

Kali Linux Installation

Module #14

Kali Linux setup

Kali Linux can be downloaded in a few different ways. One of the most popular ways to get Kali Linux is to download the ISO image. The ISO image is available in 32-bit and 64-bit images

If you plan on using Kali Linux on a virtual machine such as Vmware / VirtualBox, there is a VM image prebuilt.

Running from external media

Kali Linux can be run without installing software on a host hard drive by accessing it from an external media source such as a USB drive or DVD. This method is simple to enable; however, it has performance and operational implementations. Kali Linux having to load programs from a remote source would impact performance and some applications or hardware settings may not operate properly.

Using read-only storage media does not permit saving custom settings that may be required to make Kali Linux operate correctly.

Installation requirements

Installing Kali Linux on your computer is straightforward and similar to installing other operating systems.

First, you'll need compatible computer hardware. Kali is supported on i386, amd64, and ARM platforms. Recommendation is to exceed the minimum amount of HW by at least three times.

Kali Linux, in general, will perform better if it has access to more RAM and is installed on newer machines. Download Kali Linux and either burn the ISO to DVD, or prepare a USB stick with Kali Linux Live as the installation medium. If you do not have a DVD drive or a USB port on your computer, check out the Kali Linux Network Install.

Installation requirements(Contd.)

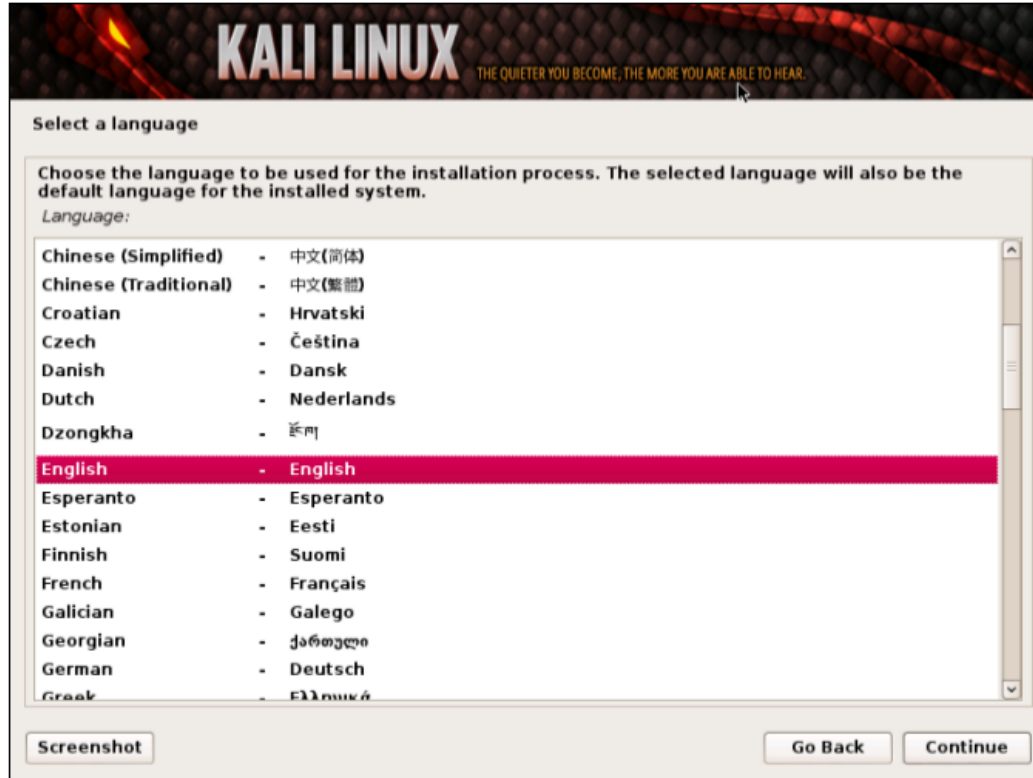
The following is a list of minimum installation requirements:

- A minimum of 8 GB disk space for installing Kali Linux.
 - For i386 and amd64 architectures, a minimum of 512MB RAM.
 - CD-DVD Drive / USB boot support.
 - You will also need an active Internet connection before installation. This is very important or you will not be able to configure and access repositories during installation.
1. When you start Kali you will be presented with a Boot Install screen. You may choose what type of installation (GUI-based or text-based) you would like to perform.

