

## Week 2 – VM Installation Documentation

Course: IT 123

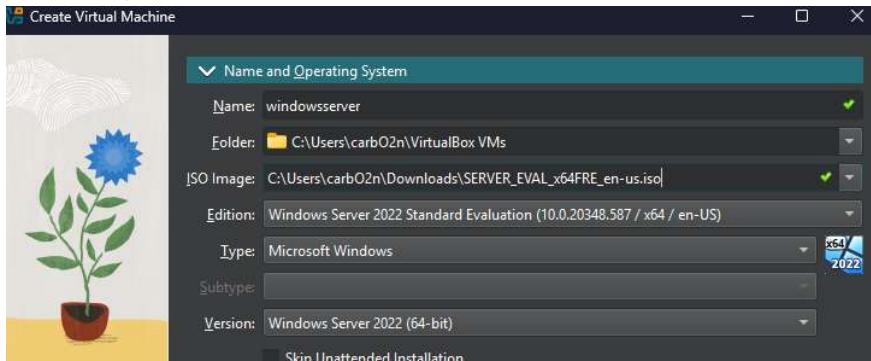
Lab Title: Installing and Configuring Windows & Linux Virtual Machines in VirtualBox

Name: Clutario John Omar

### ◆ Part 1 – Windows Server Installation

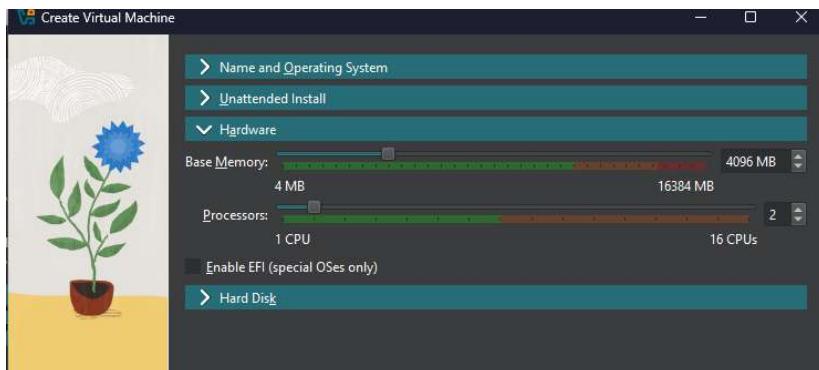
#### Step 1: Create a New VM and Select OS Type and Version

- Action: Open VirtualBox → Click **New** → Enter **Windows\_Server**.



