# Connecting to a Server using SSH

**Purpose:**

This articles provides the steps to connect to your Linux server via SSH.

**Prerequisites:**

- User account with access to the server you are connecting to
- VPN if necessary

**Process:**

This article will overview how to connect to a server with Putty

**Procedure:**

**Summary**

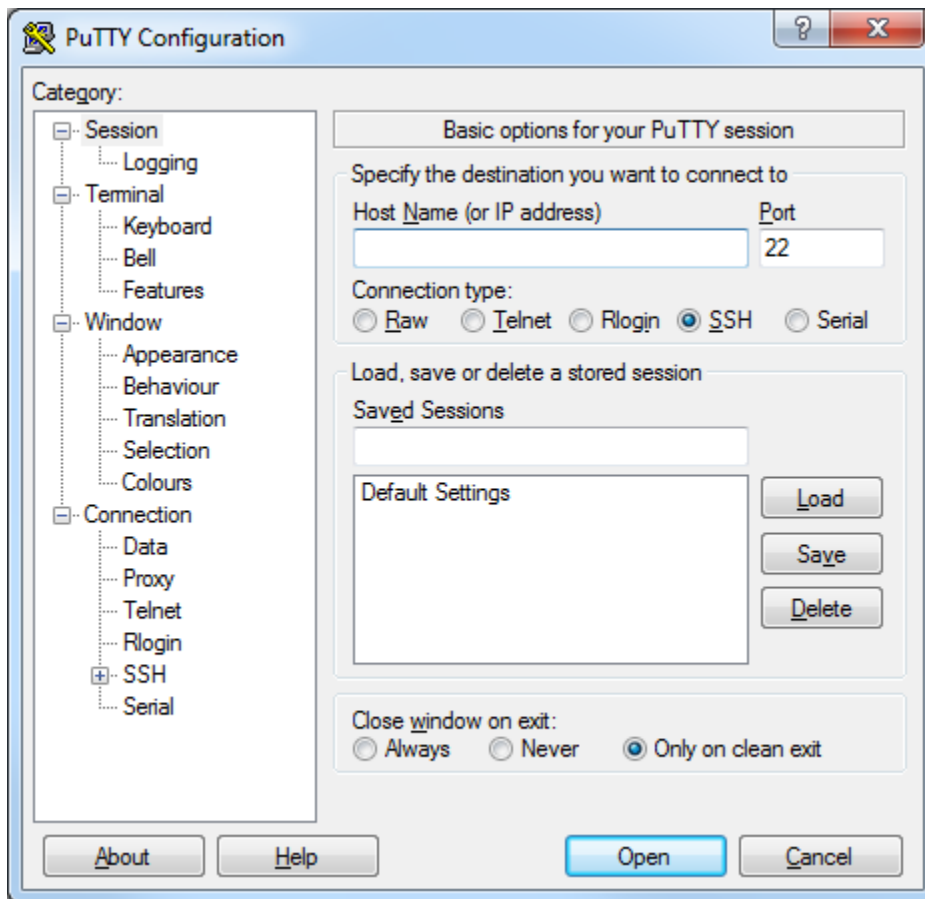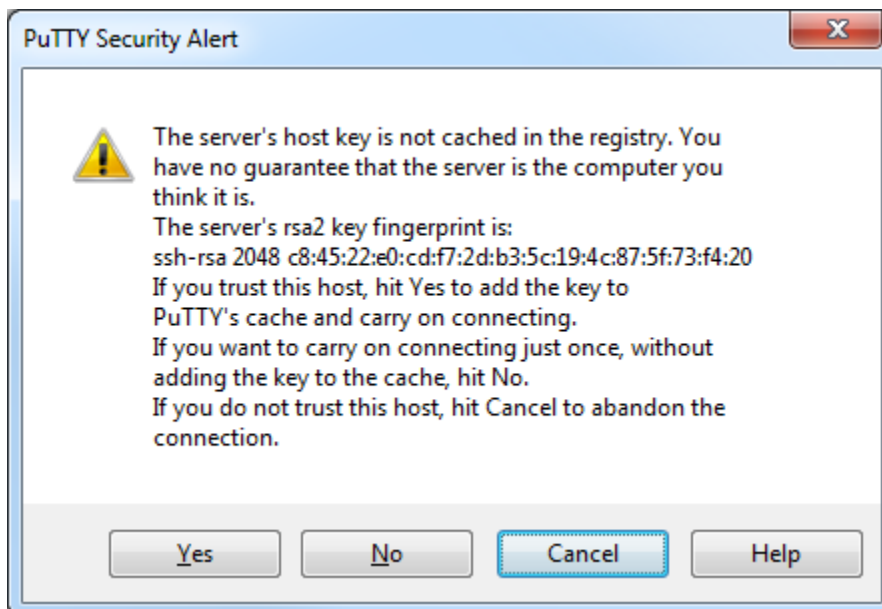This articles provides the steps to connect to your Linux server via SSH.

