SIT716 Computer Networks and Security

Week 1 Workshop: Accessing Ubuntu On Campus

The materials in FutureLearn direct you to download copies of VirtualBox, Ubuntu, and Mininet, however this would be an exceedingly inefficient use of resources for students attending on-campus. To eliminate the need for this, we have pre-installed a copy of Ubuntu and the relevant software on central infrastructure we maintain within the School of Information Technology for you to access.

To access Ubuntu when at a Deakin campus, open your web browser and point it to:

https://myvm.it.deakin.edu.au/

You will be presented with a login screen as follows:

Login using your Deakin username and password (same login as for CloudDeakin or Deakin Sync). *Note that if you have only just enrolled in the unit, it may take a day for this screen to accept your login.*

Once you have logged in successfully, you will be presented with the following screen:
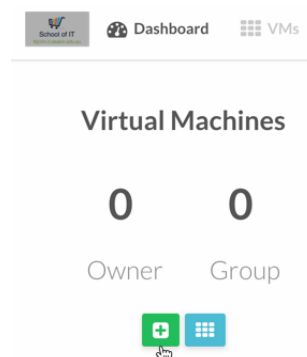
Click on the green ⊕ button to create your own copy of the Ubuntu virtual machine. You will now be presented with a list of available "template" virtual machines. Locate the template named **SIT716 Ubuntu Master Template** and click on its name:
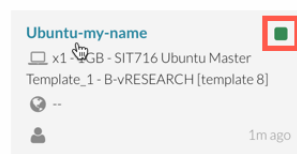

At the top of the page, give your copy of the virtual machine a unique name (include your name for this purpose), then click the green Create button (don't change any of the other settings):


The system will then display a page listing all of your virtual machines, where your Ubuntu VM will be displayed.

When this page is first displayed, your virtual machine is not yet ready. In the mid-right of the above image you can see a green box is highlighted – when this box is green the system is telling you that your virtual machine is ready for use. If this box is not green, wait a minute or two and then click the refresh button in the top-left (the circular arrows). Once the box turns green, click on its name to access the controls for your virtual machine (Ubuntu-my-name).
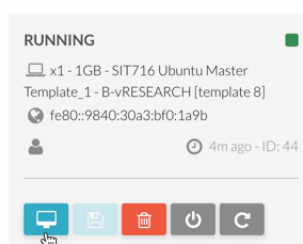
Finally, click on the 🖥 icon to access the console for your new virtual machine.

Note that this virtual machine is currently showing a "Connection failed" error message for the network. Please ignore this message, this is caused by the fact this VM does not have any network!

Note that if you are prompted to login to this VM, the user details are:

Username: cyber
Password: cyber

When you are finished working on the virtual machine, please make sure you shutdown the virtual machine which can be found by clicking the power button icon inside the power button menu at the top right of the desktop, then selecting the Power off button: