

How to Connect to an SSH Server from Windows, macOS, or Linux

Need to access a remote server via SSH but don't know how? This guide covers connecting to SSH from Windows, macOS, and Linux, securing it with SSH keys and secure authentication methods.

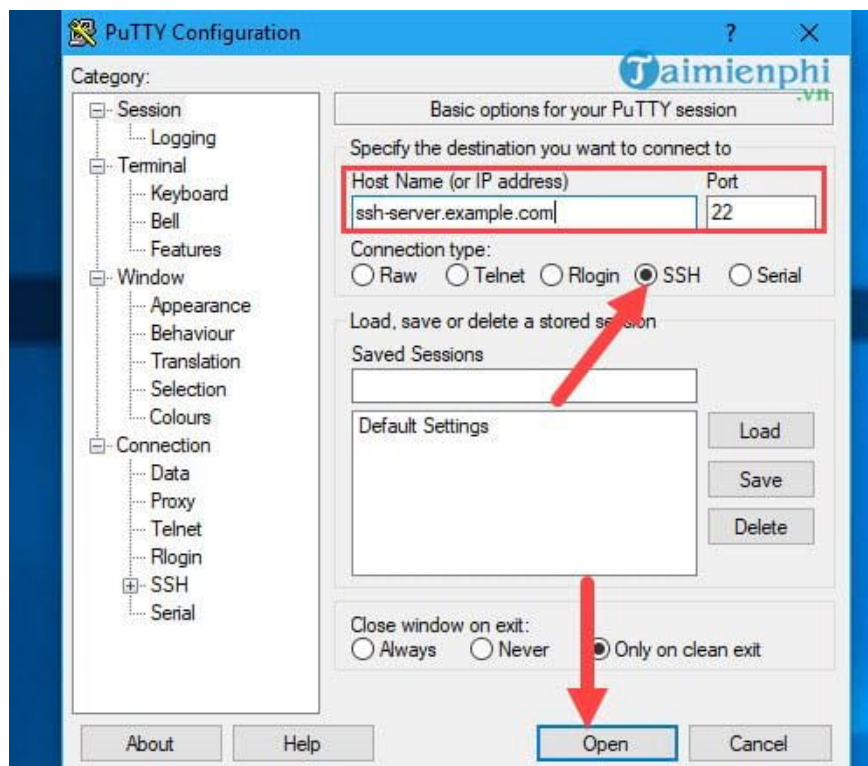
SSH connection helps you access remote servers securely. This article guides you in detail how to set up SSH on Windows, macOS, Linux, optimize security and simplify operations.

Instructions for connecting to an SSH server

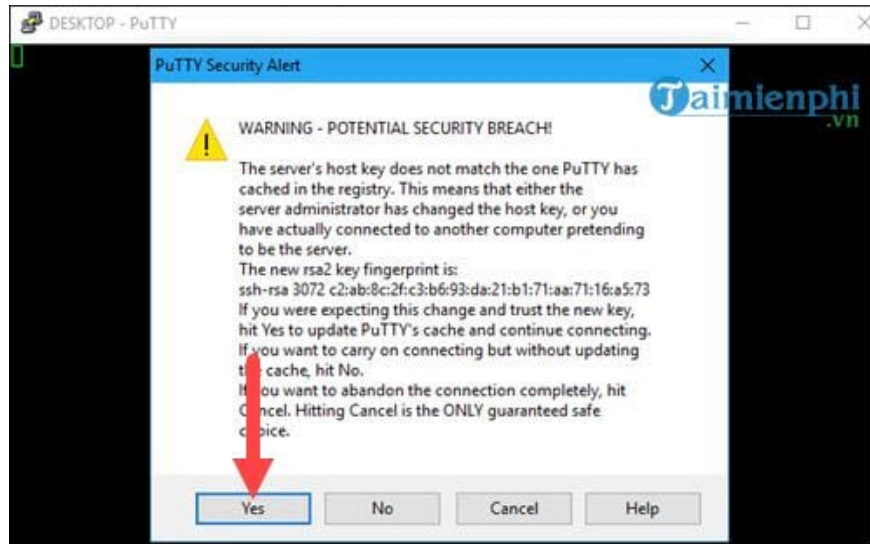
1. Connect from Windows

Step 1: Download **PuTTY** and install it as usual.

Step 2: After opening PuTTY, you just need to enter your **Host Name** (or IP address), **select the default port as 22** (if it is different from 22, enter another port), then **check SSH** and click **Open**.



Step 3: Click **Yes** to continue.

