University of Babylon
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Ethical Hacking

Lab 1&2 : Install Kali Linux

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Hacking Lab

The Importance → Testing

Types → Physical M. → Single os

Types → Virtual M → Multiple os

The Contents → Hacking Machine → Testing Tools

The Contents → Infected Machine → Infected Tools

The Contents → Communication → Network

Hacking Lab

Virtual M

Free
- VMware Player
- VirtualBox
- Hyper-V

Commercial
- VMware Workstation
- Vsphere
- XenServer

System Requirements

- The requirements for VMware Player and VMware Workstation Pro are very similar, as detailed below.

- CPU: You'll need a 64-bit processor with a core speed of at least 1.3 GHz.

- RAM: A minimum of 2 GB of memory is necessary, but we recommend 4 GB or more.

- Disk Space: Workstation Player only requires 150 MB of free disk space for installing the software. If you install Workstation Pro, you'll require approximately 1.2 GB of free disk space for the application installation.

- Here are the minimum system requirements for installing Kali Linux on VMware:

- At least 2 GB of RAM, although we recommend 4 GB or higher.

- At least 20 GB of free hard disk space.

Downloading and Installing VMware

- There are two types of VMware Workstation available, including a free and a paid version.

- **Free Version (Player)**

- The free version of VMware is called VMware Workstation Player. It is a basic version of the software that is suitable for personal use. With VMware Workstation Player, you can create and run virtual machines on your desktop or laptop. It supports a wide range of operating systems, including Windows, Linux, and macOS. However, it has limited features compared to the paid version.Download: https://www.vmware.com/content/vmware/vmware-published-sites/us/products/workstation-player.html.html

- **Paid Version (Pro)**

- The paid version of VMware is called VMware Workstation Pro. It is a more advanced version of the software that is suitable for professional use. With VMware Workstation Pro, you can create and run virtual machines on your desktop or laptop, as well as on servers. It also supports the same operating systems as the free version. Download : https://www.vmware.com/products/workstation-pro/workstation-pro-evaluation.html

VMWARE
WORKSTATION
PLAYER™ 17

VMware Workstation Player

VMware Workstation Player is an ideal utility for running a single virtual machine on a Windows or Linux PC. Organizations use Workstation Player to deliver managed corporate desktops, while students and educators use it for learning and training.

The free version is available for non-commercial, personal and home use. We also encourage students and non-profit organizations to benefit from this offering.

Commercial organizations require commercial licenses to use Workstation Player.

Need a more advanced virtualization solution? Check out Workstation Pro.

Try Workstation 17 Player for Windows	Try Workstation 17 Player for Linux
DOWNLOAD NOW ❯	DOWNLOAD NOW ❯

- Click the "Download Now" button for the version you want to download. The installation process is identical for both the Player and Pro version.
- If you download the paid version, you will need a license key to activate it, **and here are some keys:**
- --checked

MC60H-DWHD5-H80U9-6V85M-8280D < worked for me!

4A4RR-813DK-M81A9-4U35H-06KND

- --unchecked

NZ4RR-FTK5H-H81C1-Q30QH-1V2LA

JU090-6039P-0840g-8J0QH-2YR7F

4Y09U-AJK97-089Z0-A3054-83KLA

4C21U-2KK9Q-M8130-4V2QH-CF810

double-click on the VMware installer file from the folder you saved it to and start the installation process. Click Next

