2.0.1t: Week 2 introduction

Hello again. This week we will cover the concepts of machine virtualisation, including the functionality of a virtual machine, why they are used and what is required to deploy a virtual machine.

We will also cover different types of virtual machines that are commonly deployed in computing environments such as type I and type II hypervisors, furthermore we will also discuss the benefits of virtual machines and also potential drawbacks.

We will also cover a practical guide on installing a guest operating system within the VirtualBox environment, this will allow you to understand how virtual machines work and what you can do with them. The tutorial will provide you with a basis for all subsequent modules that use virtual machines, and these virtual machines will use the VirtualBox virtualisation environment, a free of charge and open source virtualisation solution developed by Oracle systems.