

18-June-2024

Training Day - 1 Report:

Installation and Configuration of Ubuntu in Dual Boot with Windows 11

Overview

Today, I embarked on an exciting journey to set up **Ubuntu** alongside my existing **Windows 11** installation. This dual-boot configuration will allow me to explore the Linux environment while retaining access to Windows for daily tasks.

Preparations

- **Research and Planning:** Dedicated time to understanding dual-boot setups, ensuring compatibility between Ubuntu and Windows 11.
- **Data Backup:** Created a full backup of all important files on an external drive as a precautionary measure.

Installation Process

1. **Creating a Bootable USB:**
 - Downloaded the latest Ubuntu ISO file.
 - Used **Rufus** to create a bootable USB drive.
2. **Partitioning the Disk:**
 - Allocated separate space for Ubuntu without interfering with the Windows partition.
3. **Running the Installation Wizard:**
 - Selected language, timezone, keyboard layout, and the "Install Ubuntu alongside Windows Boot Manager" option.

Configuration

- **Post-Installation Setup:**
 - Updated the system and installed essential drivers for seamless functionality.
- **GRUB Bootloader:**
 - Configured GRUB to manage startup options, ensuring smooth transitions between Ubuntu and Windows.
- **Personalization:**
 - Customized the desktop environment, installed essential software, and set up browser and email preferences.

Challenges Faced

1. UEFI and Secure Boot:

- Had to disable Secure Boot and tweak UEFI settings for a smooth Ubuntu installation.

2. Driver Issues:

- Encountered minor Wi-Fi connectivity issues that were resolved by updating drivers via the Ubuntu software updater.