Accept the license agreement and click Next. Click Next three more times, and finally, click Install. Once VMware is installed, click Finish, and you can proceed to install Kali on VMware.
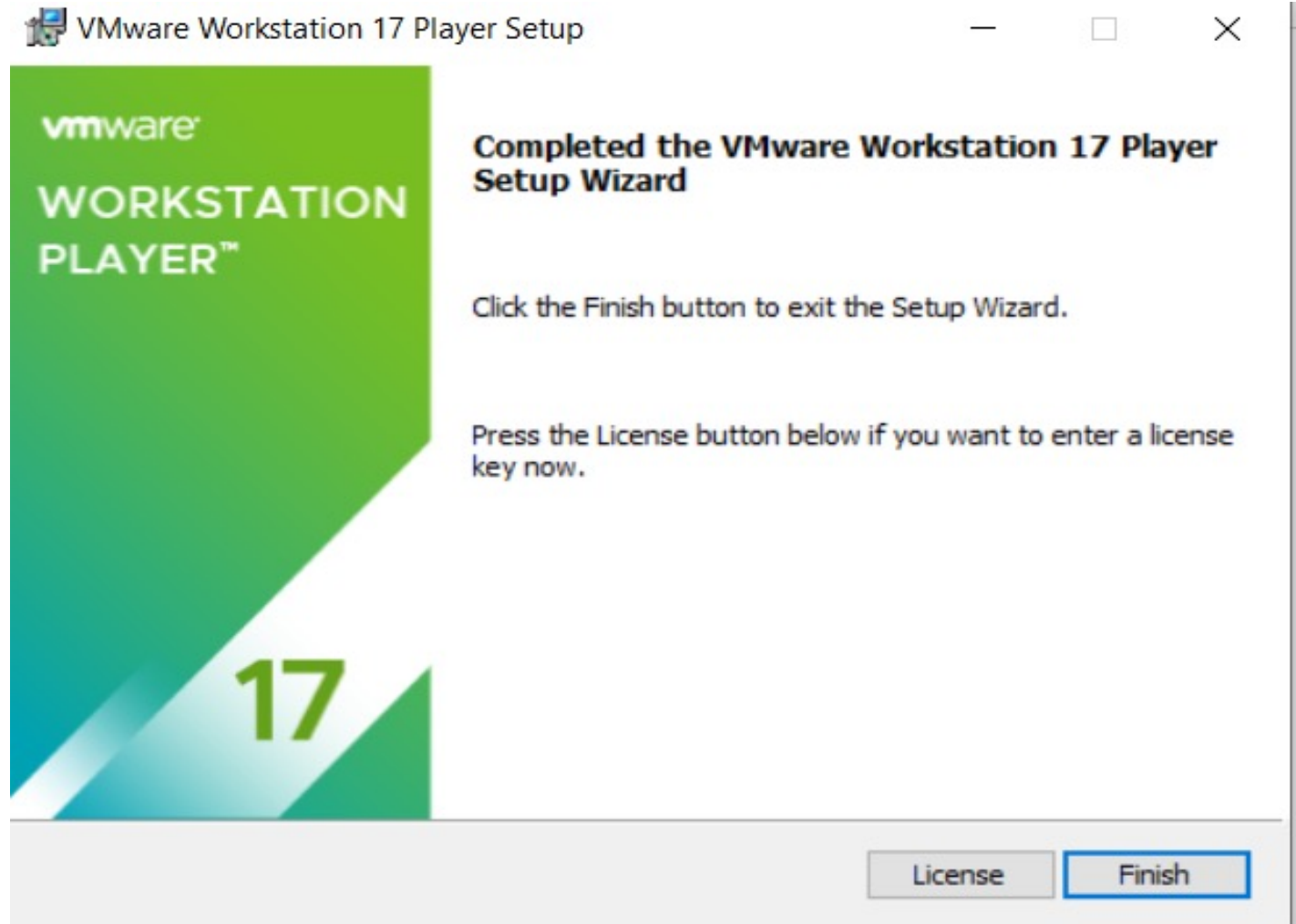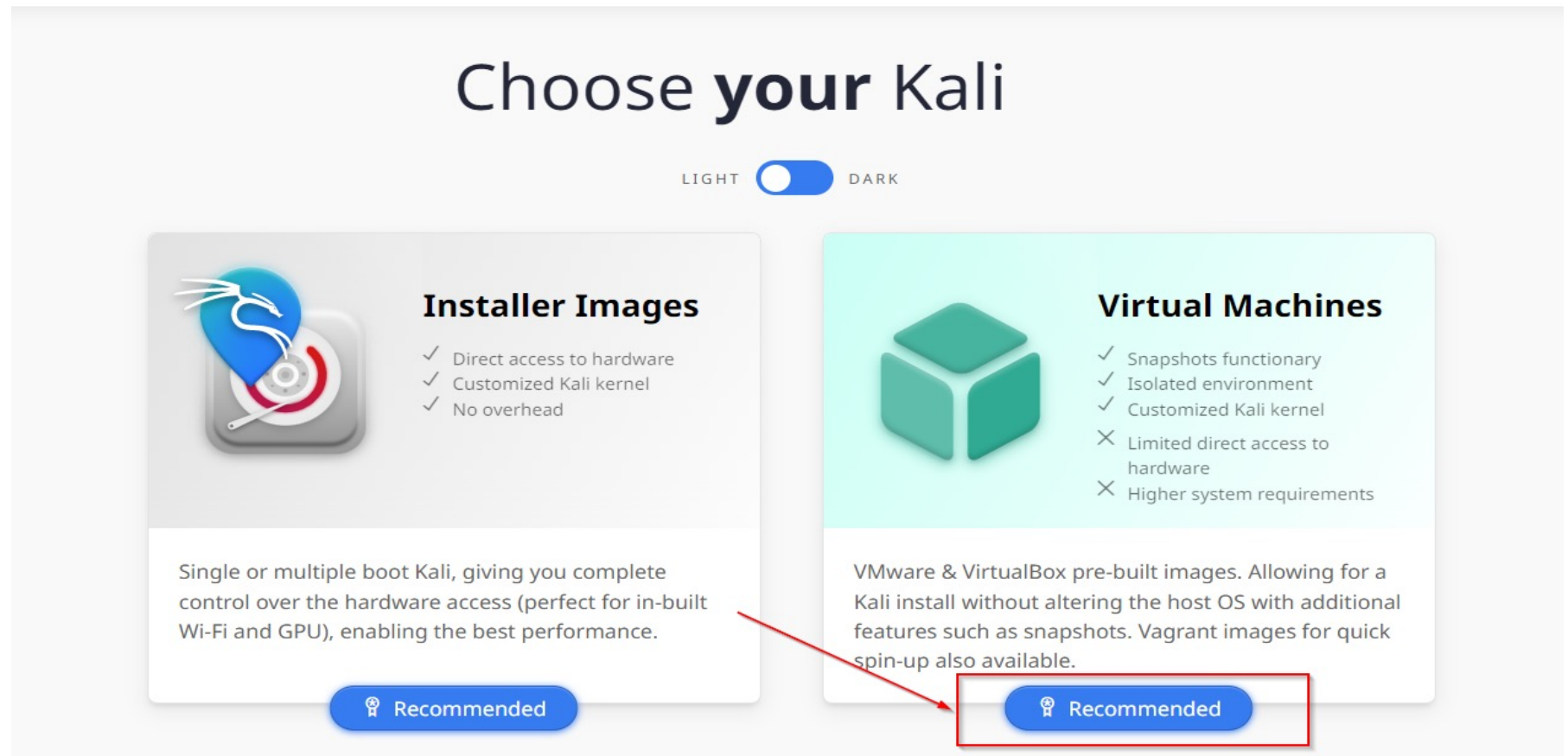
Downloading Kali

