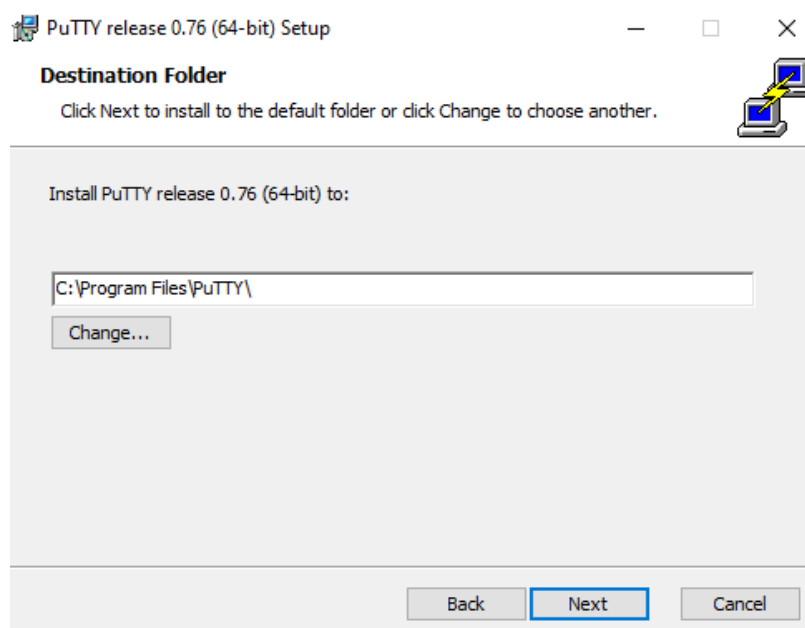
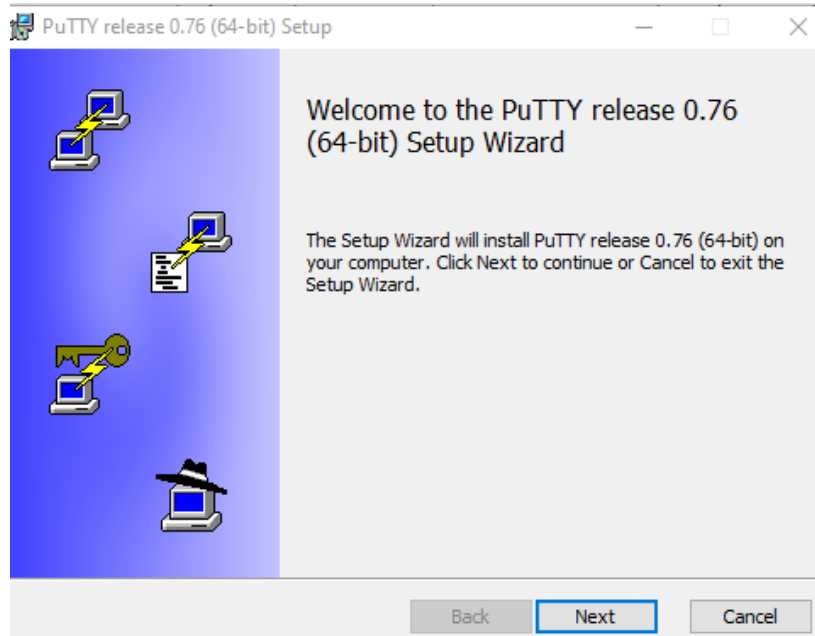
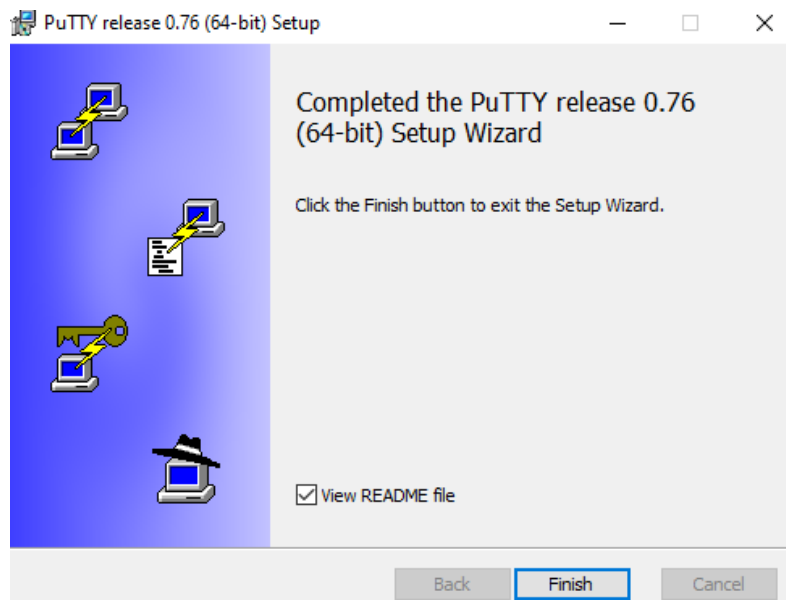
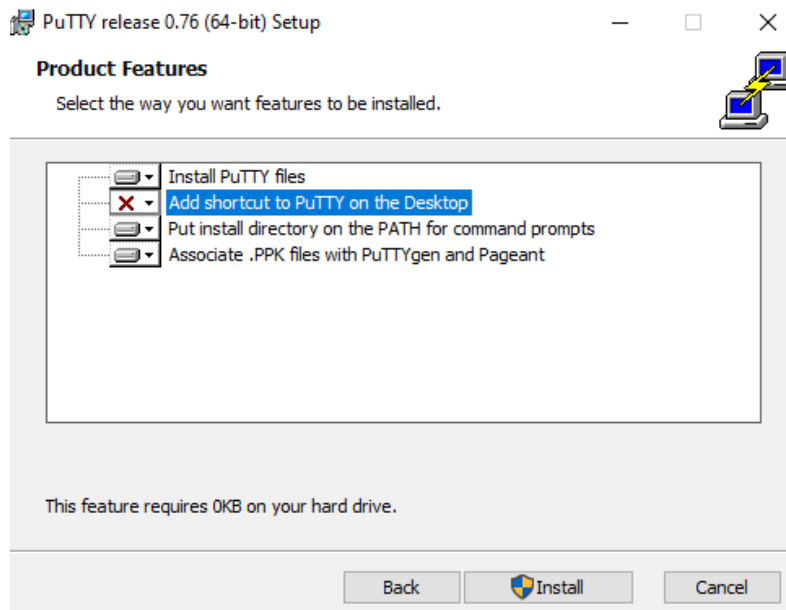


