Lab Setup (VM-Ware + Kali)

Setting up a lab with VMware and Kali Linux involves several steps:

Install VMware Workstation: First, you need to [install VMware Workstation](#) on your host machine. VMware Workstation is a virtualization software that allows you to run multiple operating systems as virtual machines on a single PC. You can download VMware Workstation from the [official VMware website](#) and install it.

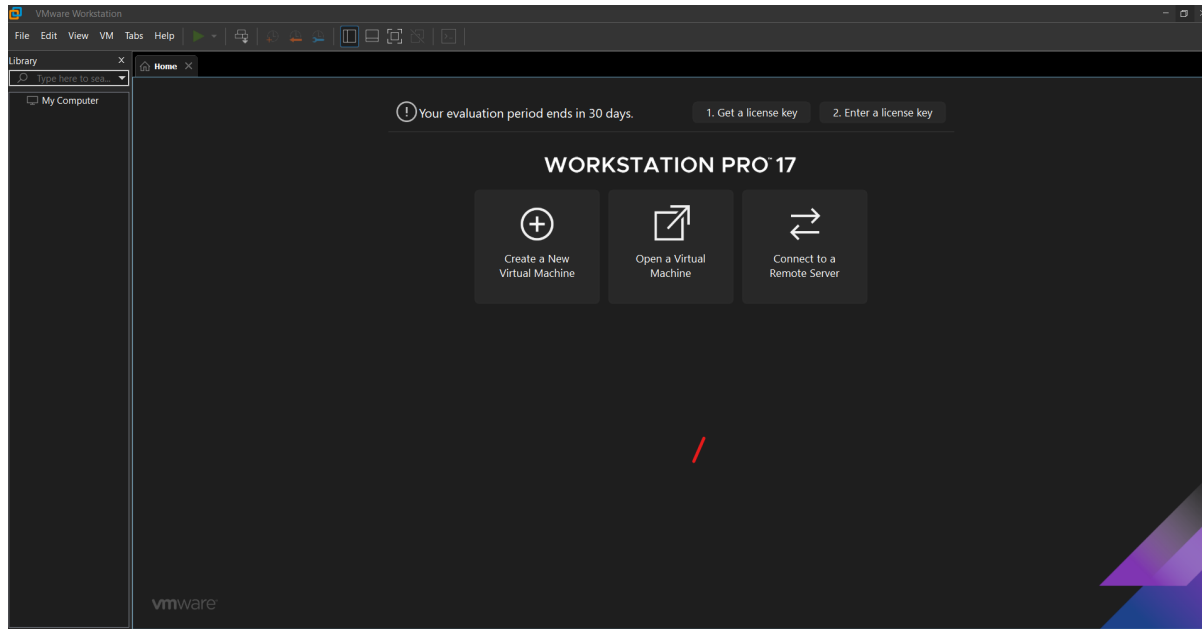**To install VMware Workstation Pro 17 on Windows, follow these steps:**

1. Download the Installer: Visit the VMware Workstation Pro download page on the official VMware website. Click on the "Download Now" button for "Workstation 17 Pro for Windows" Source: https://www.vmware.com/products/workstation-pro/workstation-pro-evaluation.html

2. Run the Installer: Locate the downloaded installer file (typically in your Downloads folder). Double-click on the installer file to run it.

3. Begin Installation: The VMware Workstation Pro Setup wizard will open. Click "Next" to start the installation process.

4. Accept the License Agreement: Read the End-User License Agreement (EULA). If you agree to the terms, select "I accept the terms in the License Agreement" and click "Next".

5. Choose Installation Options: The installer will prompt you to choose your custom setup options. You can decide whether to install shortcuts and determine if you want the program to check for updates on startup. Make your selections and click "Next".

6. Enter License Key: If you have purchased a license for VMware Workstation Pro, enter the license key in the provided field. If you are using the trial version, you can leave this field blank. Click "Next" to continue.

7. Complete the Installation: Review your settings. Click "Install" to begin the installation. The installer will display a progress bar as it installs VMware Workstation Pro.

8. Finish the Installation: After the installation completes, click "Finish". You may need to restart your computer to complete the installation.

After these steps, VMware Workstation Pro 17 should be installed on your Windows computer. You can open it from your list of installed programs or use the desktop shortcut if you choose to create one during installation.
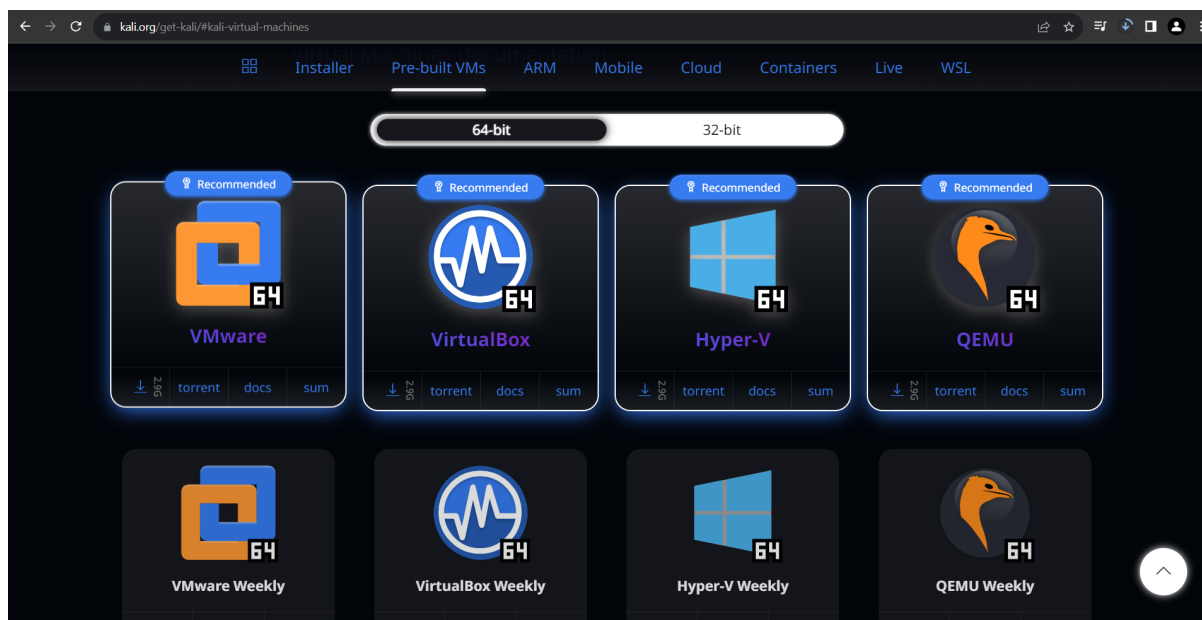
Note: Always ensure your system meets the required specifications for VMware Workstation Pro to function correctly.

