

Installing Android on VMWARE

@mmar



Android is one of the most common operating systems out there. Setting up android inside VMWARE will provide us a safe platform to practice pentesting

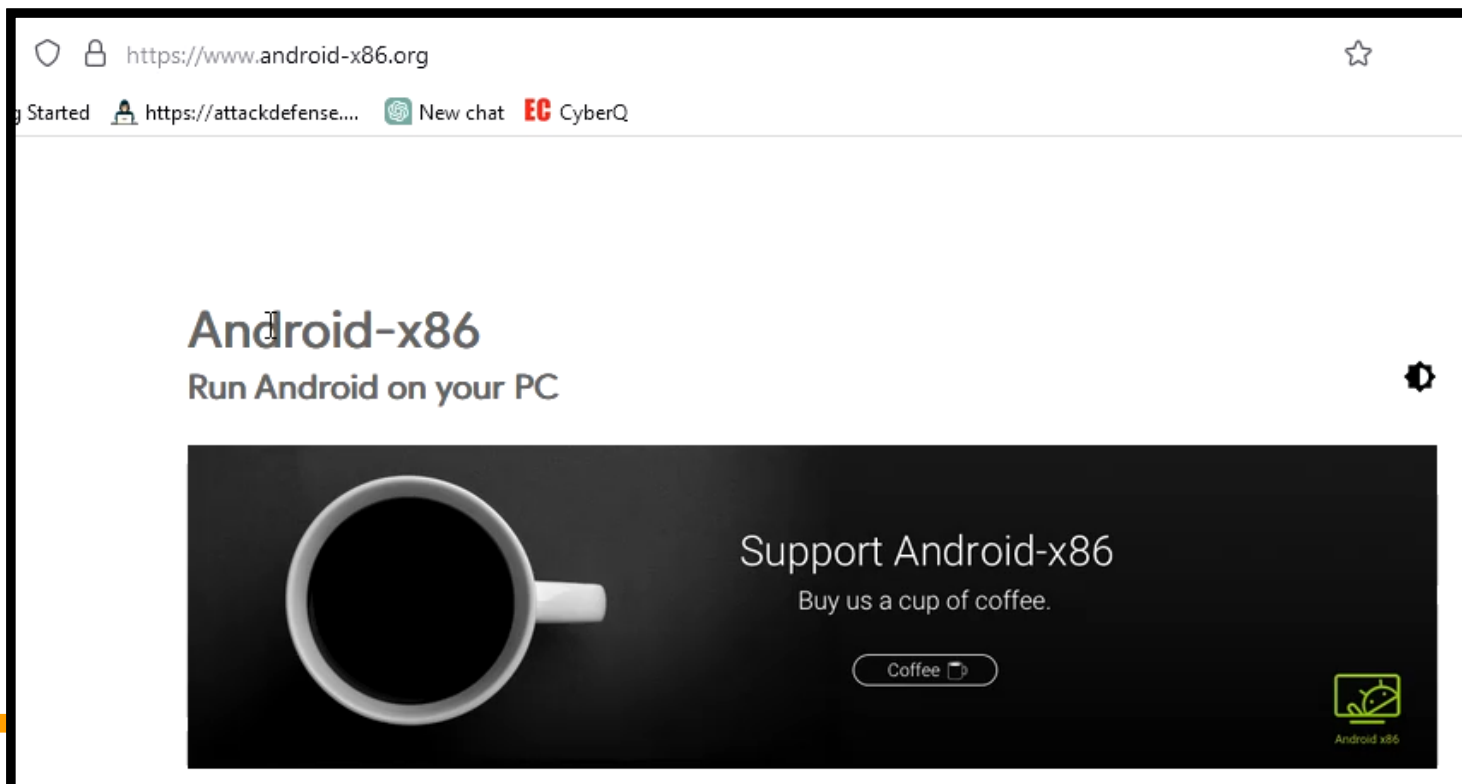
“

*You should be having VMWARE on
your machine*

Step- 1

- ❖ Download android image from the following website

<https://www.android-x86.org/>