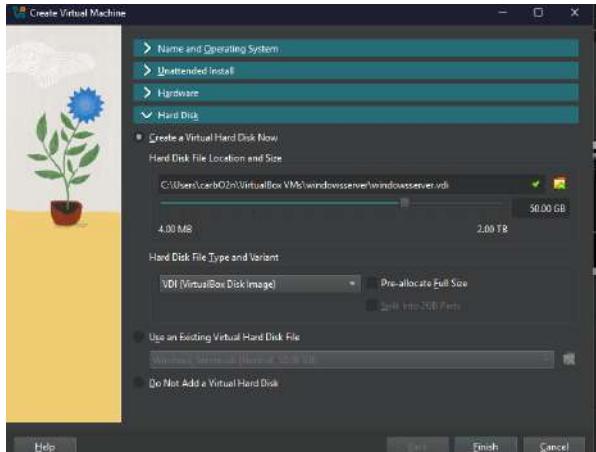
#### Step 2: Allocate Resources

- RAM: 4096 MB
- CPU: 2 cores



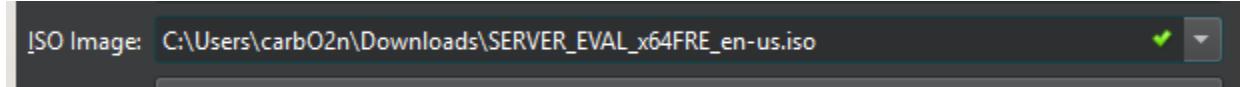
### Step 3: Create Virtual Hard Disk

- Disk: 50 GB
- Format: VDI, Dynamically Allocated



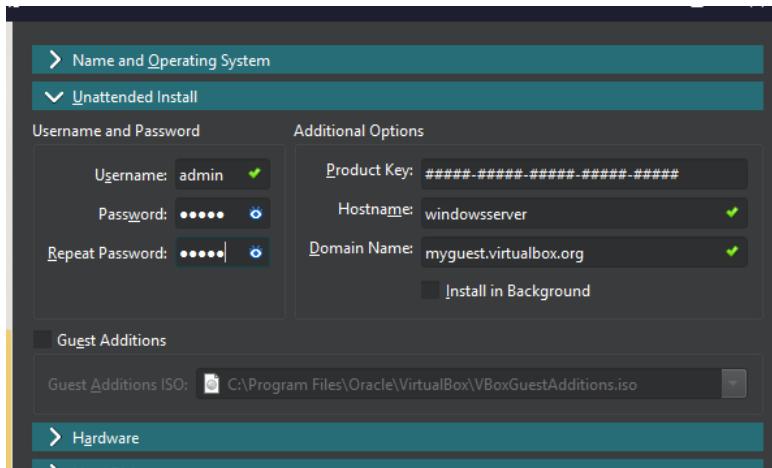
### Step 4: Attach Windows Server ISO

- Settings → Storage → Attach Windows\_Server.iso



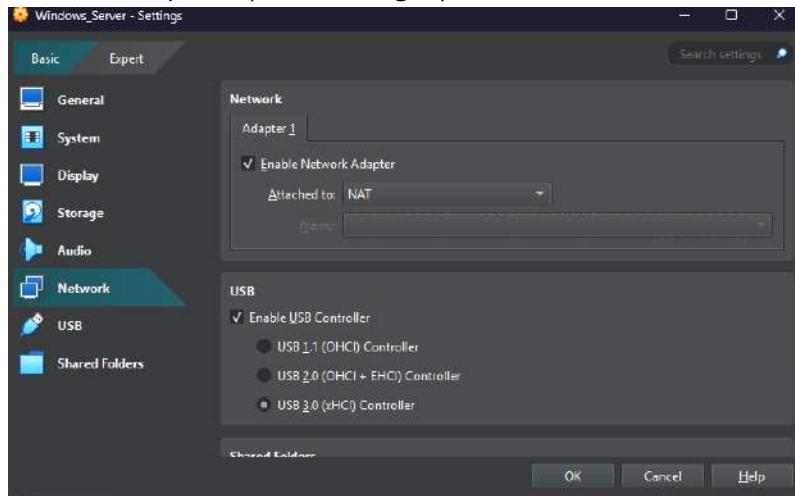
### Step 5: Install Windows Server

- Follow the installer wizard.
- Username: Admin
- Password: P@ssw0rd123

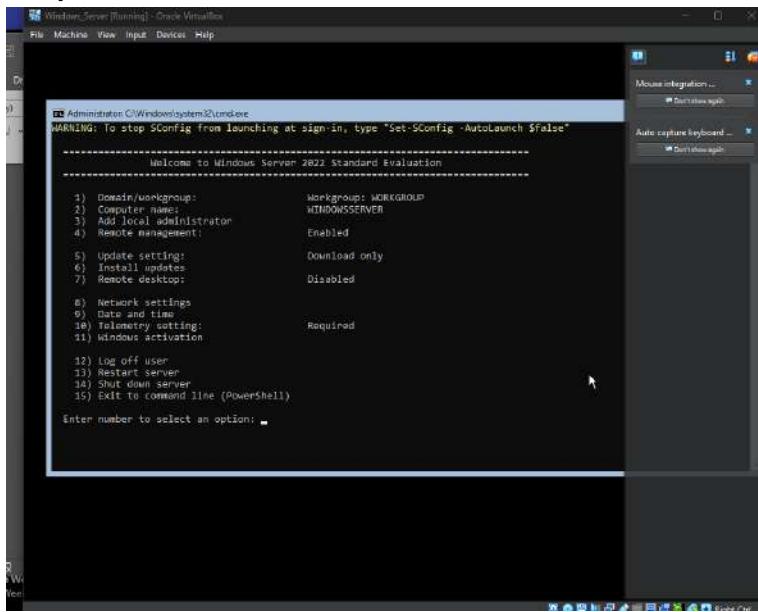


## Step 6: Networking

- Enabled Adapter 1 (NAT or Bridged).



