

# Server OS Installation

## Step 1: Download Debian ISO

1. Go to the [Debian Website](#) and download the Debian installer ISO image suitable for your computer architecture (e.g., amd64 for 64-bit systems).

## Step 2: Create a Bootable USB Drive

2. Insert a USB drive into your computer. Make sure it's empty, as all data on it will be erased during this process.
3. Download and install a tool like Rufus (for Windows) or balenaEtcher (for Windows, macOS, and Linux).
4. Open Rufus or balenaEtcher and select the Debian ISO file you downloaded.
5. Choose your USB drive as the target device.
6. Click "Start" to create the bootable USB drive. This process may take some time.

## Step 3: Boot from the USB Drive

7. Restart your computer.
8. As your computer restarts, press the key to enter the boot menu. This key is usually F12, F11, ESC, or Del, depending on your computer's manufacturer.
9. Select the option to boot from the USB drive. It may be labeled as "USB" or "UEFI: USB" depending on your system's firmware.

## Step 4: Install Debian

10. Once the Debian installer loads, you'll be presented with several options. Choose "Graphical Install" for an easier graphical installation process, or "Install" for a text-based installation.
11. Follow the on-screen instructions to complete the installation. You'll need to select your language, location, keyboard layout, and set up users and passwords.
12. When prompted, choose whether to use the entire disk or set up partitions manually. If you're unsure, you can choose the guided option for automatic partitioning.
13. Wait for the installation to complete. Once finished, you'll be prompted to restart your computer.
14. Remove the USB drive and press Enter to restart your computer.

# Step 5: Post-Installation Setup

15. After your computer restarts, Debian should boot up from the hard drive. Log in with the username and password you created during installation.
16. You may want to update your system to ensure you have the latest software packages.

Open a terminal and run:

```
sudo apt update
```

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sudo apt upgrade
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