

Ex No: 1a)

Date:20.01.2025

INSTALLATION AND CONFIGURATION OF LINUX

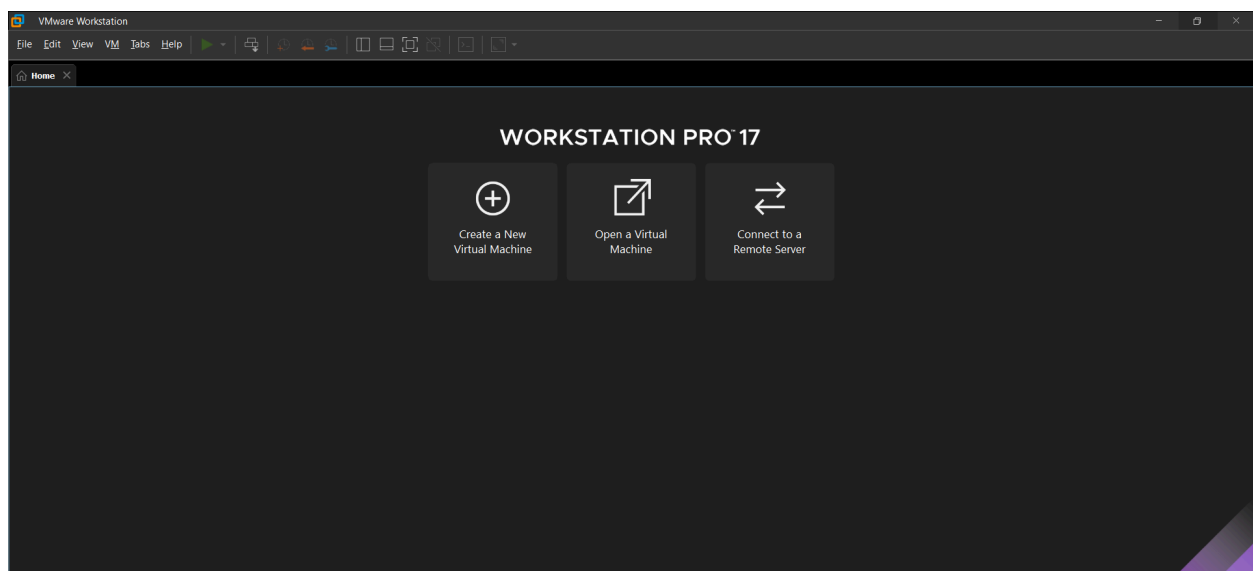
Aim:



To install and configure Linux operating system in a Virtual Machine.

Installation/Configuration Steps:

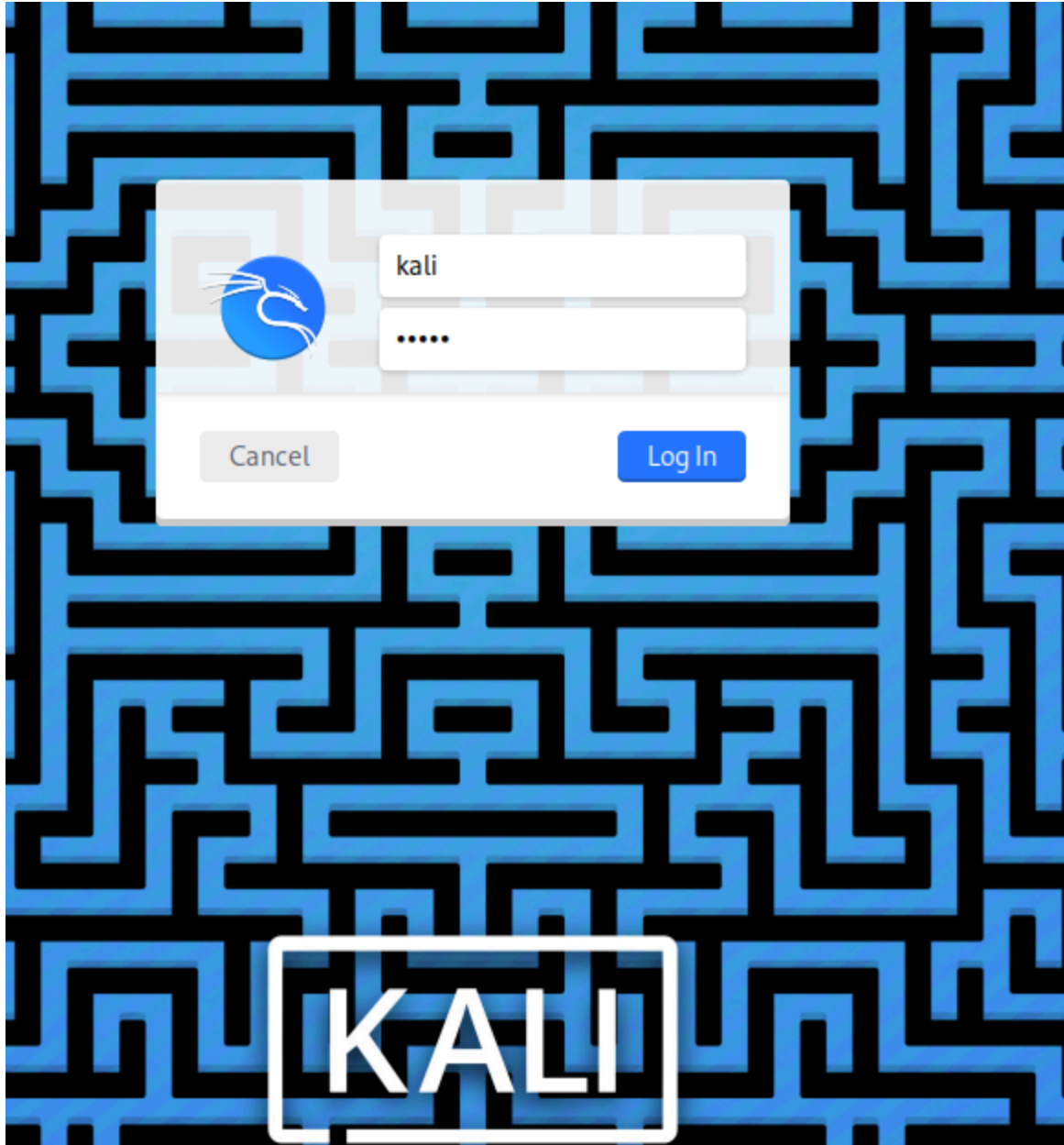
1. Install the required packages for virtualization
`dnf install xen virt-manager qemu libvirt`
2. Configure xend to start up on boot
`systemctl enable virt-manager.service`
3. Reboot the machine
Reboot
4. Create Virtual machine by first running virt-manager
`virt-manager &`
5. Click on File and then click to connect to localhost
6. In the base menu, right click on the localhost(QEMU) to create a new VM
7. Select Linux ISO image
8. Choose puppy-linux.iso then kernel version
9. Select CPU and RAM limits
10. Create default disk image to 8 GB
11. Click finish for creating the new VM with PuppyLinux

OUTPUT:



Name	Date modified	Type
 kali-linux-2024.3-vmware-amd64.vmx.lck	25-04-2025 18:31	File folder
 kali-linux-2024.3-vmware-amd64	22-04-2025 19:50	VMware virtual ma...

[illegible]

**RESULT:**

Hence, Linux operating system in the virtual machine is installed and configured successfully.