



[lubuntu os installation]



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Operating system and system programming individual assignment.

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Submitted to wendimu baye

Installation of lubuntu os

introduction

virtualization technology is the process of creating virtual version of something like operating system and others by using software instead of using hardware for each system. in short virtualization technology allows many systems run in single hardware by using virtual machine. virtual machine acts like real computer and logically separate from host but physically depends on host because it gain many resources from host like storage, CPU , RAM. Even though a VM runs on our actual hardware, it acts like a separate machine. and Lubuntu is a lightweight, user-friendly Linux distribution that is based on Ubuntu but uses the LXQt desktop environment, which is known for its speed and low system resource usage. It is an excellent choice for older hardware or users who want a fast and efficient desktop environment.

Objectives

1. Understand the concept of creating virtual machines and running different operating systems within a virtualized environment.
2. Install the Lubuntu operating system within a virtual machine using VMware Workstation.
3. to understand the usability of Lubuntu OS and its performance in a virtualized environment.

Requirements

i. Hardware Requirements

1. A 64-bit processor
2. At least 2GB of RAM (4GB or more recommended for better performance)
3. A minimum of 10GB of free hard disk space to store the virtual machine and the operating system installation files.
4. Network: An active internet connection (when we're installing updates or downloading the OS image)

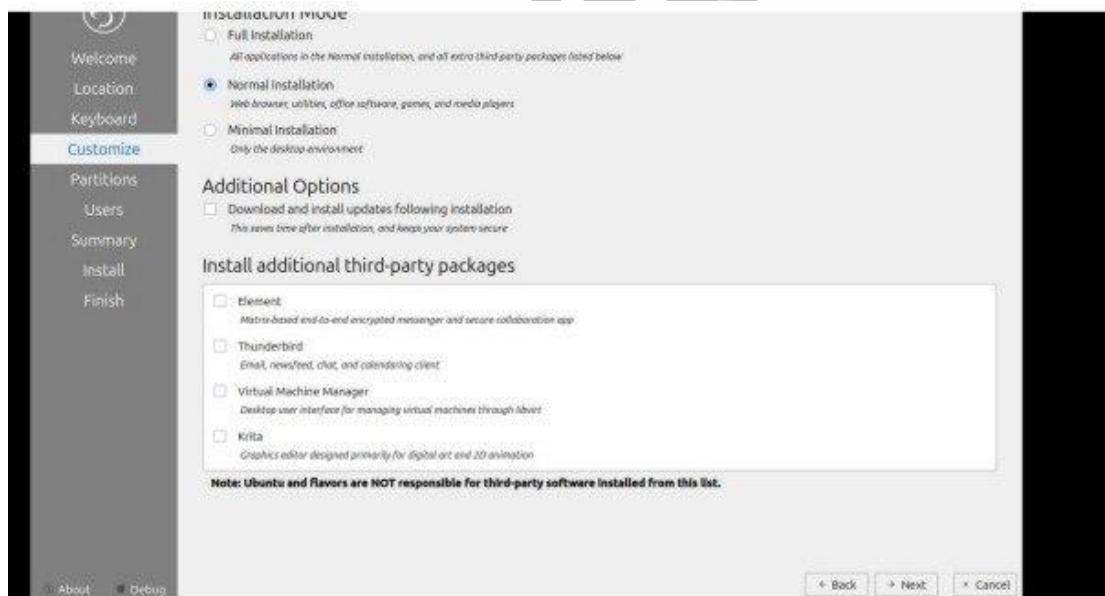
ii. Software Requirements

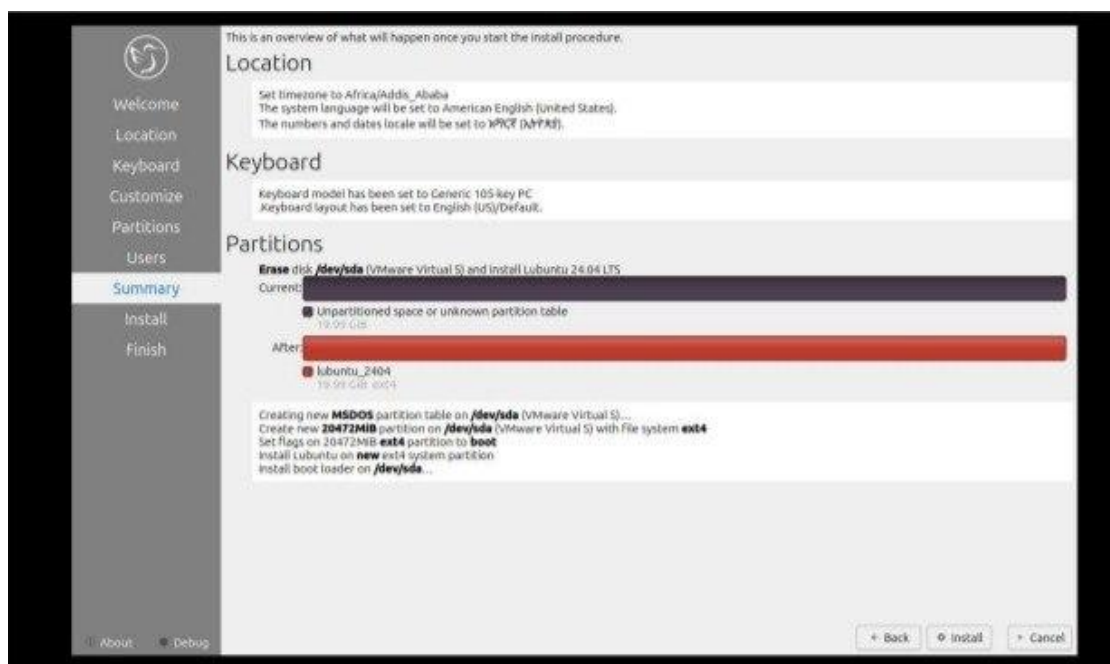
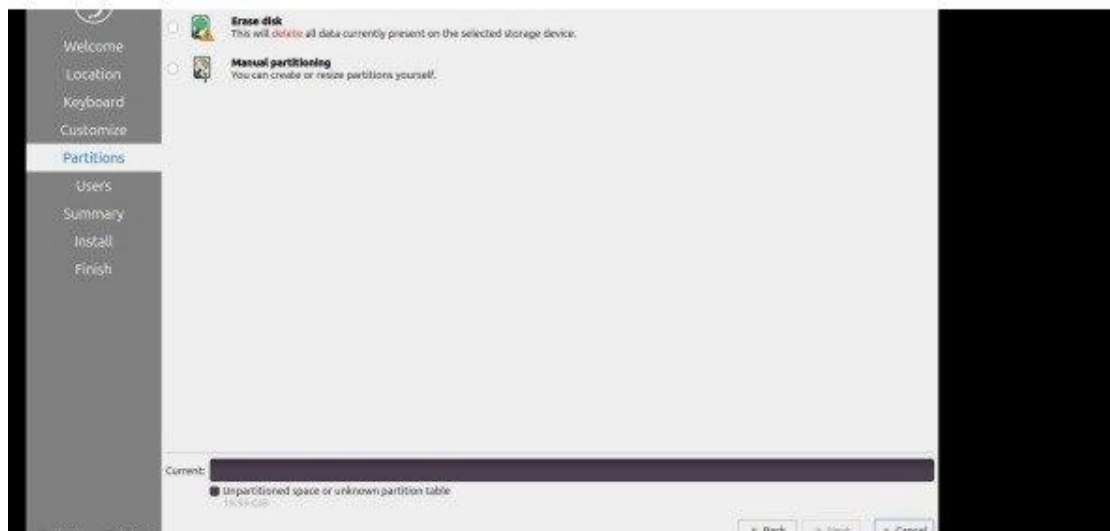
1. VMware Workstation
2. Lubuntu OS ISO File

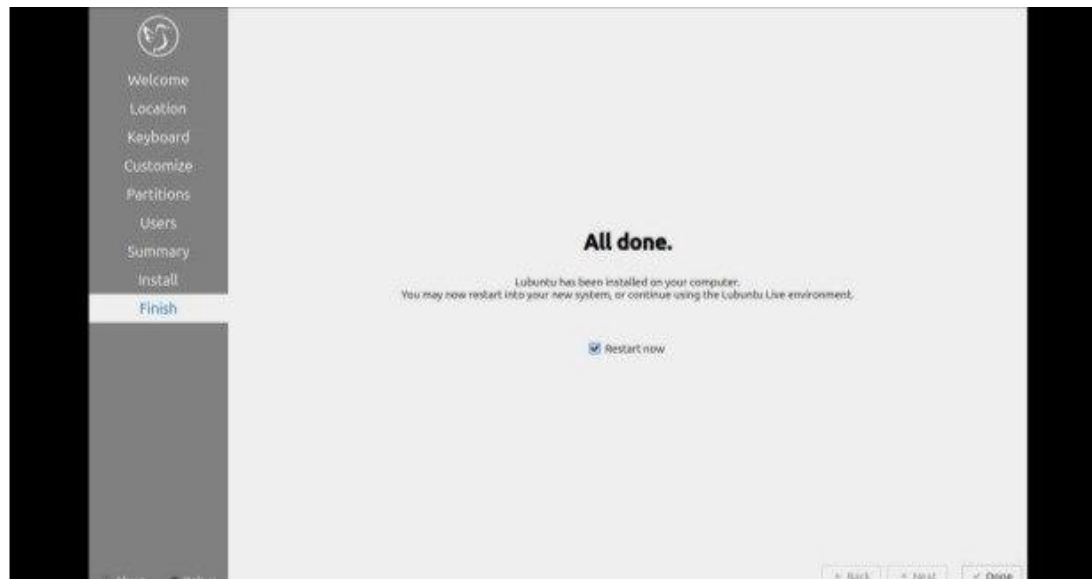
Installation steps

1. *First, download and install vmware workstation.*
2. *Then,create a new virtual machine.*
3. *And set vmware recommended steps and select os ISO file.*
4. *power on new virtual machine.*











ossp