Maria Gabriely da Silva Freitas

- Windows
 - SSH Client (Putty)





PutTY Configuration ? X

Category:

- Session
 - Logging
- Terminal
 - Keyboard
 - Bell
 - Features
- Window
 - Appearance
 - Behaviour
 - Translation
 - Selection
 - Colours
- Connection
 - Data
 - Proxy
 - SSH
 - Serial
 - Telnet
 - Rlogin
 - SUPDUP

Basic options for your PuTTY session

Specify the destination you want to connect to

Host Name (or IP address) Port

Connection type:
☒ SSH ☐ Serial ☐ Other:

Load, save or delete a stored session

Saved Sessions

Close window on exit:
☐ Always ☐ Never ☒ Only on clean exit

PutTY Key Generator ? X

File Key Conversions Help

Key

No key.

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:

Putty Key Generator

File Key Conversions Help

Key

Public key for pasting into OpenSSH authorized_keys file:

```
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQAC4B634IIMAs5zlYbMpMjRiB/gkkFcY/gr6im6ycA93RhRGpBuv6Bti5C
YukYcAsT+wqgAOLmgbA0FT3NG3biCp44MouY8pSc2CbsWZS+MnPJv3VMhj8WV1EJZJ3zm/Va
+5kCtNPJarvPyOpOPP+P+N9TXoUpvKywqUxC9PbjxR1v8QjUp6orwve
+89u3/eluMhjyOQjllFqN/x2WM/85PQyV3Cfek6EHztE96Xlj+DyxQebXvT
```

