**UBUNTU INSTALLATION USING VIRTUAL BOX**

**Download VirtualBox:**

* Go to VirtualBox website to download the binary for your current operating system.
* Since our host machine is running on Windows, choose 'x86/amd64' from Windows hosts.
* When download is finished, run the executable file.
* Continue with the installation of VirtualBox with the defaults.
* This will open VirtualBox at the end of the installation.

**Create Virtual Machine:**

* Open VirtualBox.
* Click 'New' button to open a dialog.
* Type a name for the new virtual machine. VirtualBox automatically changes 'Type' to Linux and 'Version' to 'Ubuntu (64 bit)'. Click 'Next' button.
* Choose the memory size.The memory size depends on your host machine memory size. Click 'Next' button.
* Accept the default 'Create a virtual hard drive now' and click 'Create' button.
* Continue to accept the default 'VDI' drive file type and click 'Next' button.
* Change the storage type from the default 'Dynamically allocated' to 'Fixed size' to increase performance and click 'Next' button.
* Choose the file location and size.
* Click 'Create' button and VirtualBox will generate Ubuntu virtual machine.
* The virtual machine is created.

**Install Ubuntu in Virtual Machine:**

* Select your new virtual machine and click 'Settings' button.
* Click on 'Storage' category and then 'Empty' under Controller:IDE.
* Click "CD/DVD" icon on right hand side and select the ubuntu ISO file which is already downloaded.
* Click 'OK' button to continue.
* Click on the new Ubuntu virtual machine and hit 'Start' button
* Click 'Install Ubuntu' button.
* Click 'Continue' button.
* Make sure 'Erase disk and install Ubuntu' option is selected and click 'Install Now' button.
* Ubuntu will ask you a few questions like location,keyboard layout,name etc. If the default is good, click 'Continue' button.
* The installation will continue until it is finished.
* After installation is complete, click 'Restart Now' button.
* The Ubuntu Desktop OS is ready.