Debian 13 VM Installation

Debian 13 – Installation Manual (Expert Install)

Start

- **Advanced Options**
- **Expert Install**
- **Debian Installer Main Menu**

Language and Region

- Language: `English`
- Location: `Other → Europe → Austria`
- Locale: `en_US`
- Keyboard layout: `English (UK)` (if using a German keyboard, change to `DE`)

Keyboard Configuration

- In the Main Menu, select the **second option** → Press `Enter`
- Select **Keyboard** → Press `Enter`
- Keep pressing `Enter` until the setup is complete

Network

- **Configure Network → Auto Configure**
- Hostname: `debian13`
- Domain: leave empty / clear

Users and Passwords

- Login as **Root**: `Yes`
- Root password: `einfach`
- Create regular user: `Yes`
  - Username: `debian_admin`
  - Password: `einfach`

Time and Date

- Configure Clock with NTP: `Yes`

Partitioning

- **Partition Disks → Manual**
- Select the disk
- Partitioning: `Yes`
- Partition table type: `GPT`
- Create partitions:
    - 250 MB → EFI Boot Partition
    - 2 GB → Swap Area
    - Remaining Space → Ext4
- Finish partitioning and write changes to disk: `Yes`

Install the Base System

- **Install the Base System**
- Kernel: `linux-image-arm64` (default) ⚠️ **Note: On most windows computers its** `amd64`
- Drivers: `targeted` (lower option)

Package Management

- Scan extra installation media: `No`
- Use network mirror: `Yes`
- Protocol: `HTTP`
- Non-Free Firmware: `No`
- Non-Free Software: `No`
- Contrib software: `yes`
- APT-Repository: `Yes`
- Security Updates: `Yes`

Software Selection

- **Select and Install Software**
- Security updates: `automatically install`
- Participate in the package usage survey: `Yes`
- Software selection:
    - Deselect everything except **Standard system utilities**
- Confirmation:
    - Force: `Yes`
    - Update: `Yes`
- Run OS-Prober: `No`

Finish

- Finish installation: **Finish**
- Timezone: `UTC → Yes`
- Reboot: `Continue to Reboot → Yes`

VirtualBox Guest Additions (Apple Silicon / ARM64)

1️⃣ Insert Guest Additions

- In the Menubar:
  Devices → Insert Guest Additions CD Image

2️⃣ Mount the CD

```
sudo mount /dev/cdrom /media/cdrom
cd /media/cdrom
(ls -l)
```

3️⃣ Start the Installation

```
./VBoxLinuxAdditions-arm64.run
# use sudo if required
```

- ⚠️ Note
  - `-arm64` is only required for **Apple Silicon Chips (arm64)**
  - on most Windows machines, this is not needed