

PuTTY Tools

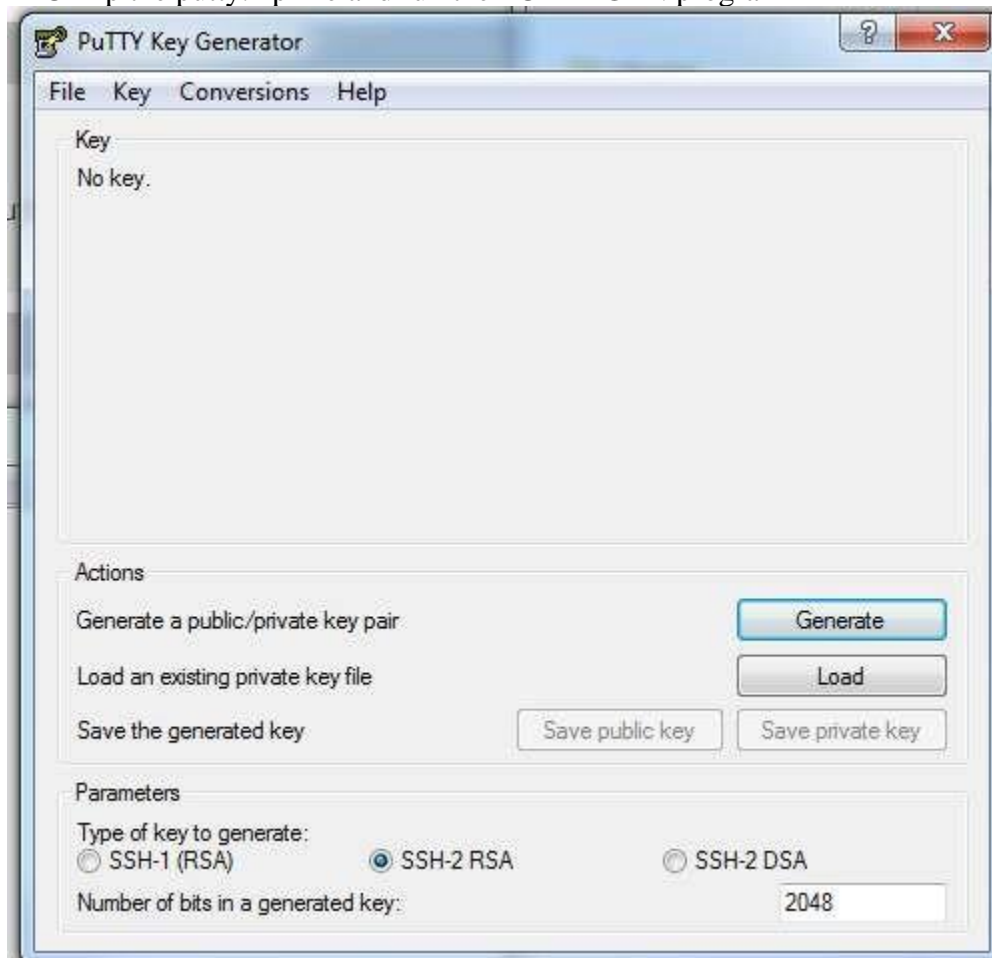
Download all PuTTY binaries from,
[Putty Binaries](#)

Background

Details on Using public keys for SSH authentication can be found at,
[Putty Documentation](#)

