**Section 2: Setting up the development Environment**

**Development Machine Requirements & Setup options**

1. **Min machine configuration**
2. **Setup options**

**Windows:**

Create a ubuntu VM to carry out testing/exercises

**Ubuntu:**

* Install binaries directly on the machine
* OR create a VM to carry out testing

**For creating virtual Machine:**

You may use:

* Vagrant (it is used here)
* Create VM directly on Hypervisor

**Introduction to Hypervisor & setup of Virtual Box and Vagrant**

1. Basics of virtualization
2. Installation of oracle virtual box and vagrant

Virtualization is the software simulation of the physical hardware, You have the **physical machine** and you can have one or more **virtual machines** which simulate isolated physical machines.

To make this magic happen.

There is a layer of software that sits right on top of the physical machine, and this software is known as the **hypervisor.**