

1.Setup Testing Environment

1.1 Installing VMware workstation

Installing the VMware workstation from the official website and later setting up the configurations.

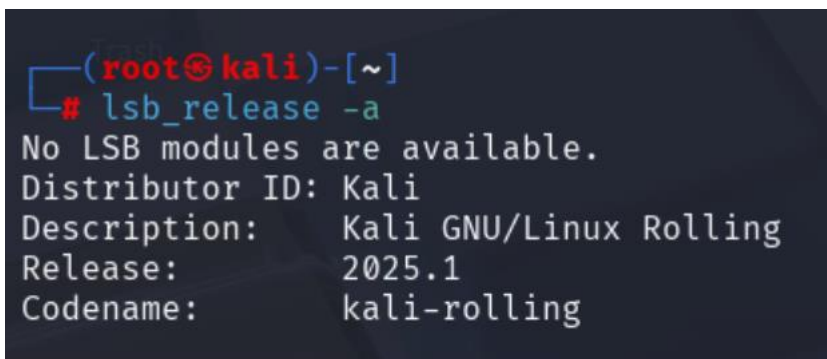
1.2 Installing Kali linux

Installed the kali linux from the official website as

<https://kali.org/get-kali/>

And then setting up in the VMware workstation.To verify that succesfully configured, check the version of the kali Linux as

`lsb_release -a`



```
(root@kali)-[~]
# lsb_release -a
No LSB modules are available.
Distributor ID: Kali
Description:    Kali GNU/Linux Rolling
Release:        2025.1
Codename:       kali-rolling
```

1.3 Installing Metasploitable 3

Install the metasploitable 3 from the internet and configure it to the VMware workstation and verify that successfully installed or not. The default credentials are msfadmin/msfadmin.