



**Open Source Community
Linux Moderators Committee
Linux Workshop**

Lab(1) : Set Virtual Machine

Description : Virtual machine is a virtual operating system. Virtualization let you try or install multiple different operating systems without installing them physically on the hard disk. To set up virtual machine you will need:

1. Virtualization software (ex: Virtual-box, VMWare, ..etc).
2. .ISO version of the desired operating system (ex: Ubuntu-studio, Fedora, Kubuntu, CentOS, ... etc).

Steps:

1. Open your favorite web browser (ex: Google-Chrome, Firefox, ...etc).
2. Go to “www.virtualbox.org”.
3. Download the suitable version of virtual-box compatible with your host.

Notes:

- Host = The current operating system running on your device.
 - Guest = The operating system you want to run as virtual machine.
 - Virtual-box version depends on the host not the guest.
 - Ex: If the host is windows, and you want to run Ubuntu, you download an install virtual-box “.exe” version not “.deb” one, and vice versa.
4. Install Virtual-box.
 5. Open your favorite search engine (ex: Google).
 6. Search for the desired guest operating system (ex: Xubuntu, Fedora, Ubuntu-mate,...).
 7. Download the .iso version.
 8. From Virtualbox, create new virtual machine.
 9. Set up the desired amount of memory, hard-disk for the virtual machine.



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10. In “Select start-up disk” browse and choose the .iso version.
11. Continue with installation process.
12. Reboot the virtual machine.

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