan-virtualbox: ~/.ssh$ ls -l  
total 8  
-rw-r--r-- 1 cawan cawan  0 abr  3 21:59 authorized_keys  
-rw-r--r-- 1 cawan cawan 2610 abr  3 21:44 id_rsa  
-rw-r--r-- 1 cawan cawan  576 abr  3 21:44 id_rsa.pub  
cawan@cawan-virtualbox: ~/.ssh$ cat authorized_keys  
BEGIN SSH2 PUBLIC KEY ----  
-----  
B3NzaC1yc2EAAAADAQABAAQCNw6RuvhaLrwamPzjBd+FgRioqmeUiid  
0qN4t3M07DPzqCvnWXVOVDjSeR3wGyrWhGWlG9CLK6N0A7ict6CBz+Y6PpKg  
m1DyY4NikN0Xc15ykGsJ6ZwdTlsJzxrOB3tQ+T1L6SiLRx16Mw8LY5nlpr5  
uKTaaMY+EhwTO+7ifbuALu1viYIXNKP3z1zUUARioqBb92baxC+7llcKQR1  
bgjwlm7h0BT4VrFWnx/gWPPGmET8L2K+gEiu65pmGSUWl950JbKRG50kYe8w  
gJC6QliL6MgbvaLiQg8jWs7VZW+YQFgXv2wMEuqN0qi95QTd  
END SSH2 PUBLIC KEY ----  
cawan@cawan-virtualbox: ~/.ssh$
```

```
Windows PowerShell  
Terminal do Windows pode ser definido como o aplicativo de terminal padrão em suas configurações. Abrir Configurações  
  
+ sshadd ~/.ssh\id_rsa  
+ ~~~~~  
+ CategoryInfo          : ObjectNotFound: (sshadd:String) [], CommandNotFoundException  
+ FullyQualifiedErrorId : CommandNotFoundException  
  
PS C:\Users\Alunos> sshadd ~/.ssh\id_rsa.pub  
sshadd : O termo 'sshadd' não é reconhecido como nome de cmdlet, função, arquivo de script ou item de comando. Verifique a grafia do nome ou, se um caminho tiver sido incluído, veja se o caminho está correto.  
No linha:1 caractere:1  
+ sshadd ~/.ssh\id_rsa.pub  
+ ~~~~~  
+ CategoryInfo          : ObjectNotFound: (sshadd:String) [], CommandNotFoundException  
+ FullyQualifiedErrorId : CommandNotFoundException  
  
PS C:\Users\Alunos> scp C:\Users\Alunos\Pictures\keys\public  
usage: scp [-346ABCPqrTv] [-c cipher] [-F ssh_config] [-i identity_file]  
          [-J destination] [-l limit] [-o ssh_option] [-P port]  
          [-S program] source ... target  
  
PS C:\Users\Alunos> scp C:\Users\Alunos\Pictures\keys\public cawan@10.112.6.196:~/.ssh/authorized_keys  
The authenticity of host '10.112.6.196 (10.112.6.196)' can't be established.  
ED25519 key fingerprint is SHA256:8SX1b7D1a9tBCmt0xEcAt6zP8BybVa6hrKCmbnE2a38.  
This key is not known by any other names  
Are you sure you want to continue connecting (yes/no/[fingerprint])?  
Warning: Permanently added '10.112.6.196' (ED25519) to the list of known hosts.  
cawan@10.112.6.196's password:  
public  
PS C:\Users\Alunos>
```