Protecting the private key

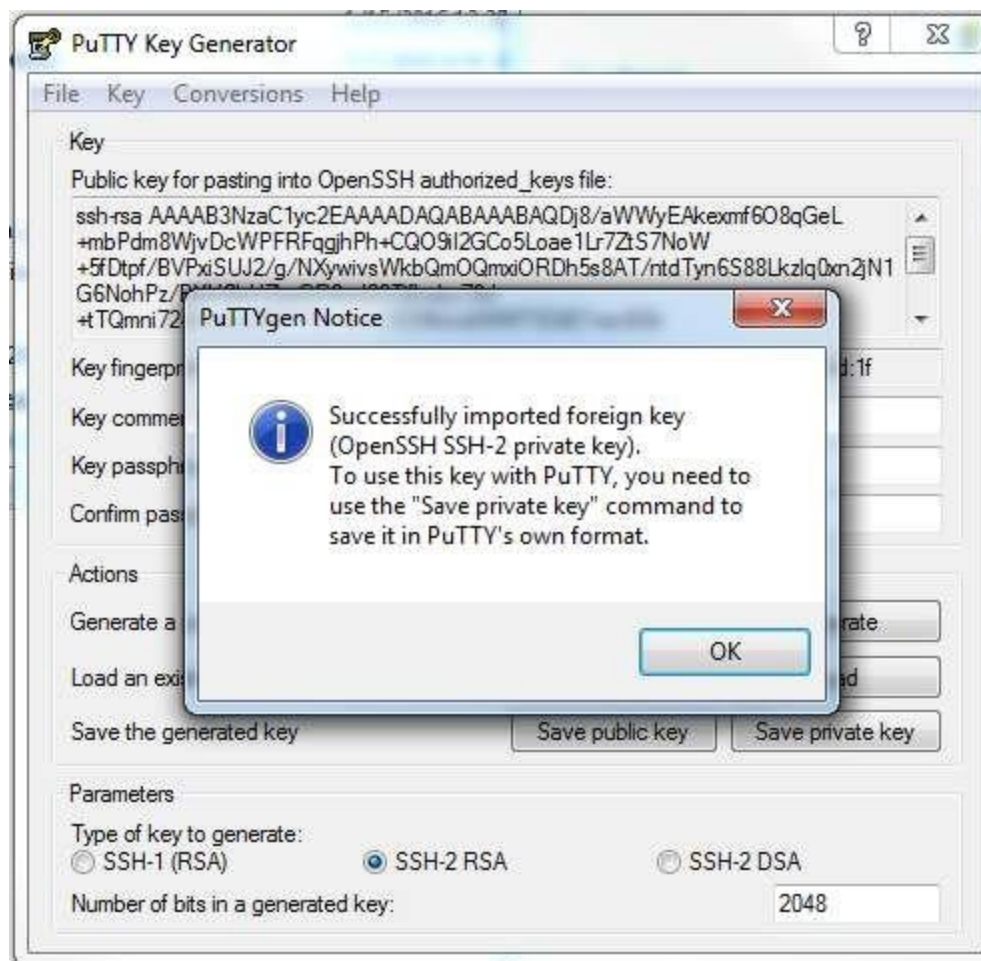
- Unzip the putty.zip file and run the PUTTYGEN program