Snapshot Taken: Clean Install – Windows Server



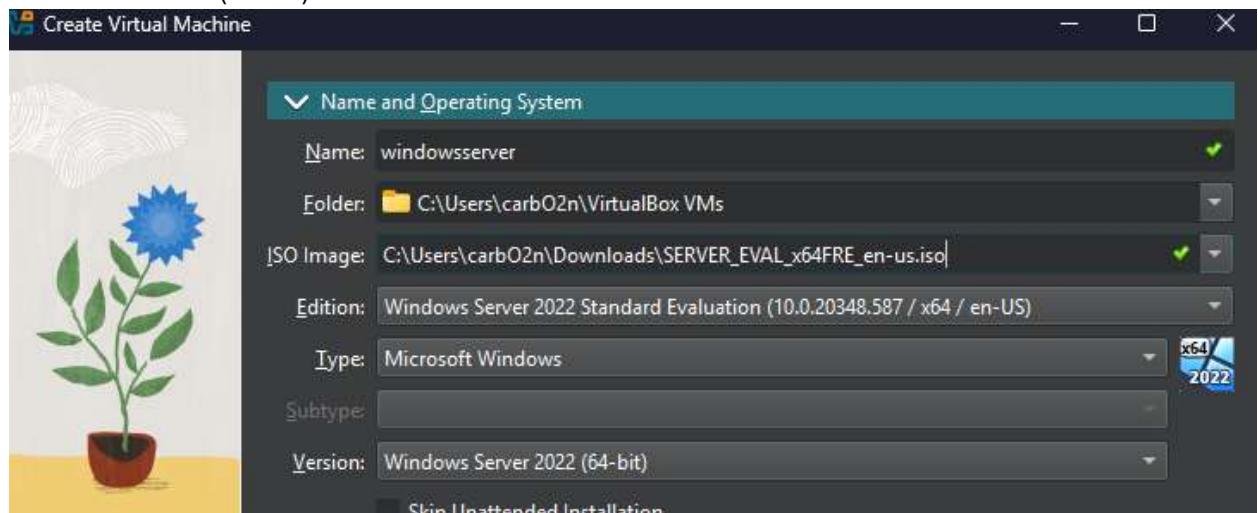
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## Part 2 – Ubuntu Server Installation