- There are two ways we can download and install Kali on VMware, using the **.iso** or the **VMware image file**. We recommend using the prebuilt VMware file, which is completely configured and ready to go. It's a much easier process and takes little time to get it up and running.

Using a Virtual Machine Image

To download the Kali VMware image, follow these steps:

Step1: Go to the official Kali Linux website ([Download Kali](#)).
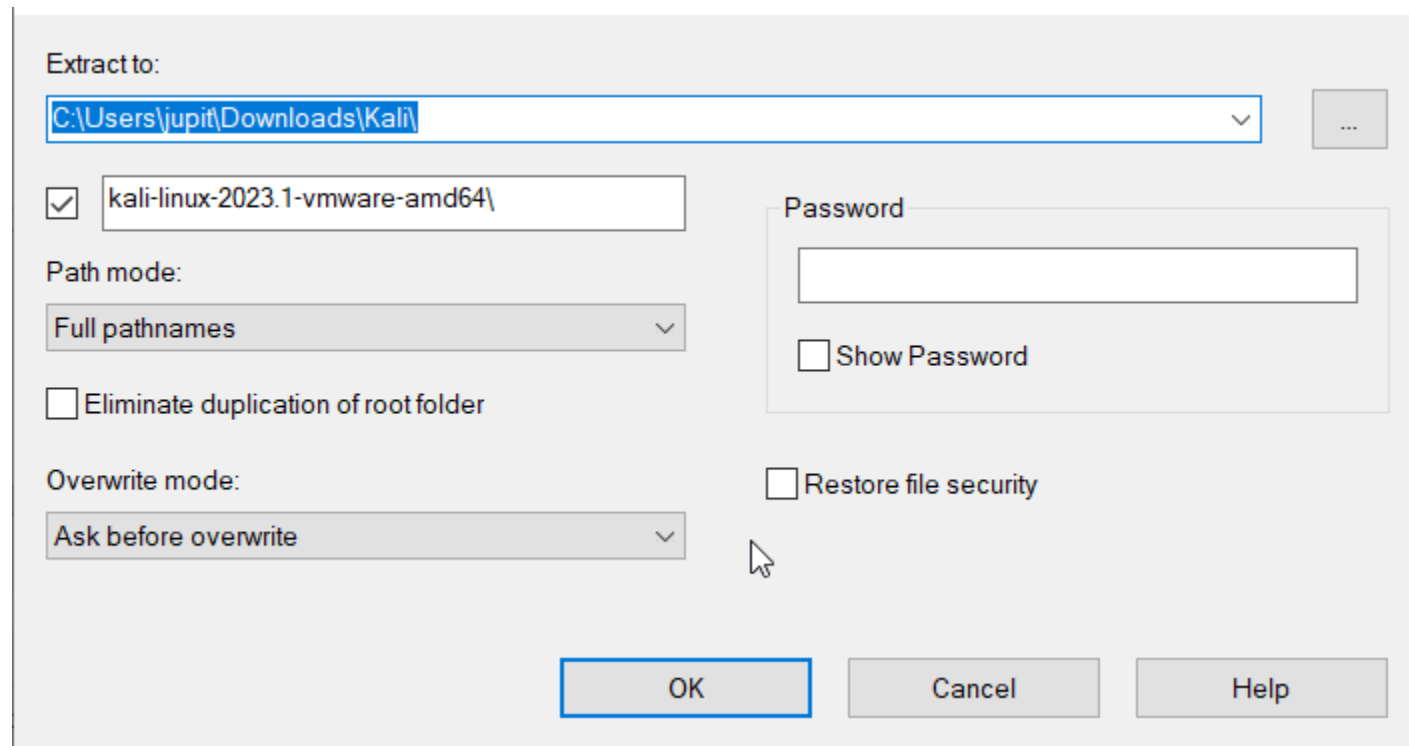
Step2: Scroll down to the "Virtual Machines" section