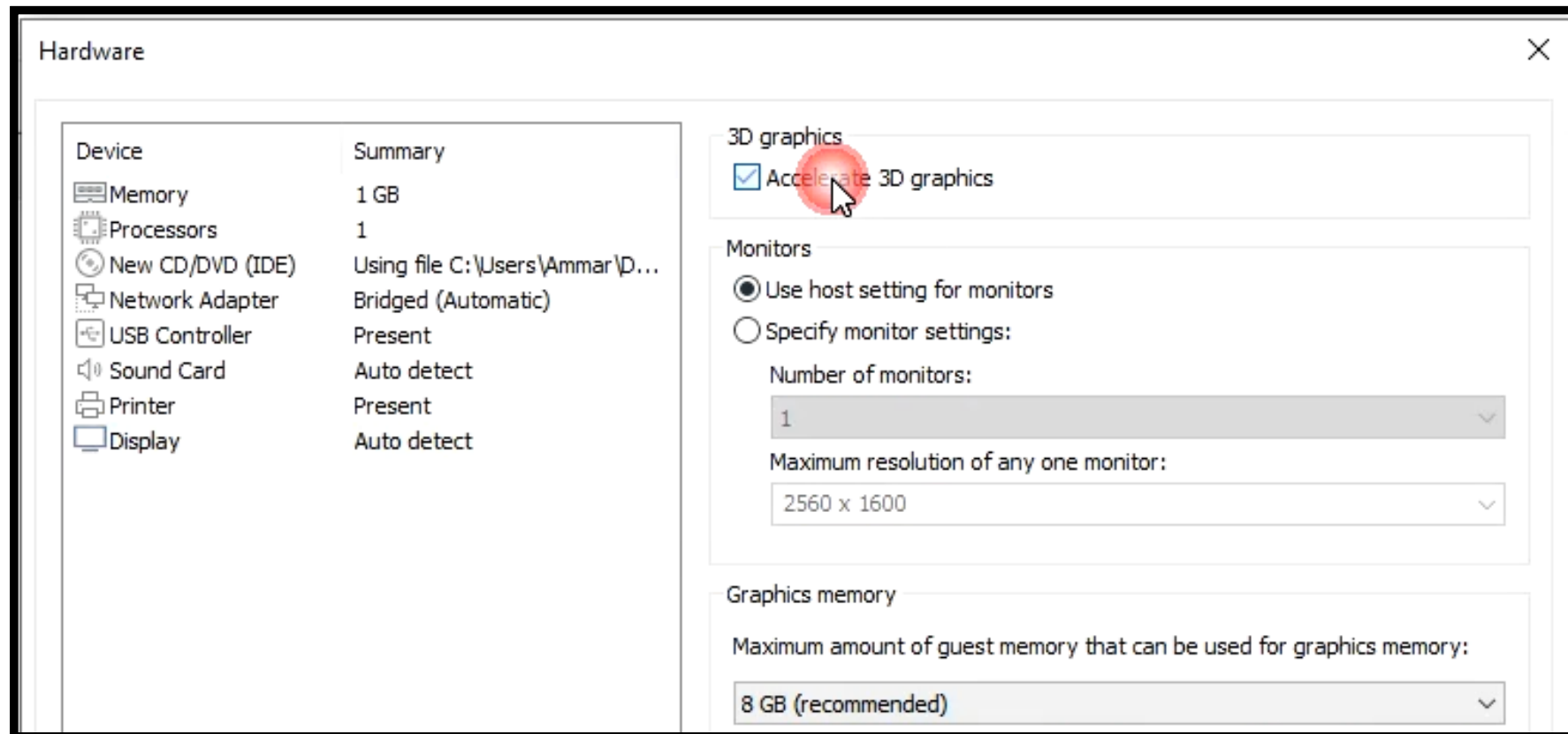
Step- 2

❖ Create a new Virtual Machine and keep the following settings

- Kernel other linux 4.x
- Network NAT
- Disk Type IDE

Step- 3

- ❖ Now in the settings tab, enable hardware acceleration



The screenshot shows the 'Hardware' settings window for a virtual machine. On the left, a list of hardware components is shown with their respective summary values:

Device	Summary
Memory	1 GB
Processors	1
New CD/DVD (IDE)	Using file C:\Users\Ammar\D...
Network Adapter	Bridged (Automatic)
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

On the right, the '3D graphics' section is expanded, showing the following settings:

- Accelerate 3D graphics

The 'Monitors' section is also visible, with the following settings:

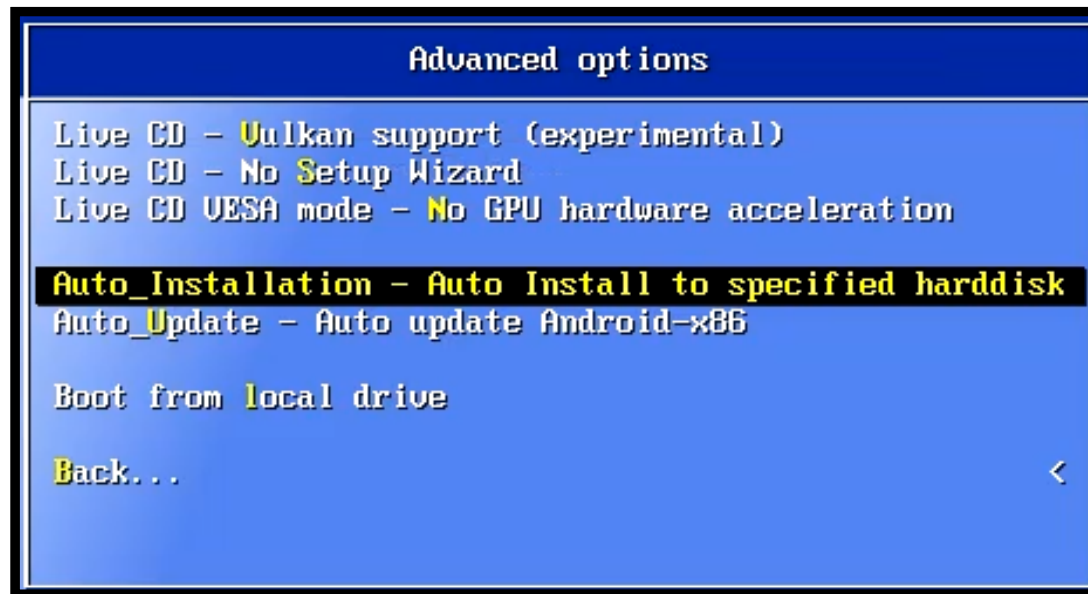
- Use host setting for monitors
- Specify monitor settings:
 - Number of monitors: 1
 - Maximum resolution of any one monitor: 2560 x 1600

The 'Graphics memory' section is also visible, with the following setting:

- Maximum amount of guest memory that can be used for graphics memory: 8 GB (recommended)

Step- 4

- ❖ Now boot the VM and choose advanced options and select the option to auto install



Step- 5

- ❖ Once the system boots, press e and then again press e and change the quiet mode to following

`nomodeset xforcevesa`

```
Trusted GRUB 1.1.5 (http://trustedgrub.sf.net)
[ No TPM detected! ] (635K lower / 1046400K upper memory)
```

```
Android-x86 9.0-r2
Android-x86 9.0-r2 (Debug mode)
Android-x86 9.0-r2 (Debug nomodeset)
Android-x86 9.0-r2 (Debug video=LVDs-1:d) press e
```

```
[0]
kernel /android-9.0-r2/kernel quiet root=/dev/ram0 vmlalloc=192M SRC=/>
initrd /android-9.0-r2/initrd.img
```