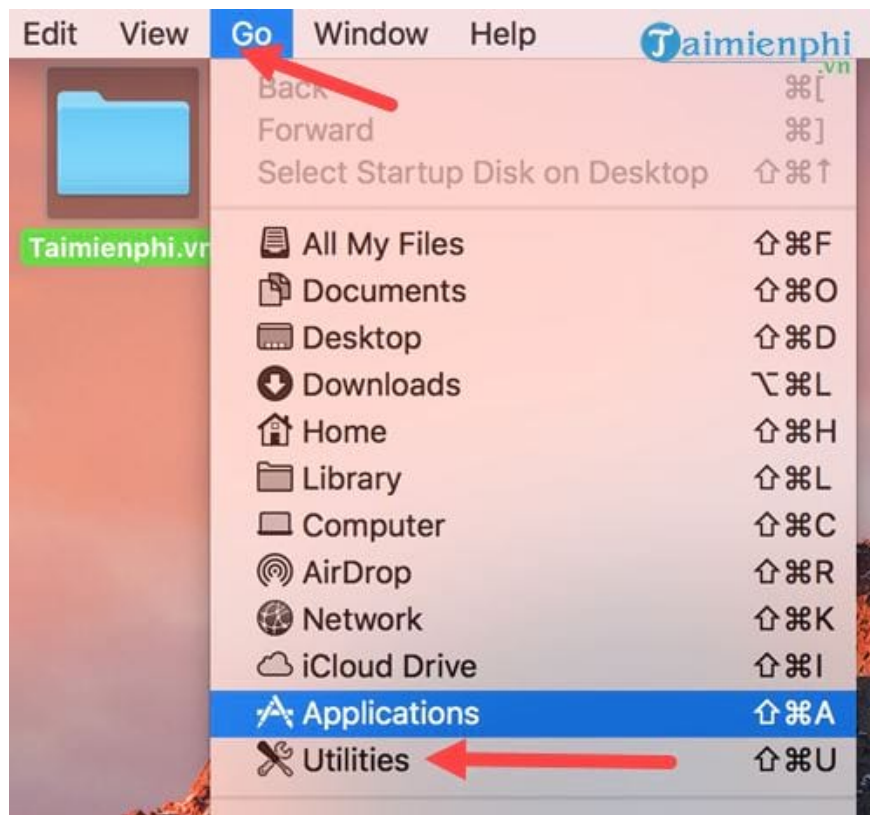


Step 4: Finally, a login panel appears, you enter the account name and password of the SSH server the computer you want to connect to.



2. Connect from macOS

Step 1: On macOS, it is very flexible, there is no need to use 3rd party software like Windows, you just need to click on the **Go** Menu and select **Utilities** in the first step.



Step 2: In Utilities, find an application called **Terminal** , this is an application similar to Command Prompt on Windows.



Step 3: Here you enter your SSH server, with the default port being 22 you just need to type: **ssh name ssh server.server.com** .

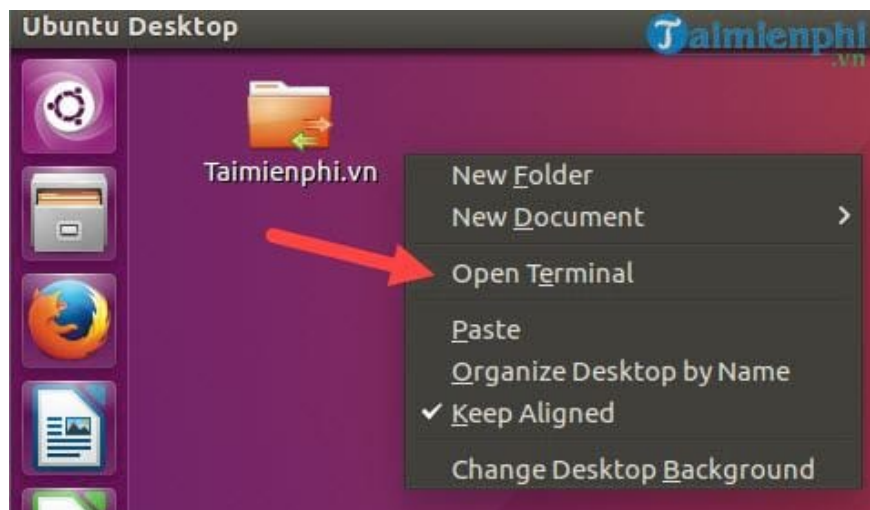
```
taimienphi — ssh taimienphivn@ssh.server.com — 61x12
Last login: Mon Aug 28 08:35:34 on ttys000
Taimienphi:~ Taimienphi$ ssh taimienphivn@ssh.server.com
```

In case your SSH server is different from port 22, enter the address with the following command: **ssh name ssh server.server.com - p** and press enter to connect to the SSH server from macOS.

```
taimienphi — ssh taimienphivn@ssh.server.com -p 2222 — 65x11
Last login: Mon Aug 28 08:37:38 on ttys000
Taimienphi:~ Taimienphi$ ssh taimienphivn@ssh.server.com -p 2222
```

3. Connect from Linux

Step 1: From Ubuntu version 14.0 onwards, connecting to the SSH server becomes easier when we can access Terminal (similar to Command Prompt on Windows) right from the desktop interface. We just need to right-click and select **Open Terminal** to open this tool.



Step 2: As soon as the Terminal interface appears, enter your host with the syntax **ssh hostname** .

```
taimienphivn@ubuntu: ~
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
Taimienphi.vn

taimienphivn@ubuntu:~$ ssh taimienphivn@localhost
```

The system will then connect to your SSH, type **Yes** when prompted and then enter your password.

```
taimienphivn@ubuntu: ~
taimienphivn@ubuntu:~$ ssh taimienphivn@localhost
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:k9RDUvInuWTILvr+10g2ADSwy7qVnEwTS3BeVGL
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'localhost' (ECDSA) to the list of known hosts
taimienphivn@localhostpassword:
```

Step 3: Finally, the system will ask you if you want to continue or not, click **yes** to connect to the SSH server on linux. It's so simple, right?

```
taimienphivn@ubuntu: ~
taimienphivn@ubuntu:~$ ssh taimienphivn@localhost
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:k9RDUvInuWTILvr+10g2ADSwy7qVnEwTS3BeVGL
Are you sure you want to continue connecting (yes/no)?
```

SSH helps manage servers remotely securely, you can connect on Windows using PuTTY, use Terminal on macOS, or run the ssh command on Linux depending on your operating system. For better security, use SSH key authentication instead of logging in with a password.

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