Key fingerprint: ssh-rsa 2048 SHA256:2ZC2Rk3UO5OkK38hgYRZFWwQ0W7FMo6bB5M8ktWs4lk

Key comment: rsa-key-20211105

Key passphrase:

Confirm passphrase:

Actions

Generate a public/private key pair Generate

Load an existing private key file Load

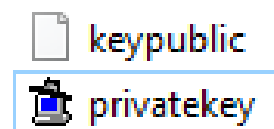
Save the generated key Save public key Save private key

Parameters

Type of key to generate:

☒ RSA ☐ DSA ☐ ECDSA ☐ EdDSA ☐ SSH-1 (RSA)

Number of bits in a generated key: 2048



- SSH Server (Bitvise)

[Visit the Bitvise SSH Server web page](#)

Lombardy Ct, Colleyville, Texas 76034, USA, ("Bitvise"), develops a Windows SSH server program named Bitvise SSH Server ("BSS"), to which it owns all rights, title, and interest, and is willing to grant you, meaning any individual or entity who will use BSS, ("you"), the license to use BSS, upon the condition that you agree to and accept all of the terms of this License Agreement ("Agreement").

You must read this Agreement carefully.

BY INSTALLING, AND/OR USING BSS, YOU (A) ACKNOWLEDGE THAT YOU HAVE READ AND UNDERSTAND THIS AGREEMENT; (B) REPRESENT THAT YOU ARE OF LEGAL AGE TO ENTER INTO A BINDING AGREEMENT AND IF THIS AGREEMENT IS BEING ENTERED INTO ON BEHALF OF A CORPORATION, GOVERNMENTAL ORGANIZATION, OR OTHER LEGAL ENTITY, YOU HAVE THE RIGHT, POWER, AND

☒ I agree to accept all the terms of this License Agreement

☐ Upgrade or replace existing Bitvise SSH Server (WinSSHD) instance:

☒ Install new Bitvise SSH Server instance:

☒ Install new default instance (Bitvise SSH Server)

☐ Install new named instance: Bitvise SSH Server -

[Location:](#) C:\Program Files\Bitvise SSH Server

☒ Run Bitvise SSH Server Control Panel when done

Install

Cancel

Bitvise SSH Server 8.49 Installer

[Visit the Bitvise SSH Server web page](#)

Lombardy Ct, Colleyville, Texas 76034, USA, ("Bitvise"), develops a

Bitvise SSH Server Edition Selection

Please choose one of the following server editions:

☐ **Standard Edition**

Bitvise SSH Server will work with full functionality, but will expire after 30 days, after which a license needs to be purchased.

☒ **Personal Edition**

Personal use is free and does not expire, but is limited only for non-commercial personal use, and is not permitted for businesses, governments, or any other organizations. The Personal Edition has the following limitations compared to the Standard Edition:

- On non-DC computers, can use only local Windows accounts
- On DCs, can use only accounts in own domain
- Can configure only one Windows group ("Everyone")
- Can configure only one virtual group
- Limit of 10 Windows account entries
- Limit of 10 virtual account entries
- Limit of 15 concurrent sessions
- GSSAPI authentication is disabled (Kerberos and NTLM)

Back

OK

Cancel

Bitvise SSH Server Edition Selection

Please choose one of the following server editions:

☐ **Standard Edition**

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Personal use is free, but is limited only for non-commercial personal use, and is not permitted for businesses, governments, or any other organizations.

Name	Maria Gabriely
Middle name	da Silva
Last name	Freitas

Back

OK

Cancel

Bitvise SSH Server 8.49 Control Panel - personal, non-commercial use only

Server Sessions Activity Statistics About [Send us feedback](#)

Server management

Use this tab to start and stop Bitvise SSH Server and manage its host keys, certificates, password cache, and settings. Click the question mark icons to learn about each configuration aspect.