### Step 1: Create a New VM / Select OS Type and Version

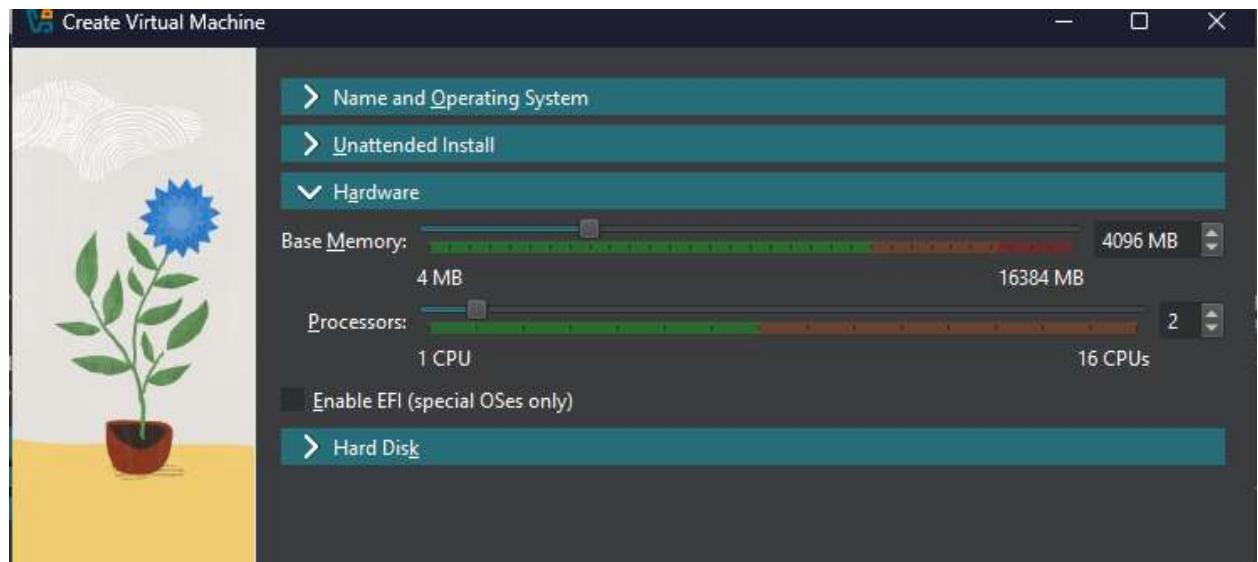
- Action: Open VirtualBox → Click **New** → Enter **Ubuntu\_Server**.
- Type: Linux

- Version: Ubuntu (64-bit)



## Step 2: Allocate Resources

- RAM: 2048 MB
- CPU: 2 cores



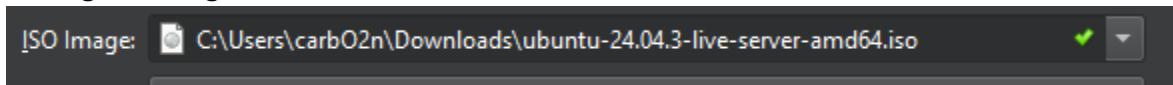
- Step 3: Create Virtual Hard Disk
- Disk: 30 GB