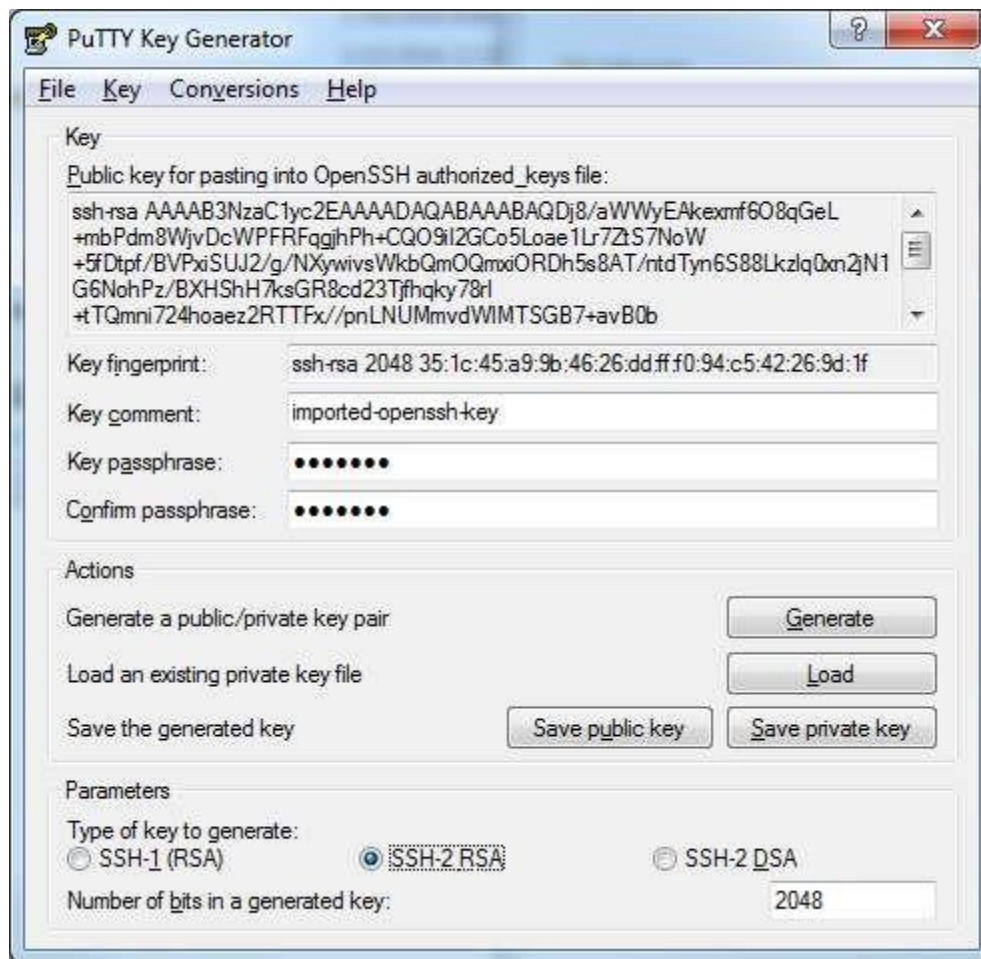
- Click on File->Load private key



- Click OK button to acknowledge the successful notice



- Enter a key passphrase and confirm it