Step3: Choose the VMware platform and click on the download link.
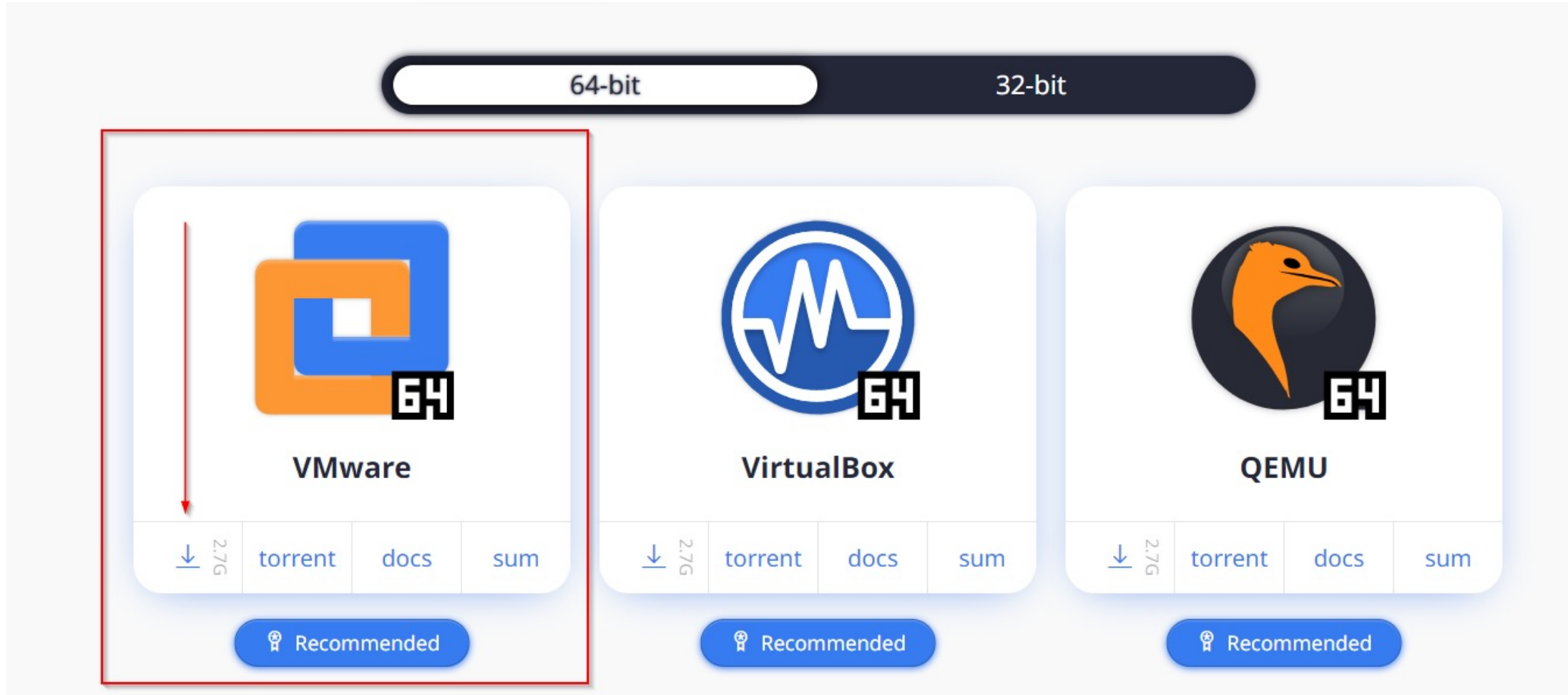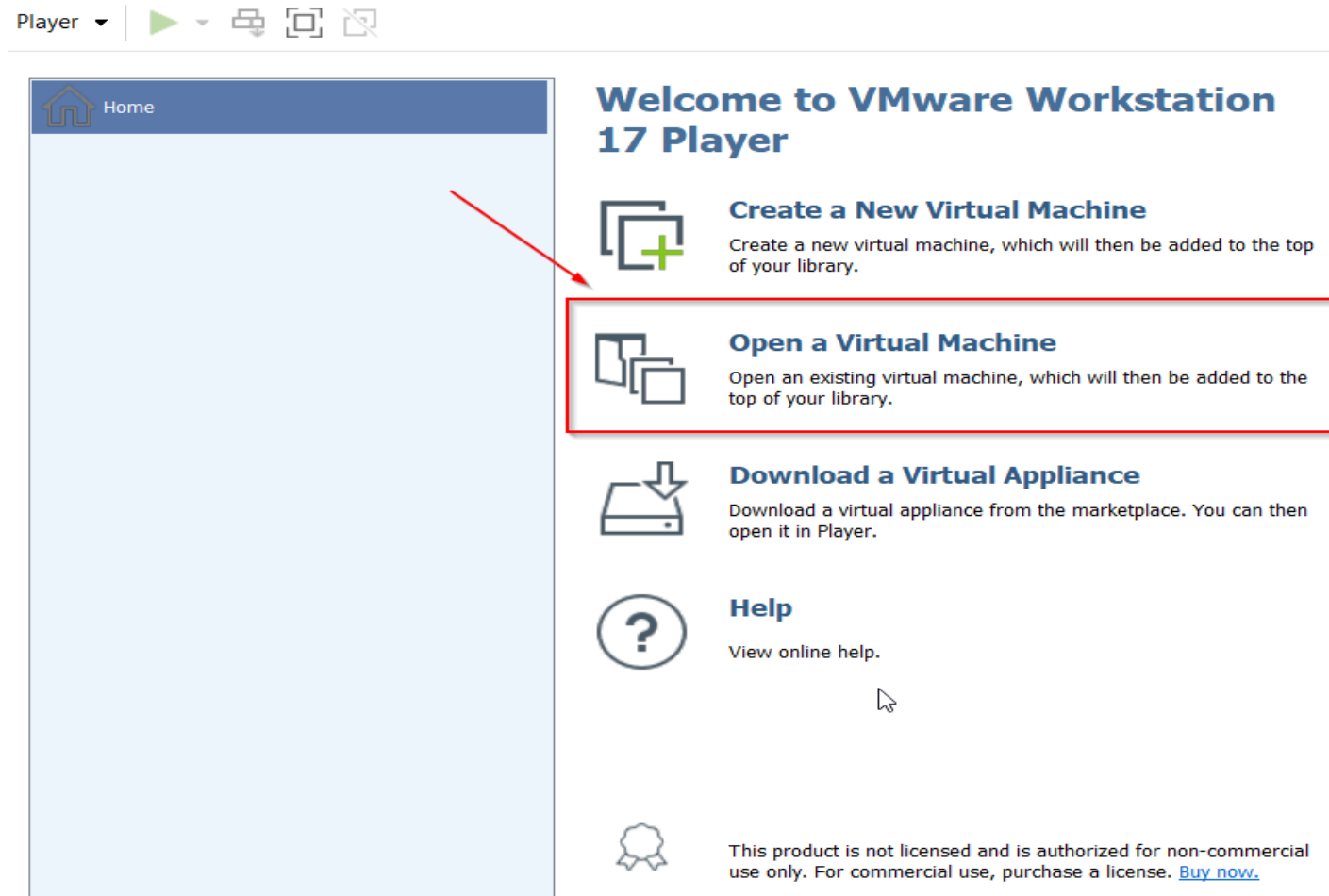
Install on VMware