- Format: VDI, Dynamically Allocated



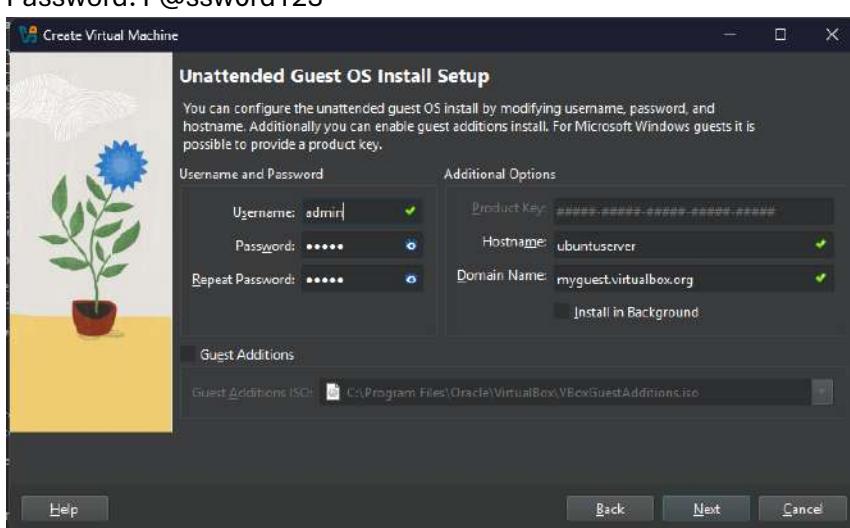
### Step 5: Attach Ubuntu Server ISO

- Settings → Storage → Attach ubuntu-22.04-live-server-amd64.iso



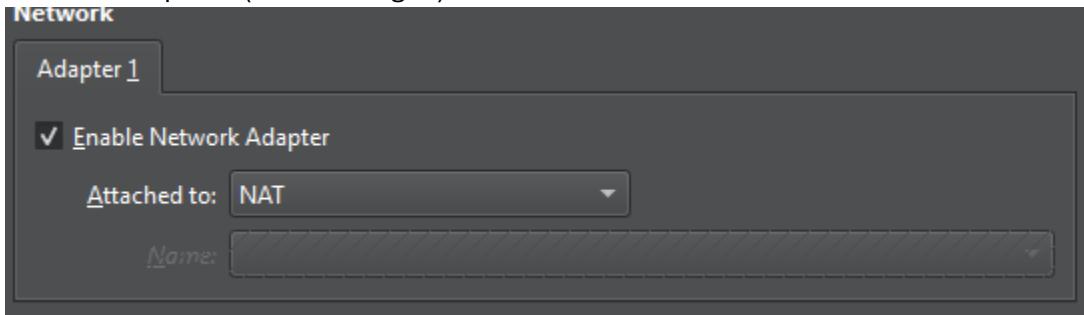
### Step 6: Install Ubuntu Server

- Language: English
- Install OpenSSH Server
- Username: admin
- Password: P@ssw0rd123

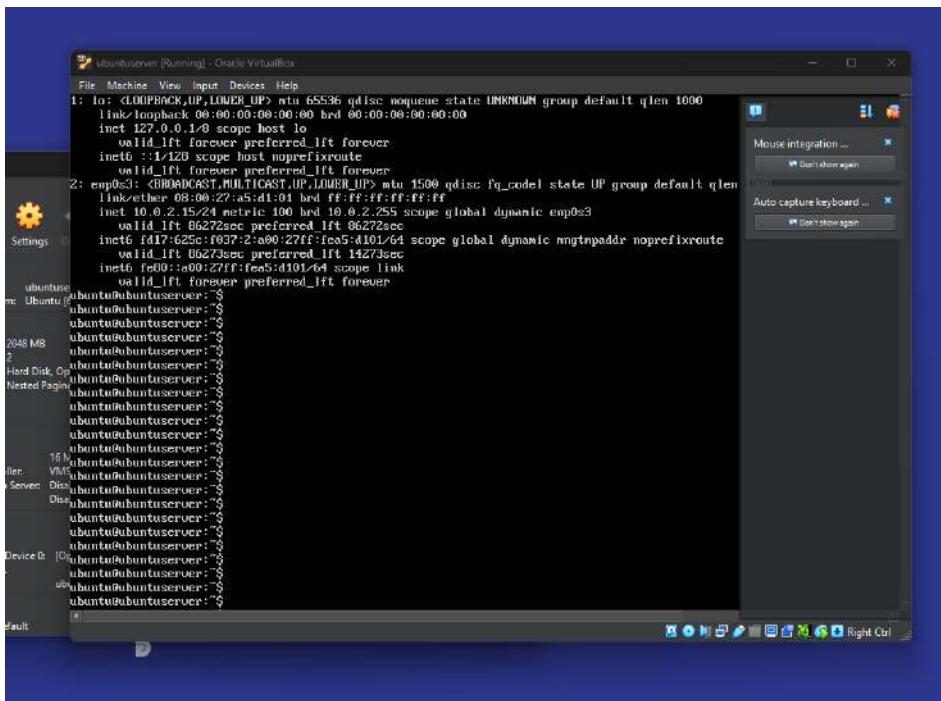


### Step 7: Networking

- Enabled Adapter 1 (NAT or Bridged).



**Snapshot Taken:** Clean Install – Ubuntu Server



## Git Push to Repository and Lab Note

The screenshot shows a GitHub repository interface. The left sidebar lists branches: 'main' (selected), 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The main area shows a list of files under the 'Week2' branch. The files listed are: 'lab\_notes.html', 'lab\_notes.txt', 'ubuntu\_login.png', 'ubuntu\_vm\_settings.png', 'win\_login.png', and 'win\_vm\_settings.png'. The 'lab\_notes.html' file is highlighted with a red border.