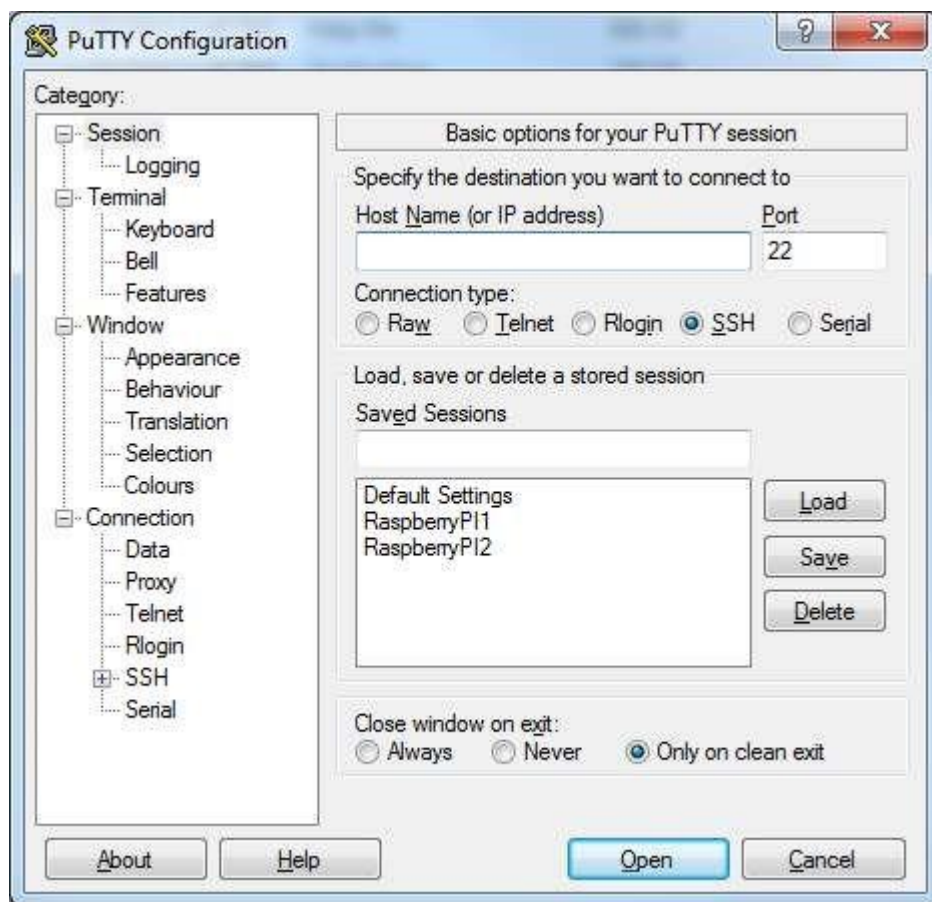
- Click Save private key



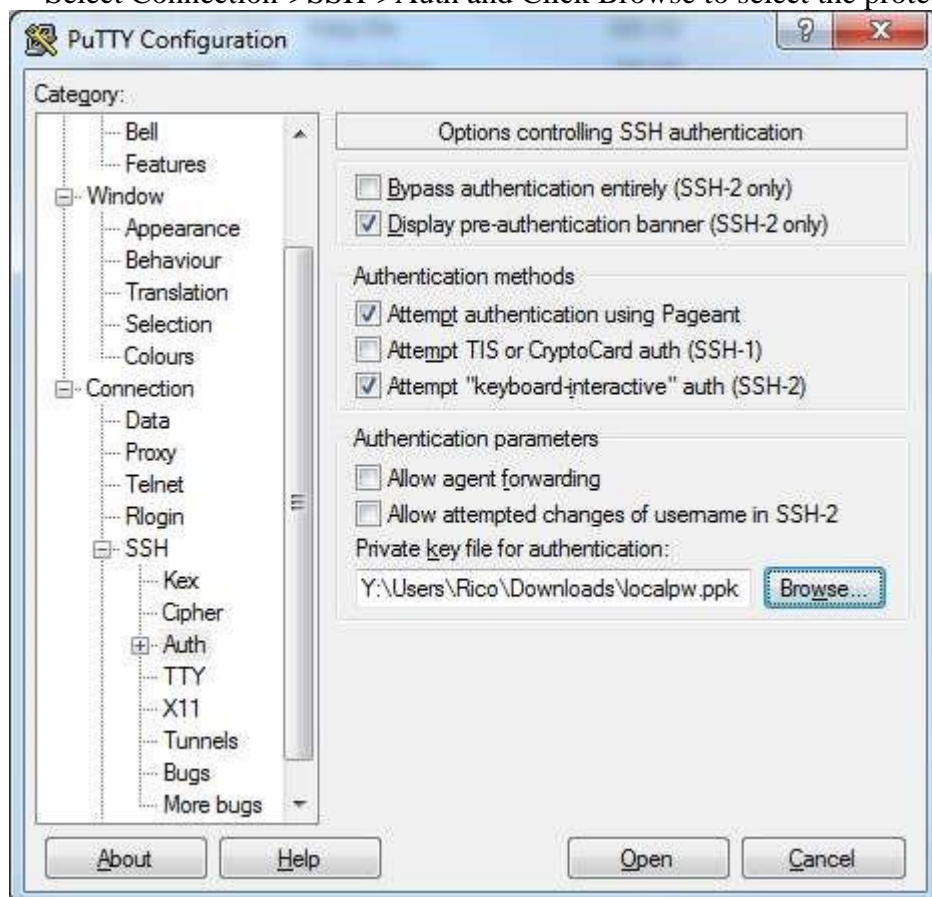
Note that the protected private key file (.ppk) just created is needed by PuTTY.

