**[Git Bash](https://docs.joyent.com/public-cloud/getting-started/ssh-keys/generating-an-ssh-key-manually/manually-generating-your-ssh-key-in-windows" \l "git-bash)**

The [Git](https://git-scm.com/) installation package comes with SSH. Using Git Bash, which is the Git command line tool, you can generate SSH key pairs. Git Bash has an SSH client that enables you to connect to and interact with Triton containers on Windows.

To install Git:

1. (Download and initiate the Git installer](<https://git-scm.com/download/win>).
2. When prompted, accept the default components by clicking **Next**.
3. Choose the default text editor. If you have Notepad++ installed, select **Notepad++** and click **Next**.
4. Select to **Use Git from the Windows Command Prompt** and click **Next**.
5. Select to **Use OpenSSL library** and click **Next**.
6. Select to **Checkout Windows-style, commit Unix-style line endings** and click **Next**.
7. Select to **Use MinTTY (The default terminal of mYSYS2)** and click **Next**.
8. Accept the default extra option configuration by clicking **Install**.

When the installation completes, you may need to restart Windows.

[**Launching GitBash**](https://docs.joyent.com/public-cloud/getting-started/ssh-keys/generating-an-ssh-key-manually/manually-generating-your-ssh-key-in-windows#launching-gitbash)

To open Git Bash, we recommend launching the application from the Windows command prompt:

1. In Windows, press **Start+R** to launch the **Run** dialog.
2. Type C:\Program Files\Git\bin\bash.exe and press **Enter**.

[**Generating SSH keys**](https://docs.joyent.com/public-cloud/getting-started/ssh-keys/generating-an-ssh-key-manually/manually-generating-your-ssh-key-in-windows#generating-ssh-keys)

First, create the SSH directory and then generate the SSH key pair.

One assumption is that the Windows profile you are using is set up with administrative privileges. Given this, you will be creating the SSH directory at the root of your profile, for example:

C:\Users\joetest

1. At the Git Bash command line, change into your root directory and type.

mkdir .ssh

1. Change into the .ssh directory C:\Users\joetest\.ssh
2. To create the keys, type:

ssh-keygen.exe

1. When prompted for a password, type apassword to complete the process. When finished, the output looks similar to:

Ssh-keygen.exe

Generating public/private rsa key pair.

Enter file in which to save the key (/c/Users/joetest/.ssh/id\_rsa): /c/Users/joetest/.ssh/

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in /c/Users/joetest/.ssh/

Your public key has been saved in /c/Users/joetest/.ssh/

The key fingerprint is:

SHA256:jieniOIn20935n0awtn04n002HqEIOnTIOnevHzaI5nak joetest@periwinkle

The key's randomart image is:

+---[RSA 2048]----+

|\*= =+. |

|O\*=.B |

|+\*o\* + |

|o +o. . |

| ooo + S |

| .o.ooo\* o |

| .+o+\*oo . |

| .=+.. |

| Eo |

+----[SHA256]-----+

$ dir .ssh

id\_rsa id\_rsa.pub

[**Uploading an SSH key**](https://docs.joyent.com/public-cloud/getting-started/ssh-keys/generating-an-ssh-key-manually/manually-generating-your-ssh-key-in-windows#uploading-an-ssh-key)

To upload the public SSH key to your [Triton account](https://my.joyent.com/main/#!/account):

1. Open Triton Service portal, select **Account** to open the **Account Summary** page.
2. From the **SSH** section, select **Import Public Key**.
3. Enter a **Key Name**. Although naming a key is optional, labels are a best practice for managing multiple SSH keys.
4. Add your public SSH key.

When Triton finishes the adding or uploading process, the public SSH key appears in the list of SSH keys.