Installing and Configuring Virtual Machine - VMware and Ubuntu Setup

Step 1: Download Required Software

1. VMware Workstation Player (Free for personal use)

- Website: https://www.vmware.com/products/workstation-player.html

- Download and install it according to your OS.

2. Ubuntu ISO File

- Website: https://ubuntu.com/download/desktop

- Download the latest LTS version (e.g., Ubuntu 22.04 LTS).

Step 2: Install VMware Workstation Player

- Run the installer and follow the on-screen instructions.

- Accept the license agreement.

- Finish setup and launch VMware.

Step 3: Create a New Virtual Machine

- Open VMware Workstation Player.

- Click on "Create a New Virtual Machine".

- Choose "Installer disc image file (iso)" and browse to the Ubuntu ISO file.

- Click Next.

Step 4: Configure Ubuntu VM

- Name the VM (e.g., "Ubuntu 22.04") and choose a location to save.

- Disk Capacity: Minimum 20 GB (store virtual disk as a single file).

- Customize Hardware:

- RAM: 2 GB (Recommended: 4 GB or more)

- Processors: 2 cores

- Network Adapter: NAT or Bridged (default is fine)

- CD/DVD: Use the Ubuntu ISO

Step 5: Install Ubuntu on the VM

- Start the VM and Ubuntu installation screen will appear.

- Click "Install Ubuntu".

- Choose keyboard layout and installation type.

- Erase disk and install Ubuntu (applies only inside VM).

- Set username and password.

- Click Continue and let installation complete.

Step 6: Post-Installation Configuration

- Restart the VM and log in.

- Update the system with: sudo apt update