#### **PuTTY Tools**

Download all PuTTY binaries from, PuTTY Binaries

## **Background**

Details on Using public keys for SSH authetication can be found at, Using public keys for SSH authentication

### Protecting the private key

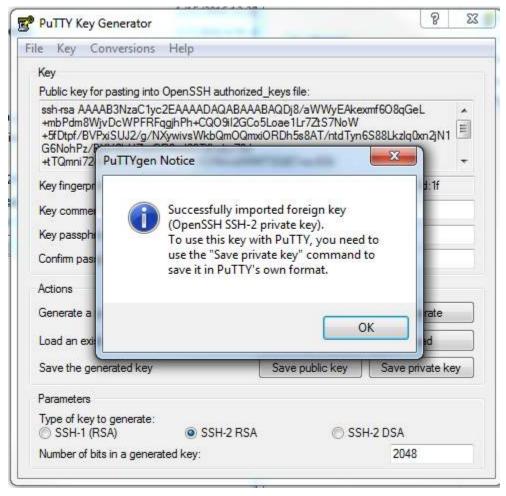
• Unzip the putty.zip file and run the PUTTYGEN program



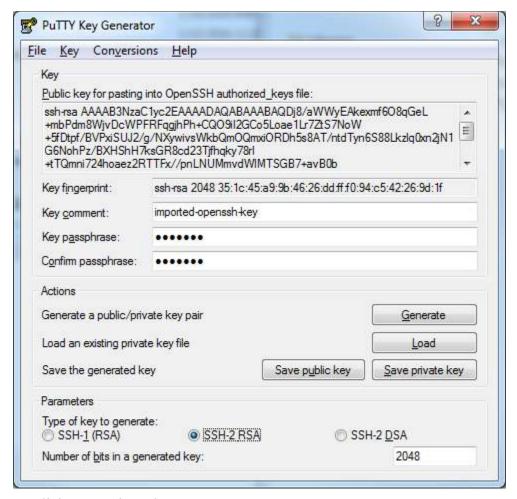
• Click on File->Load private key



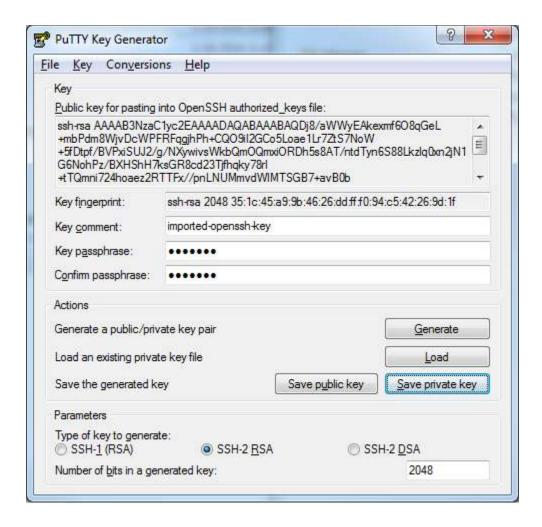
• Click OK button to acknowledge the successful notice



• Enter a key passphrase and confirm it



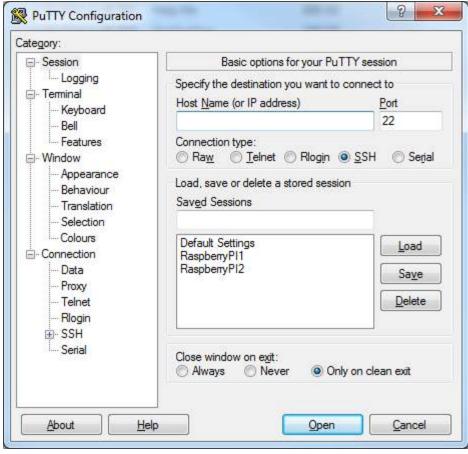
• Click Save private key



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

# Setting up PuTTY with the protected private key file

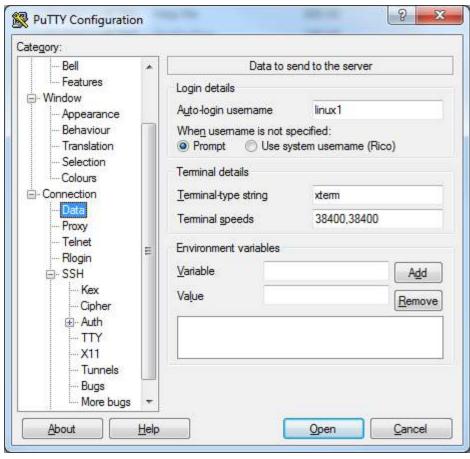
Start PuTTY



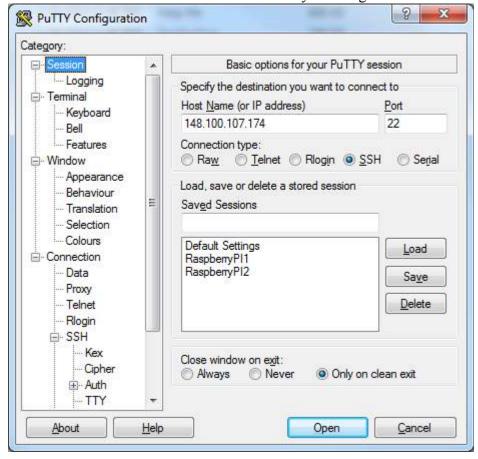
• Select Connection->SSH->Auth and Click Browse to select the protected private key file (.ppk)



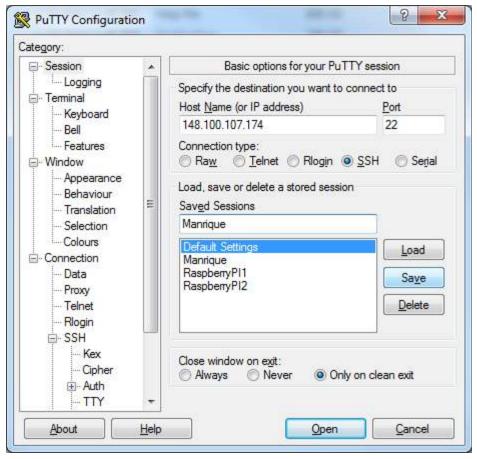
• Select Connection->Data and enter linux1 in the Auto-login username textbox



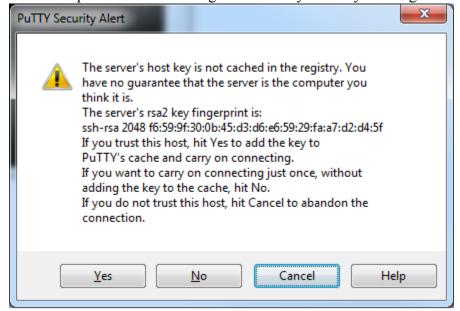
Select Session and enter the IP address for your image in the Host Name textbox



Save the session configuration using the name of your image



Click Open and akcknowledge the Security Alert by clicking Yes



• Enter the passphrase for the protected private key

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

#### Welcome to bash!

```
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 ~]$
```

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