

# ... create an SSH key pair in Linux/macOS

## Step 1 - Generate SSH key pair

Open *Terminal*, type “ssh-keygen -t ed25519” and press *Enter*:

howto:ssh\_keypair\_unix\_1-1.png

Change the default name of the SSH key pair (optional). This option can help distinguish between different keys in case of using multiple key pairs. By default, the system will save the keys to in the `.ssh` folder in the user's home directory.

- To continue with the default name “id\_ed25519”, press *Enter*.
- To change the default name, type the desired name and press *Enter*.

Type the passphrase/password and press *Enter*. Type the passphrase/password again to confirm it and press *Enter*. The system will generate the key pair and display the key fingerprint and a randomart image:

howto:ssh\_keypair\_unix\_1-2.png

Type “ls ~/.ssh” and press *Enter*. Two files with name “id\_ed25519” (or the adapted name in case of having changed the default name) should be listed. The private key of the SSH key pair is saved in the **id\_ed25519** file and the public key in the **id\_ed25519.pub** file:

howto:ssh\_keypair\_unix\_1-3.png

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