- **Step4:** Once the download is complete, you will notice it saved as a .zip file. Double-click on the downloaded file to open it with your default zip program. Set where you would like the file to be extracted and click OK.
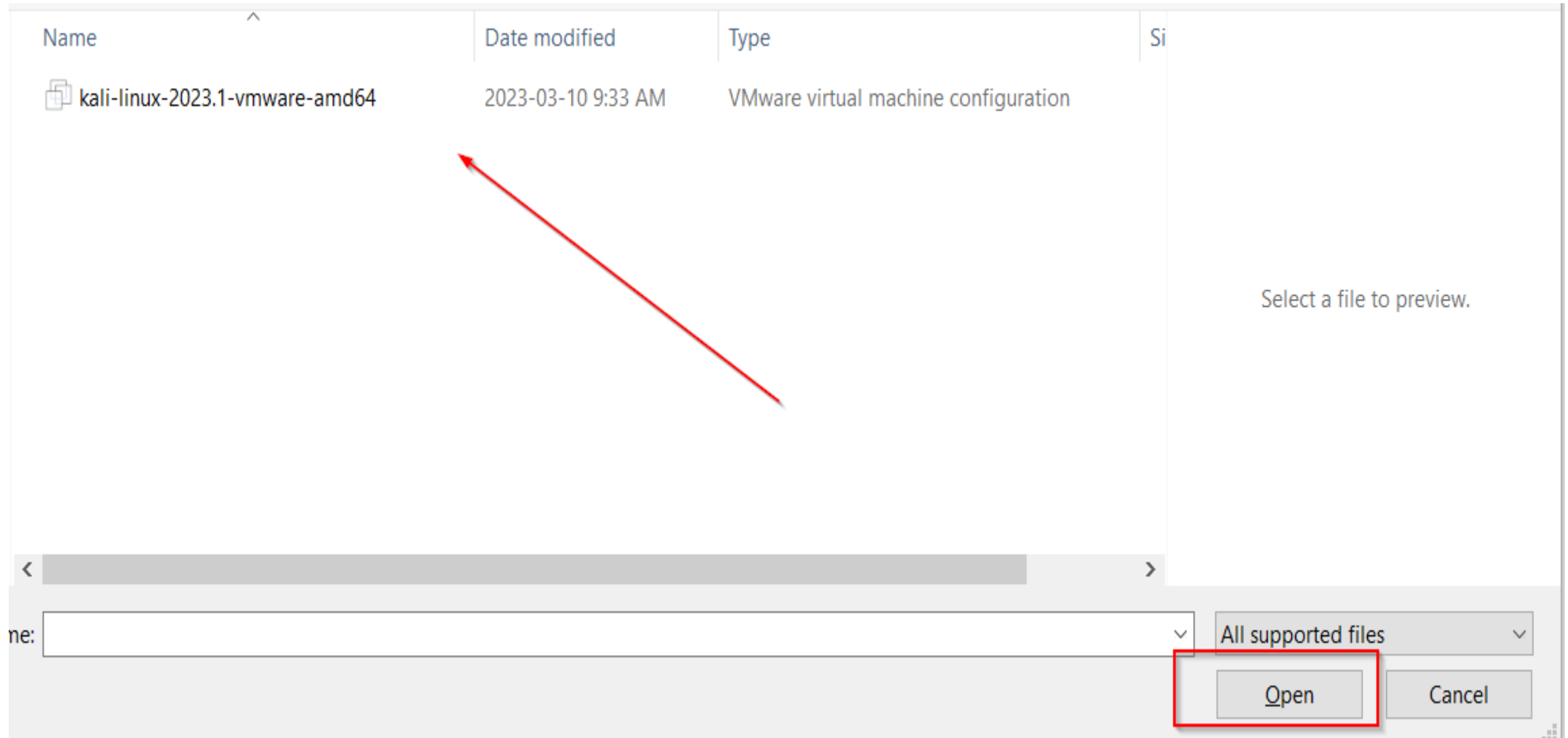
VMware Workstation Player