Setting up PuTTY with the protected private key file

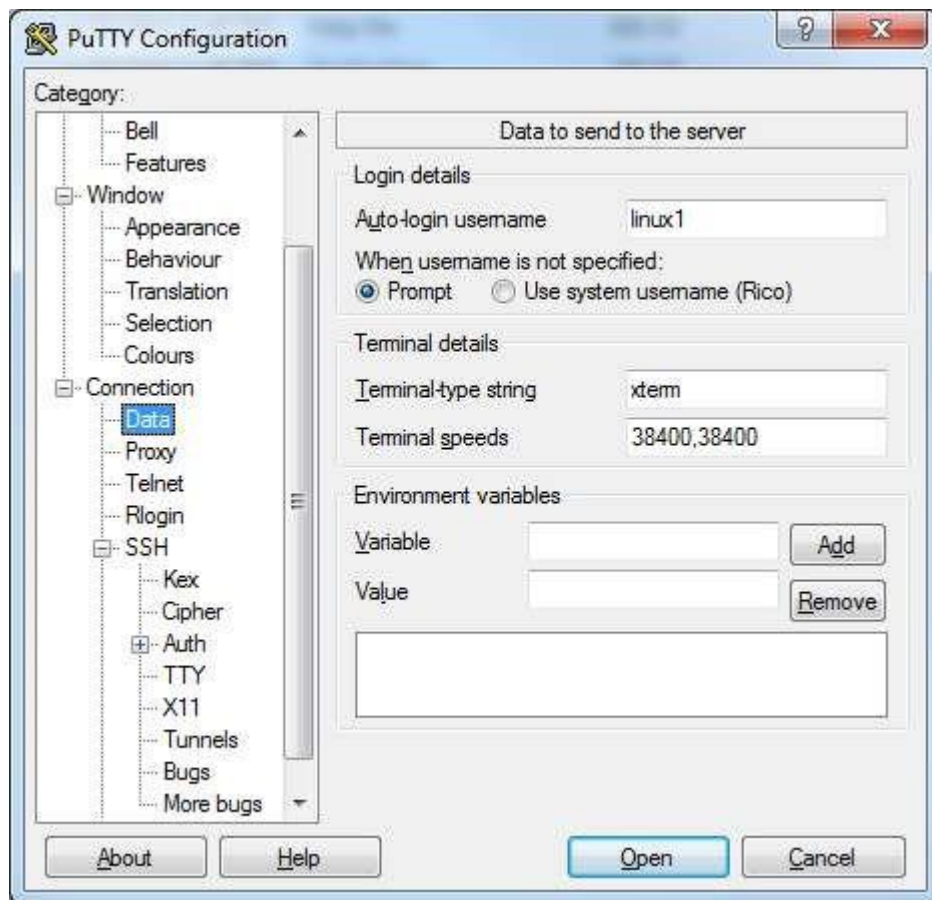
- Start PuTTY



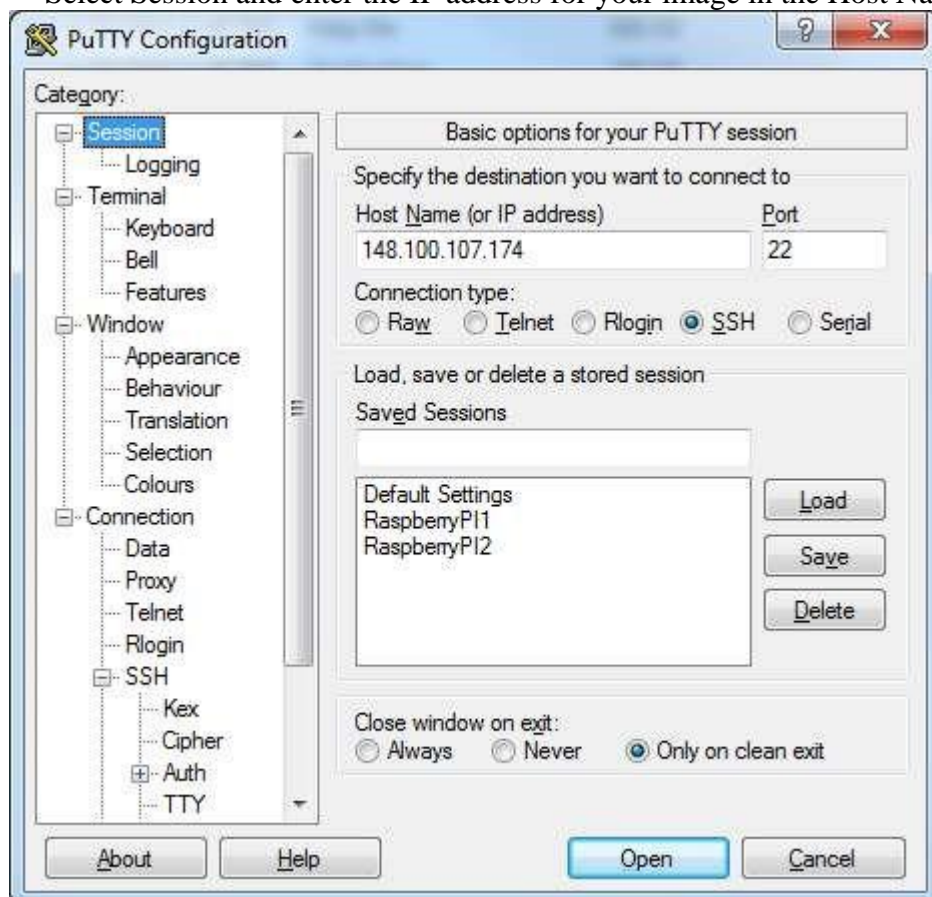
- Select Connection->SSH->Auth and Click Browse to select the protected private key file (.ppk)



