

Keysight Hacking Platform Troubleshooting

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1 Overview

This document contains a list of common questions and their answers. You can use the contents menu in your PDF viewer to get a quick overview of the questions.

2 What user accounts are set up on the Raspberry Pi?

There are two user accounts set up on the Raspberry Pi. There is a regular user account called *keysight* and the administrator account called *root*. The password for both accounts is **keysight**. Note - the `sudo` program is not installed in the image. If you need to create or edit any system files you will have to use the *root* account.

User account	Password
keysight	keysight
root	keysight

3 I need to change some system settings on the Raspberry Pi. How do I do that?

You can do this by logging into a command shell on the Raspberry Pi by using the SSH protocol. On Linux and Mac systems the `ssh` program is installed by default. Simply start up a terminal emulator and type in **ssh <user account>@<device IP address>** (fill in the user account and IP address). You will then be prompted for the user account password. After entering the password you will be presented with a bash command prompt.

If you are using Windows you can download and install the [PuTTY](#) program. PuTTY has an option in it to create an SSH connection to a device. After starting up the PuTTY program click the **SSH** option under connection type and enter the IP address of your Raspberry Pi in the **Host Name** box and then click open. You will then be prompted for the user account name to use and then the user password. After that you will be presented with a bash command prompt.

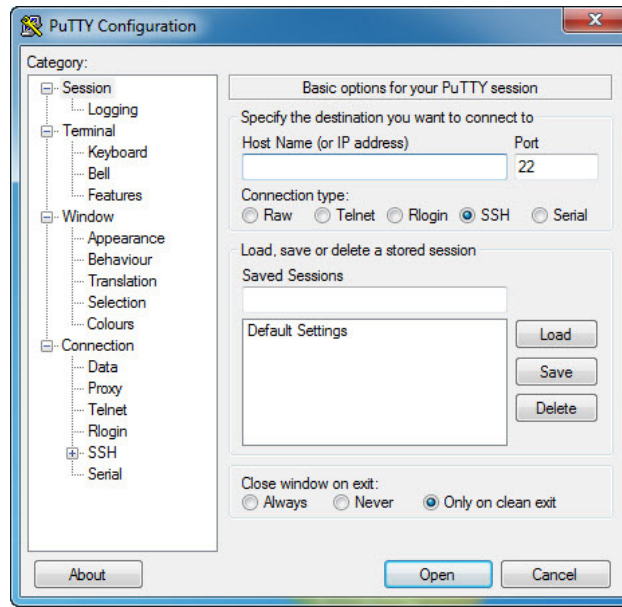


Figure 1: PuTTY Program

4 The VM image is running SLOW! Is there anything I can do about it?

Besides upgrading your computer? ;-) Most modern CPU's support hardware virtualization acceleration. This feature greatly speeds up a virtual machine. But, some computer (especially business computers) ship with the AMD-V or Intel Vt-x feature disabled in the BIOS. Google your particular computer model or CPU model to find if your computer supports hardware virtualization. If it does and your VM is still run noticeably slow, it may be worth rebooting your computer into the BIOS and making sure either the AMD-V or Intel-Vt feature is enabled for your computer.

5 What Qt Packages are installed?

Here is the list of Qt packages that are installed in the Raspberry Pi image:

- qt3d
- qtcharts
- qtconnectivity
- qtdatavis3d
- qtdeclarative
- qtgamepad
- qtgraphicaleffects
- qtlocation
- qtmultimedia
- qtquickcontrols2

- qtsensors
- qtserialbus
- qtsvg
- qtwebsockets
- qtvirtualkeyboard
- qtxmlpatterns