Press e again

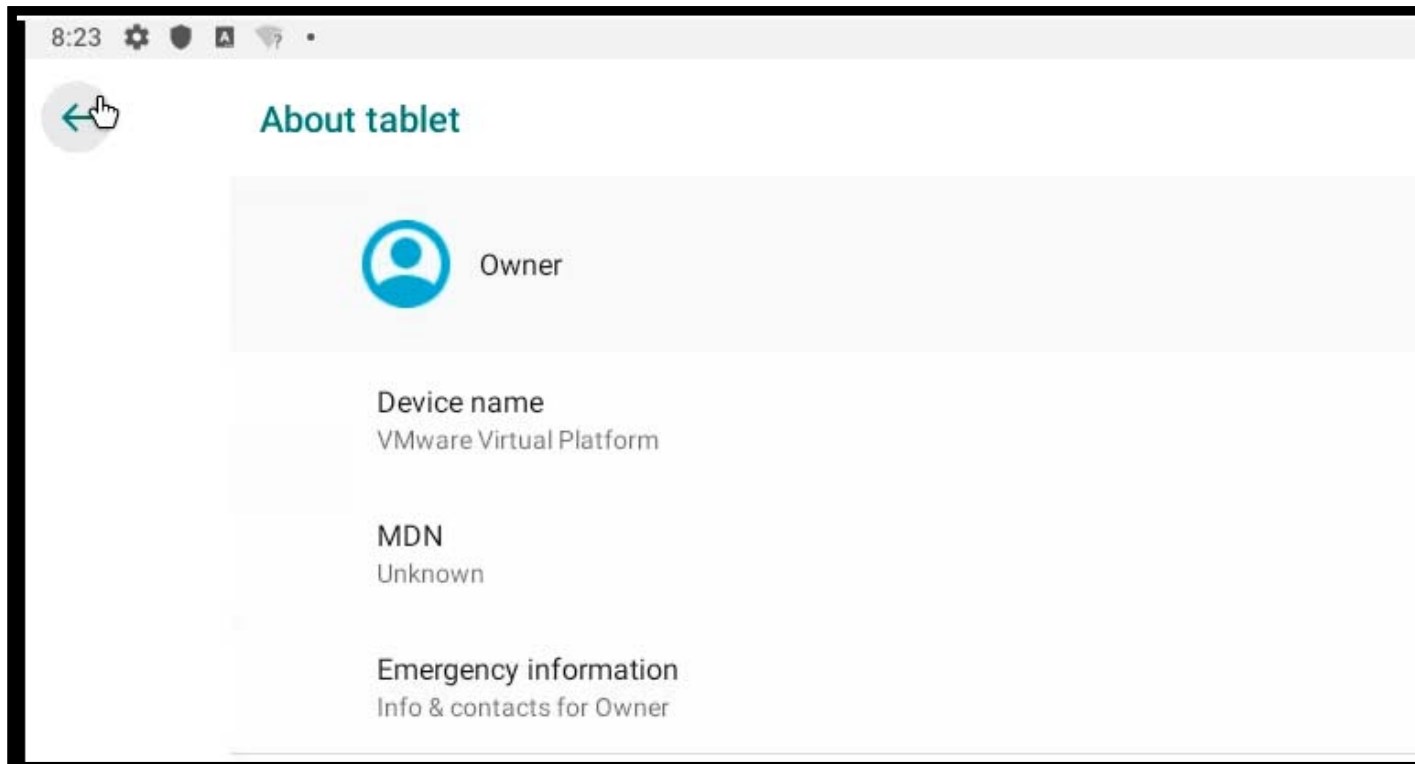
```
upported. For the first word, TAB
Anywhere else TAB lists the possible
SC at any time exits. ]
```

```
l nomodeset xforcevesa root=/dev/ram0 v>
```

Set it

Step- 6

- ❖ We will have our android running inside Vmware.





DEMO



THANKS