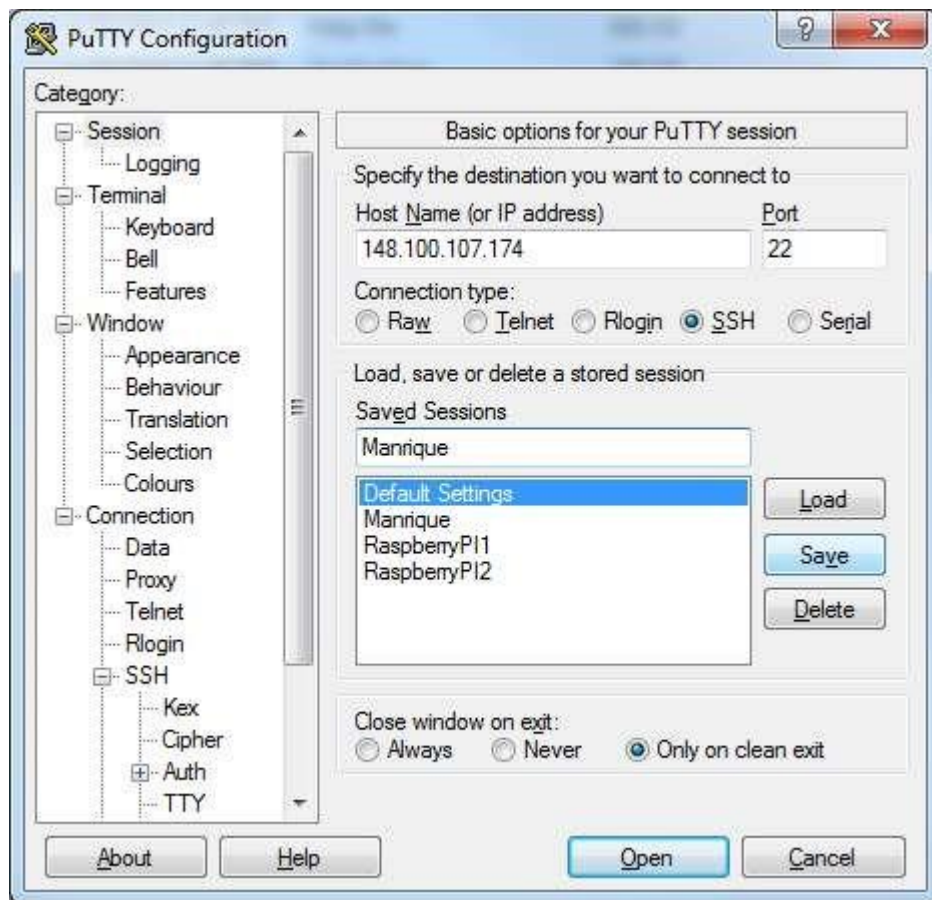
- Select Connection->Data and enter linux1 in the Auto-login username textbox



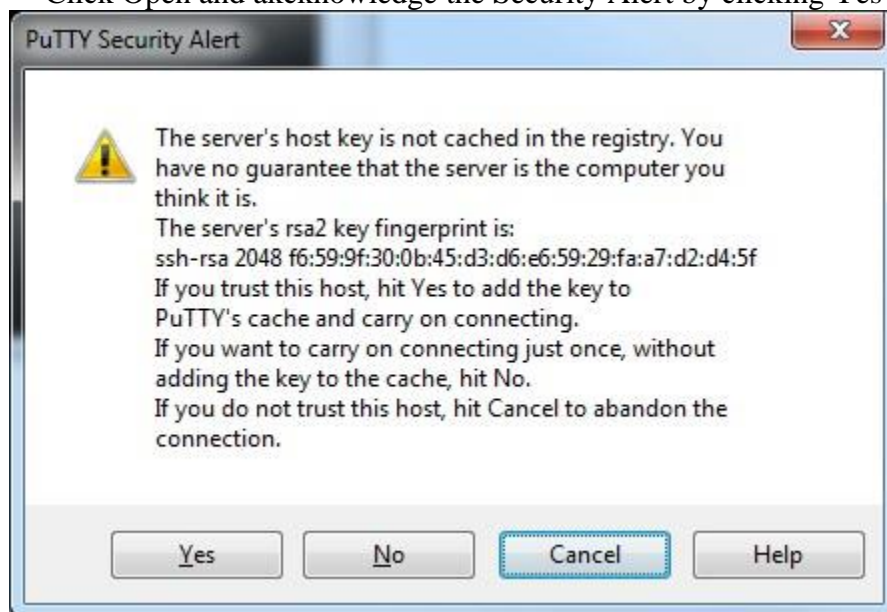
- Select Session and enter the IP address for your image in the Host Name textbox