Step5: Open Vmware Workstation Player and click on "Open a Virtual Machine." or File → Open

- **Step5**: Locate the folder where you extracted the file and click on it. The file you are looking for is called VMware virtual configuration file. Click Open.
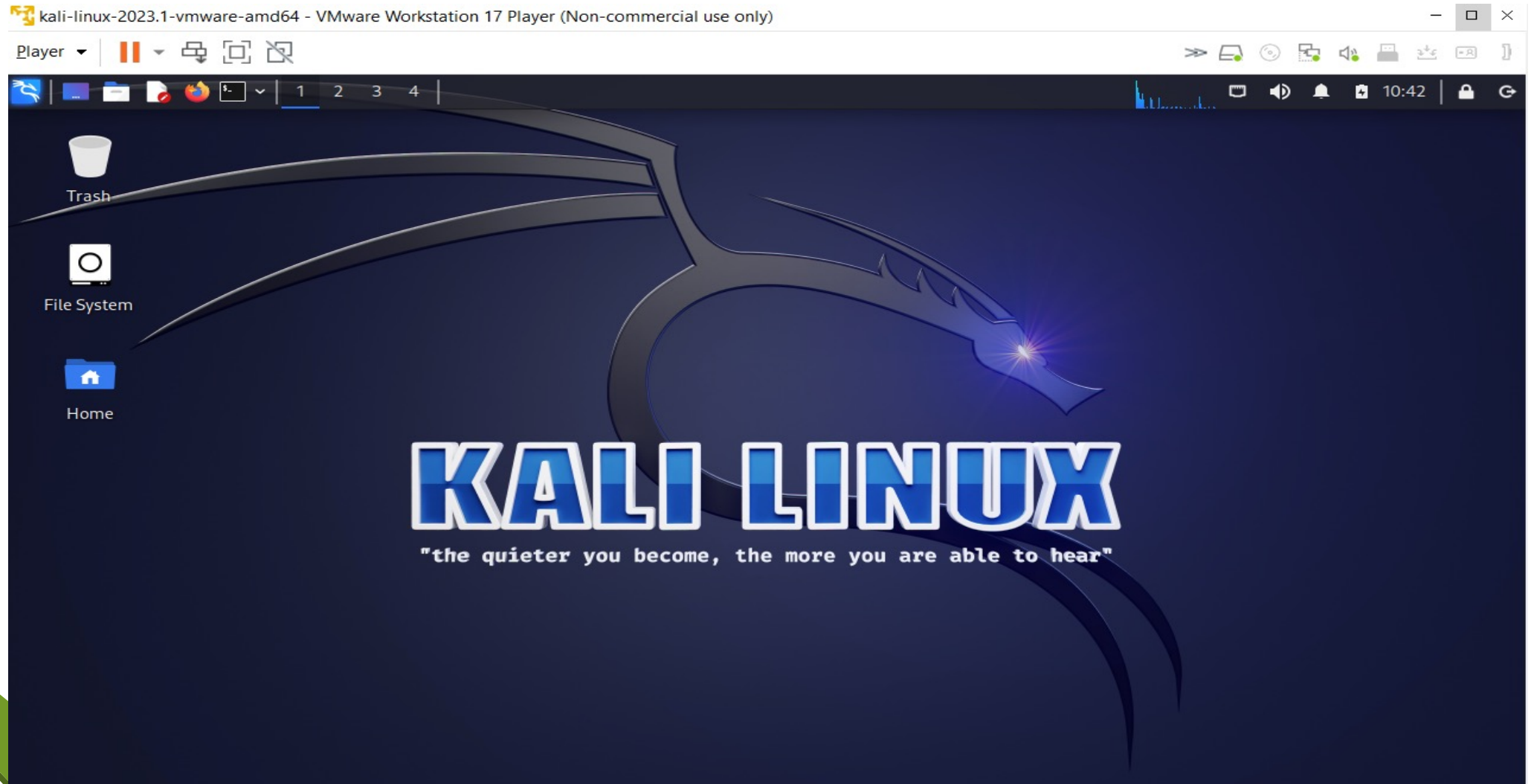
- **Step6**: And just like that, the Kali image file is ready to go. To start Kali, click on "Play virtual machine."
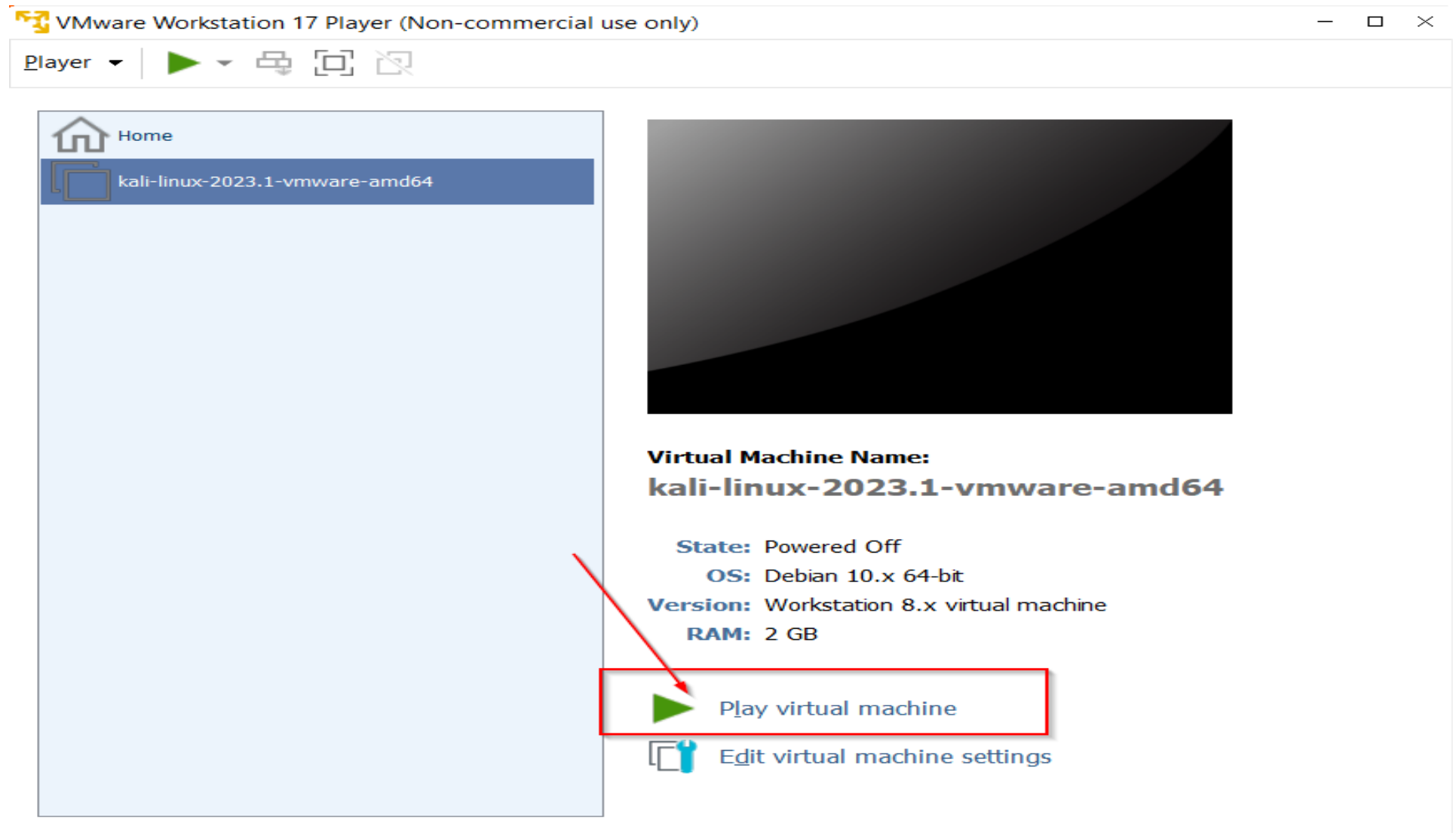
- **Step7:** The default login credentials are

Username: kali

Password: kali

Thank You