Public key authentication, as well as virtual accounts that use a custom security context, will not be fully operational until Windows is restarted. X ^

Bitvise SSH Server service is **stopped** [Start Server](#) Instance type: [Standalone](#)
Startup type: [Automatic](#)
[Open log folder viewer](#)

Host keys

RSA host key **3072** bits
MD5 fingerprint: b8:71:c6:19:de:d5:9b:f0:50:39:29:b0:fa:48:2a:91 [Copy](#)
Bubble-Babble: xenah-losym-mogal-nudyt-nabyk-tivob-pacot-cosuz-labiz-nopyn-pixux [Copy](#)
SHA-256 fingerprint: ZgprkhtOzUTGI37KnXRHU2rpgbD 1Ipo8ukt/1xdKzsE [Copy](#)

ECDSA/nistp384 host key **384** bits
MD5 fingerprint: d6:5c:a0:20:10:b4:5d:b6:28:d4:39:a0:8f:18:58:6e [Copy](#)
Bubble-Babble: xotez-musel-ramyc-poteg-matus-rutod-leruz-hykug-hedib-bigh-kexox [Copy](#)
SHA-256 fingerprint: riplcd/NITXWNbk/UuSCGYbPKTwG+HGR-4LBu/trAFkk [Copy](#)

[Manage host keys](#) [Copy all fingerprints](#)

Certificates

Issued to: Bitvise SSH Server Issued by: Bitvise SSH Server [Show](#)
Valid from 2021-11-07 21:00 -0300 to 2036-11-07 21:00 -0300
SHA-1 fingerprint: 17:0d:f1:be:29:b9:44:a5:7e:73:6f:26:99:e9:21:e6:b2:b4:33:94 [Copy](#)
SHA-256 fingerprint: cf:e7:af:84:18:e8:2b:41:a1:ae:b0:fb:3e:19:64:32:ef:0b:e7:54:ff:28:0a:f2:b2:c8:ef:d8:ee:1a:05:90 [Copy](#)

[Manage certificates](#) [Copy all fingerprints](#)

Settings

[Open easy settings](#)
[Edit advanced settings](#) [View](#) [Import](#) [Export](#) [Restore](#)
Query settings with [PowerShell](#)

Password cache

Bitvise SSH Server 8.49 Control Panel - personal, non-commercial use only

Server Sessions (0) Activity Statistics About [Send us feedback](#)

Server management

Use this tab to start and stop Bitvise SSH Server and manage its host keys, certificates, password cache, and settings. Click the question mark icons to learn about each configuration aspect.

Bitvise SSH Server service is **running** [Stop Server](#) Instance type: [Standalone](#)
Startup type: [Automatic](#)
[Open log folder viewer](#)

Host keys

RSA host key **3072** bits
MD5 fingerprint: b8:71:c6:19:de:d5:9b:f0:50:39:29:b0:fa:48:2a:91 [Copy](#)
Bubble-Babble: xenah-losym-mogal-nudyt-nabyk-tivob-pacot-cosuz-labiz-nopyn-pixux [Copy](#)
SHA-256 fingerprint: ZgprkhtOzUTGI37KnXRHU2rpgbD 1Ipo8ukt/1xdKzsE [Copy](#)

ECDSA/nistp384 host key **384** bits
MD5 fingerprint: d6:5c:a0:20:10:b4:5d:b6:28:d4:39:a0:8f:18:58:6e [Copy](#)
Bubble-Babble: xotez-musel-ramyc-poteg-matus-rutod-leruz-hykug-hedib-bigh-kexox [Copy](#)
SHA-256 fingerprint: riplcd/NITXWNbk/UuSCGYbPKTwG+HGR-4LBu/trAFkk [Copy](#)

[Manage host keys](#) [Copy all fingerprints](#)

Certificates

Issued to: Bitvise SSH Server Issued by: Bitvise SSH Server [Show](#)
Valid from 2021-11-07 21:00 -0300 to 2036-11-07 21:00 -0300
SHA-1 fingerprint: 17:0d:f1:be:29:b9:44:a5:7e:73:6f:26:99:e9:21:e6:b2:b4:33:94 [Copy](#)
SHA-256 fingerprint: cf:e7:af:84:18:e8:2b:41:a1:ae:b0:fb:3e:19:64:32:ef:0b:e7:54:ff:28:0a:f2:b2:c8:ef:d8:ee:1a:05:90 [Copy](#)

[Manage certificates](#) [Copy all fingerprints](#)

Settings

[Open easy settings](#)
[Edit advanced settings](#) [View](#) [Import](#) [Export](#) [Restore](#)
Query settings with [PowerShell](#)