Remember to install VMware Tools in your guest operating systems to improve performance and user experience. Source: https://docs.vmware.com/en/VMware-Workstation-Pro/17/com.vmware.ws.using.doc/GUID-012378D8-A995-4B78-AAD3-5A4223C4093E.html

Download Kali Linux ISO: Next, you need to download the Kali Linux ISO image. You can download it from the official Kali Linux downloads page. Make sure to download the correct version (32-bit or 64-bit) depending on your system's architecture cybrary.it.
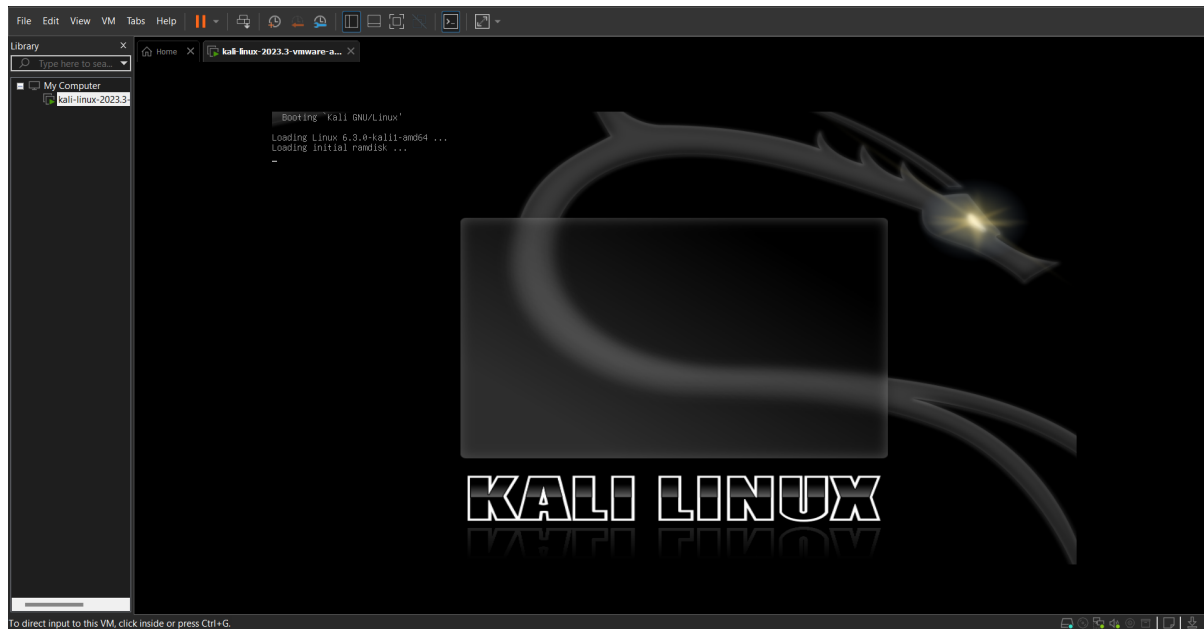
Create a new virtual machine in VMware:

Open VMware Workstation and click on "File" > "New Virtual Machine". Choose "Custom (advanced)" and click "Next". Select the version of the VMware hardware compatibility you want and click "Next". Choose "Installer disc image file (iso)" and browse to the location where you saved the Kali Linux ISO file. Click "Next" technig.com.

Configure the virtual machine settings: Provide a name for the virtual machine and choose a location on your host machine where the virtual machine files will be stored. Click "Next". Choose the amount of memory (RAM) and the number of processors for the virtual machine. Click "Next". Choose the network type for the virtual machine. If you want the virtual machine to have network access, choose "NAT". Click "Next". Choose "SCSI" as the type of virtual disk and click "Next". Choose "Create a new virtual disk" and click "Next". Specify the disk size and choose whether to store the virtual disk as a single file or multiple files. Click "Next" and then "Finish"

Install Kali Linux: Start the virtual machine. The Kali Linux installer should start. Follow the prompts to complete the installation. After the installation is complete, reboot the virtual machine. Now you should have a working Kali Linux virtual machine makeuseof.com.

Install VMware Tools: VMware Tools is a set of utilities that improves the performance of the virtual machine and makes interaction more convenient. To install VMware Tools, you need to select the virtual machine in VMware Workstation and choose "VM" > "Install VMware Tools". Follow the prompts to complete the installation kali.org.

Remember, always use ethical hacking tools responsibly and only on systems you have permission to test.