**Steps**

## Windows

    a. Download SSH Client, traditionally you can obtain the executable for Putty from here: http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html
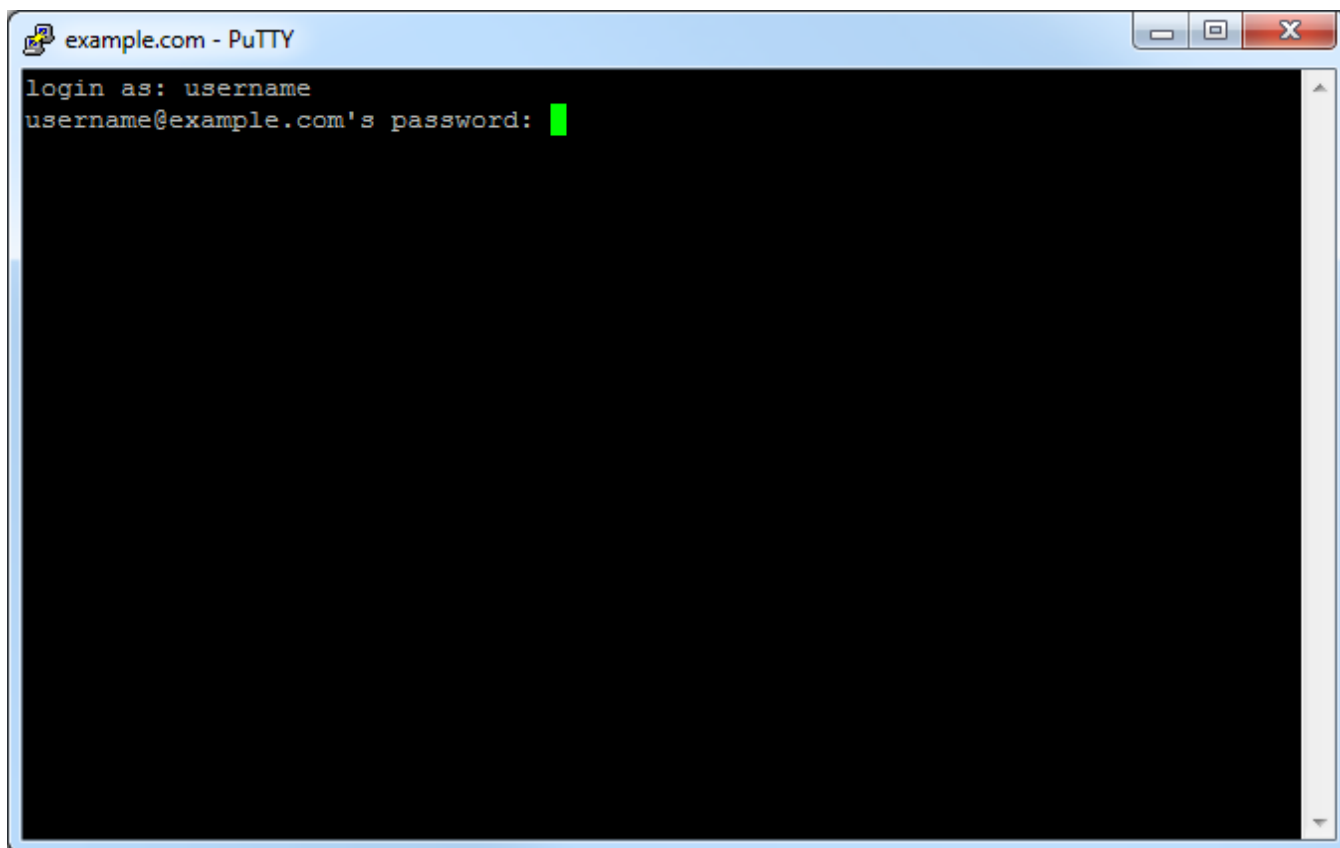
    b. Open the downloaded putty.exe



putty.exe

    a. Enter in IP or hostname into the field marked for 'Host Name (or IP address)':

a. The other details can remain their defaults, click Open. If this is your first time connecting to the server, you may be welcomed with a similar message:



The server's host key is not cached in the registry. You have no guarantee that the server is the computer you think it is.
The server's rsa2 key fingerprint is:
ssh-rsa 2048 c8:45:22:e0:cd:f7:2d:b3:5c:19:4c:87:5f:73:f4:20
If you trust this host, hit Yes to add the key to PuTTY's cache and carry on connecting.
If you want to carry on connecting just once, without adding the key to the cache, hit No.
If you do not trust this host, hit Cancel to abandon the connection.

a. Once connected you will be prompted for a username and subsequently a password.

```
example.com - PuTTY                                    [_] [□] [X]

login as: username
username@example.com's password: █
```

1. Once connected to the server, you will be placed into your home directory and can navigate from there. Additional permissions changes may be needed depending upon what paths in the server you attempt to access.

## Mac

1. Double-click your hard drive icon.
2. Navigate to **Applications** > **Utilities**.
3. Open **Terminal**.
4. To connect to your server, type the following: ssh *username@ hostname* (substituting in your SSH login as your username and the fully qualified domain as the hostname).
5. Once connected to the server, you will be placed into your home directory and can navigate from there. Additional permissions changes may be needed depending upon what paths in the server you attempt to access.