

# Lab 1 Exploring Linux distributions

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## Question 1

1. What is the OS Type: **Linux**
2. Which major distro is it based on? **Debian**
3. Which processor architecture does it support? **armhf, ppc64el, riscv, s390x, x86\_64**
4. Is the distribution active or is it discontinued? **Active**
5. What is the distro's home page?

## Question 2

1. What is the name of the distribution and the OS Type: **Linux**
2. Which major distro is it based on? **Manjaro, Arch**
3. Which processor architecture does it support? **x86\_64**
4. Is the distribution active or is it discontinued? **Active**
5. What is the distro's home page? <https://maboxlinux.org/>

## Question 3

1. What is the name of the distribution? **LXLE**
2. What is the country of Origin? **USA**
3. What major distribution is it based on? **Debian, Ubuntu**
4. What is the distribution category? **Desktop, Live Medium, Old Computers**
5. Which processor architecture, aside from the one in the original query, does the OS support? **i686, x86\_64**

## Question 4

A Linux distribution used for Data Rescue/Data recovery

Distro Name	Website	Desktop Environment
Clonezilla Live	<a href="https://clonezilla.org/">https://clonezilla.org/</a>	No Desktop

A Linux distribution used for Education that supports the ix86 processor architecture.

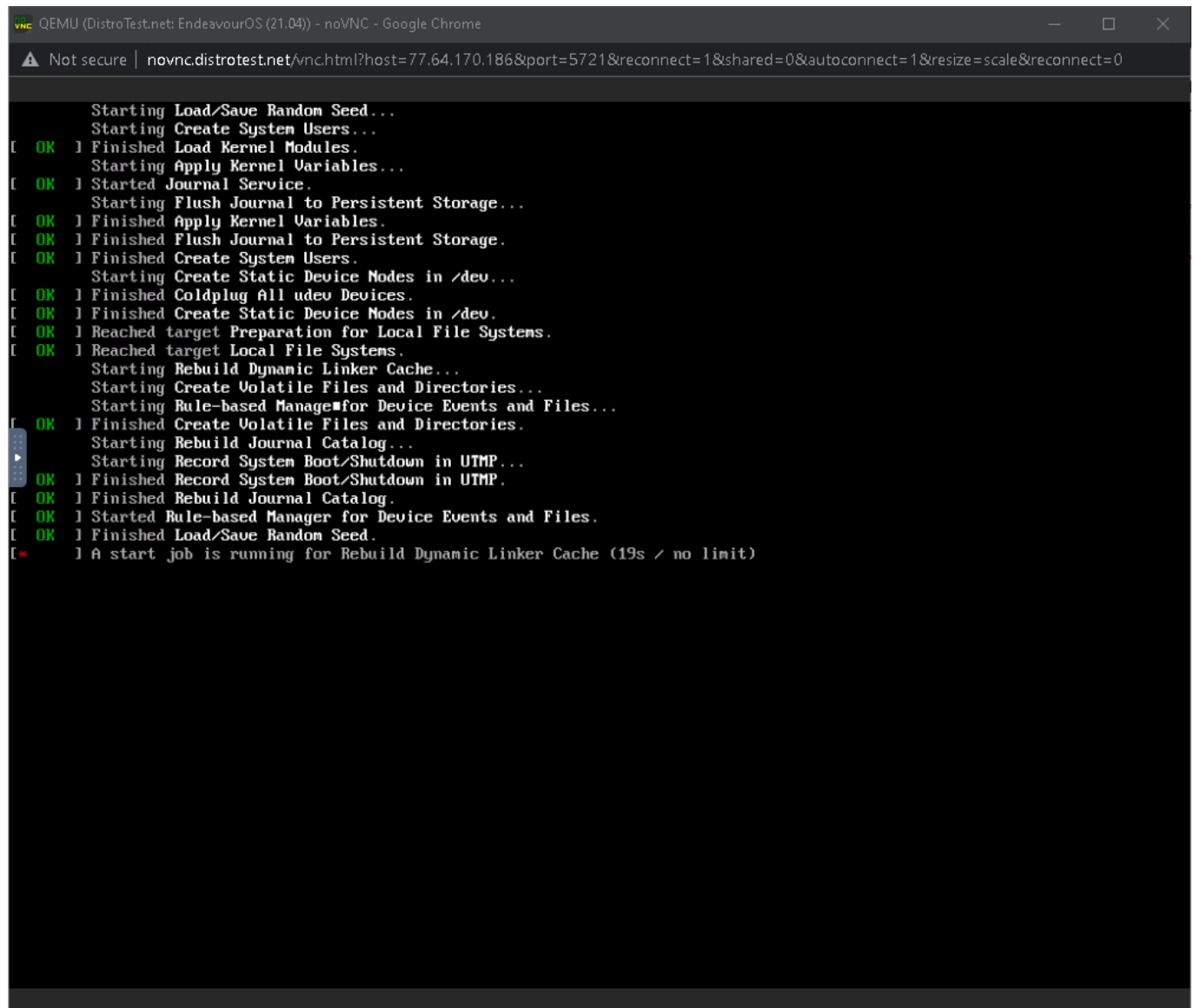
Distro Name	Website	Desktop Environment
PrimTux	<a href="https://primtux.fr/">https://primtux.fr/</a>	Fluxbox

A Linux distribution that supports the OEM installation method

Distro Name	Website	Desktop Environment
Linux Mint	<a href="https://linuxmint.com/">https://linuxmint.com/</a>	Cinnamon, MATE, Xfce

## Question 5 (Extra credit 2 pts - Optional)

## Question 6



The screenshot shows a terminal window titled "QEMU (DistroTest.net: EndeavourOS (21.04)) - noVNC - Google Chrome". The address bar indicates a connection to novnc.distrotest.net. The terminal output displays the following boot sequence:

```
Starting Load/Save Random Seed...
Starting Create System Users...
[ OK ] Finished Load Kernel Modules.
Starting Apply Kernel Variables...
[ OK ] Started Journal Service.
Starting Flush Journal to Persistent Storage...
[ OK ] Finished Apply Kernel Variables.
[ OK ] Finished Flush Journal to Persistent Storage.
[ OK ] Finished Create System Users.
Starting Create Static Device Nodes in /dev...
[ OK ] Finished Coldplug All udev Devices.
[ OK ] Finished Create Static Device Nodes in /dev.
[ OK ] Reached target Preparation for Local File Systems.
[ OK ] Reached target Local File Systems.
Starting Rebuild Dynamic Linker Cache...
Starting Create Volatile Files and Directories...
Starting Rule-based Manager for Device Events and Files...
[ OK ] Finished Create Volatile Files and Directories.
Starting Rebuild Journal Catalog...
Starting Record System Boot/Shutdown in UTMP...
[ OK ] Finished Record System Boot/Shutdown in UTMP.
[ OK ] Finished Rebuild Journal Catalog.
[ OK ] Started Rule-based Manager for Device Events and Files.
[ OK ] Finished Load/Save Random Seed.
[ * ] A start job is running for Rebuild Dynamic Linker Cache (19s / no limit)
```

