



Kali Linux Installation

Introduction and/or Background

Kali Linux is a Debian-derived Linux distribution designed for digital forensics and penetration testing. It is maintained and funded by Offensive Security.

Objectives

In this project/lab the student will:

- Gain familiarity with Kali installation

Equipment/Supplies Needed

- As specified in Lab 0.0.1.
- Linux Installation File: Kali Linux

Procedure

Perform the steps in this lab in the order they are presented to you. Answer all questions and record the requested information. Use the Linux Virtual Machine to perform lab activities as directed. Unless otherwise stated, all tasks done as a non-root user. If root access is needed use the sudo command.

Assignment

- 1 Download the latest Kali ISO from <https://www.kali.org/downloads/>
- 2 Create a new VM and specify the Kali ISO as the installer disk image file.
- 3 Increase the VM's Memory to 2048MB.
- 4 Turn on the VM.
- 5 Select the "Graphical install" option from Kali's boot menu.
- 6 Choose a user password when prompted.
- 7 Wait for Kali to copy its files to the hard drive.
- 8 Install the GRUB boot loader on `/dev/sda`.

- 9 Take a screenshot of the Kali desktop.

It is recommended that the student retain this VM. It will be required for course material in the future.

Rubric

Checklist/Single Point Mastery

<u>Concerns</u> Working Towards Proficiency	<u>Criteria</u> Standards for This Competency	<u>Accomplished</u> Evidence of Mastering Competency
	Criteria #1: Screenshot showing installed Kali Linux VM (100pts)	Kali main screen after login.