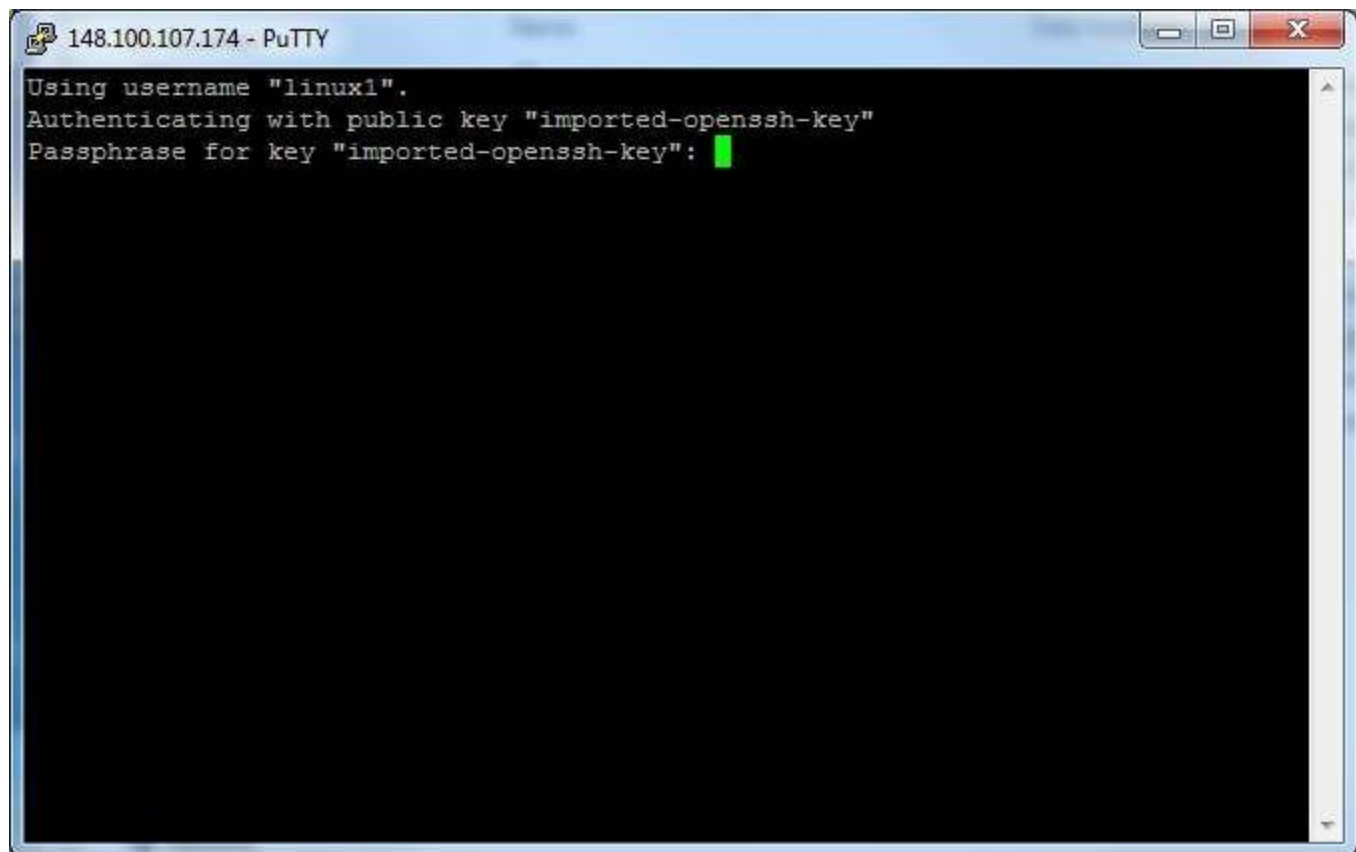
- Save the session configuration using the name of your image



