

# OpenSSH on macOS

## 1. How to generate your SSH private key and public key

On your macOS Terminal application, you type the command.

macOS\$ ssh-keygen -t ecdsa	This command generates your SSH private key and public key of the ECDSA type.
Enter file in which to save the key (/Users/XXXX/.ssh/id_ecdsa):	This inquiry is where your SSH key will be placed. Do not change.
Enter passphrase (empty for no passphrase):	To prevent misuse of your SSH private key, please enter your passphrase in this query. This passphrase does not have to be the same as your login password.

Your SSH public key is \$HOME/.ssh/id\_ecdsa.pub. Then you register the generated key in your macOS keychain application

```
ssh-add -K $HOME/.ssh/id_ecdsa
```

## 2. Optional

Create \$HOME/.ssh/config file like the following:

```
Host *
  ForwardAgent yes
  ForwardX11 yes
  ForwardX11Trusted yes
  IdentityFile /Users/XXXX/.ssh/id_ecdsa
  UseKeychain yes
  AddKeysToAgent yes
```

Replace XXXX with your macOS username. The UseKeychain is for macOS only.

- [Public](#)

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