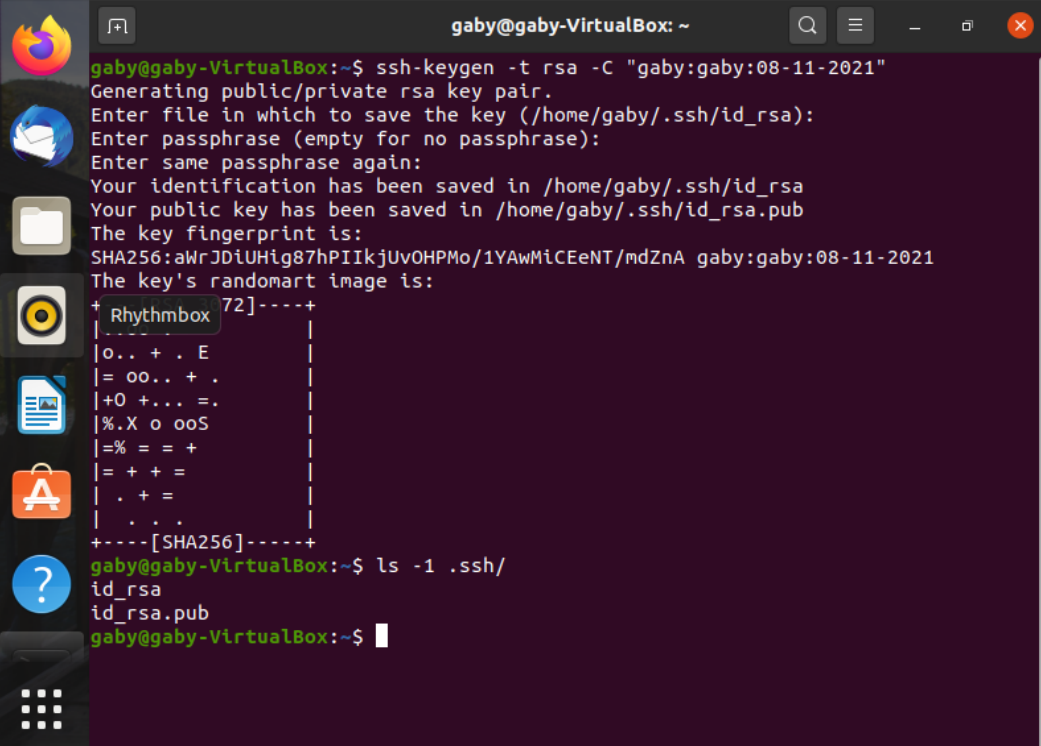
Password cache

Passwords in cache: **0** [Manage password cache](#)

Close

- Linux Ubuntu 24.04

- Criação das chaves pública e privada



The image shows a terminal window titled "gaby@gaby-VirtualBox: ~". The user has executed the command `ssh-keygen -t rsa -C "gaby:gaby:08-11-2021"`. The terminal output shows the process of generating a public/private RSA key pair, saving the key to `/home/gaby/.ssh/id_rsa`, and displaying the key fingerprint and a randomart image. The randomart image is a grid of characters representing the key's fingerprint. The user then lists the contents of the `.ssh` directory, showing `id_rsa` and `id_rsa.pub`.

```
gaby@gaby-VirtualBox:~$ ssh-keygen -t rsa -C "gaby:gaby:08-11-2021"
Generating public/private rsa key pair.
Enter file in which to save the key (/home/gaby/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/gaby/.ssh/id_rsa
Your public key has been saved in /home/gaby/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:aWrJDtUHig87hPIIkjUvOHPMo/1YAwMiCEeNT/mdZnA gaby:gaby:08-11-2021
The key's randomart image is:
+-----+
| o.. + . E |
|= oo.. + . |
|+O +... =. |
|%.X o ooS  |
|= % = = +  |
|= + + =    |
| . + =     |
| . . .     |
+-----[SHA256]-----+
gaby@gaby-VirtualBox:~$ ls -l .ssh/
id_rsa
id_rsa.pub
gaby@gaby-VirtualBox:~$
```