- Click Open and acknowledge the Security Alert by clicking Yes



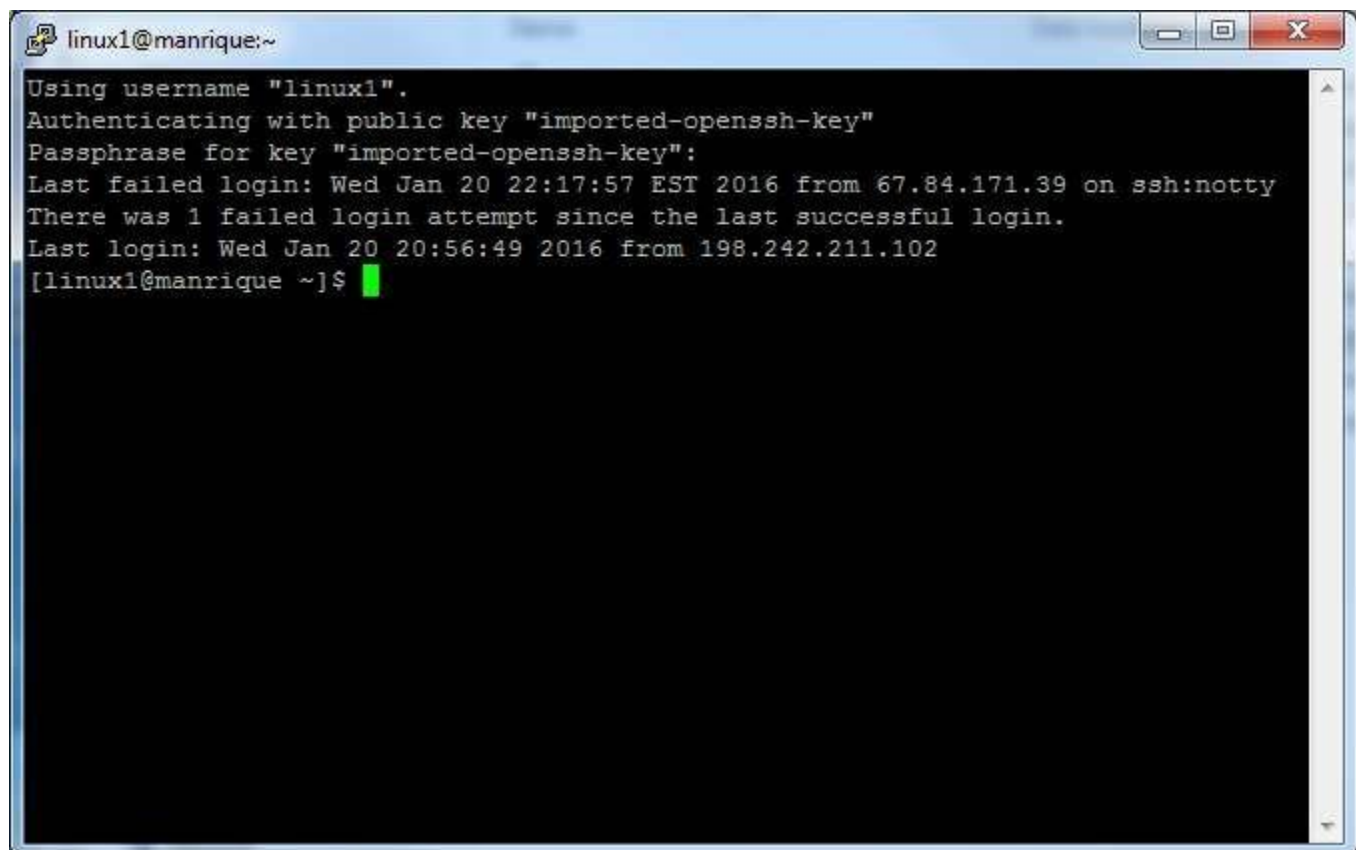
- Enter the passphrase for the protected private key

A terminal window titled "148.100.107.174 - PuTTY" with a black background and white text. The text shows the progress of an SSH login: the username "linux1" is used, authentication is performed with a public key, and a passphrase is entered. A green cursor is visible at the end of the passphrase line.

```
148.100.107.174 - PuTTY
Using username "linux1".
Authenticating with public key "imported-openssh-key"
Passphrase for key "imported-openssh-key":
```

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Welcome to bash!

A terminal window titled "linux1@manrique:~" with a black background and white text. It shows the completion of the SSH login process, including a warning about a failed login attempt and the final prompt. A green cursor is visible at the end of the prompt line.

```
linux1@manrique:~
Using username "linux1".
Authenticating with public key "imported-openssh-key"
Passphrase for key "imported-openssh-key":
Last failed login: Wed Jan 20 22:17:57 EST 2016 from 67.84.171.39 on ssh:notty
There was 1 failed login attempt since the last successful login.
Last login: Wed Jan 20 20:56:49 2016 from 198.242.211.102
[linux1@manrique ~]$
```