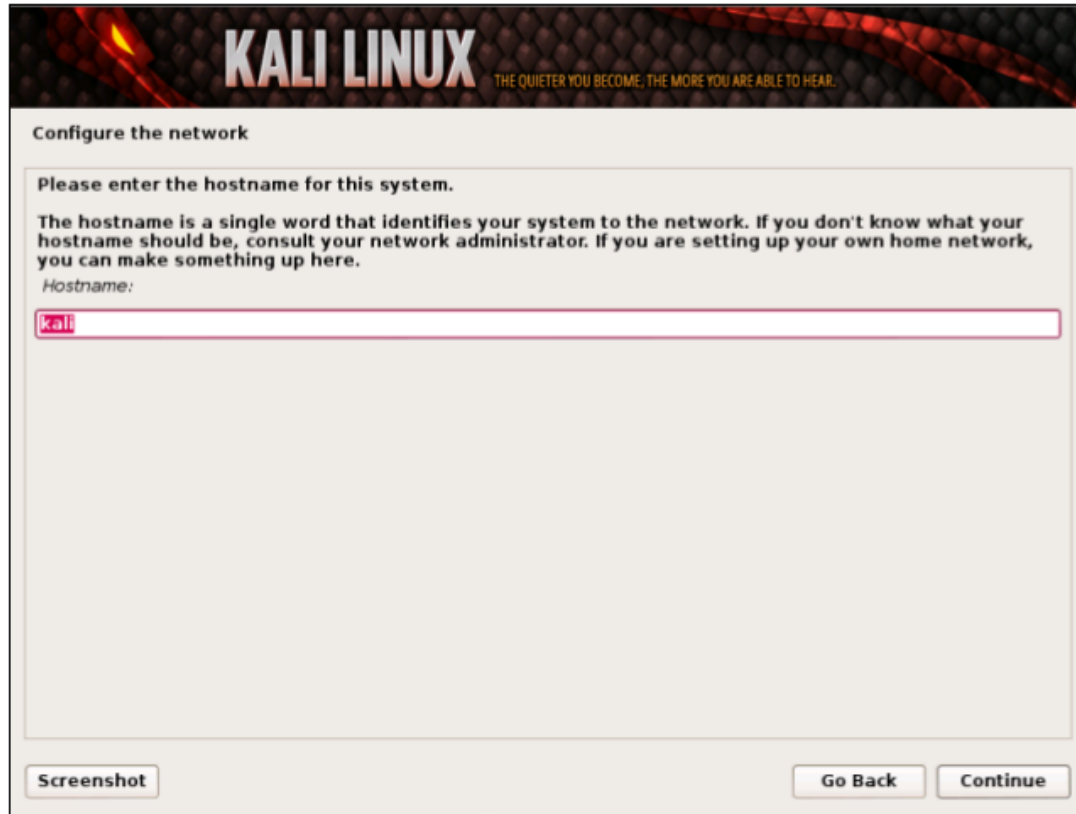
Installation requirements(Contd.)



Installation (Contd.)



Installation (Contd.)



KALI LINUX THE QUIETER YOU BECOME, THE MORE YOU ARE ABLE TO HEAR.

Configure the network

Please enter the hostname for this system.

The hostname is a single word that identifies your system to the network. If you don't know what your hostname should be, consult your network administrator. If you are setting up your own home network, you can make something up here.

Hostname:

Screenshot

Go Back Continue

Installation (Contd.)



Set up users and passwords

You need to set a password for 'root', the system administrative account. A malicious or unqualified user with root access can have disastrous results, so you should take care to choose a root password that is not easy to guess. It should not be a word found in dictionaries, or a word that could be easily associated with you.

A good password will contain a mixture of letters, numbers and punctuation and should be changed at regular intervals.

The root user should not have an empty password. If you leave this empty, the root account will be disabled and the system's initial user account will be given the power to become root using the "sudo" command.

Note that you will not be able to see the password as you type it.

Root password:

Please enter the same root password again to verify that you have typed it correctly.

Re-enter password to verify:

Screenshot

Go Back

Continue

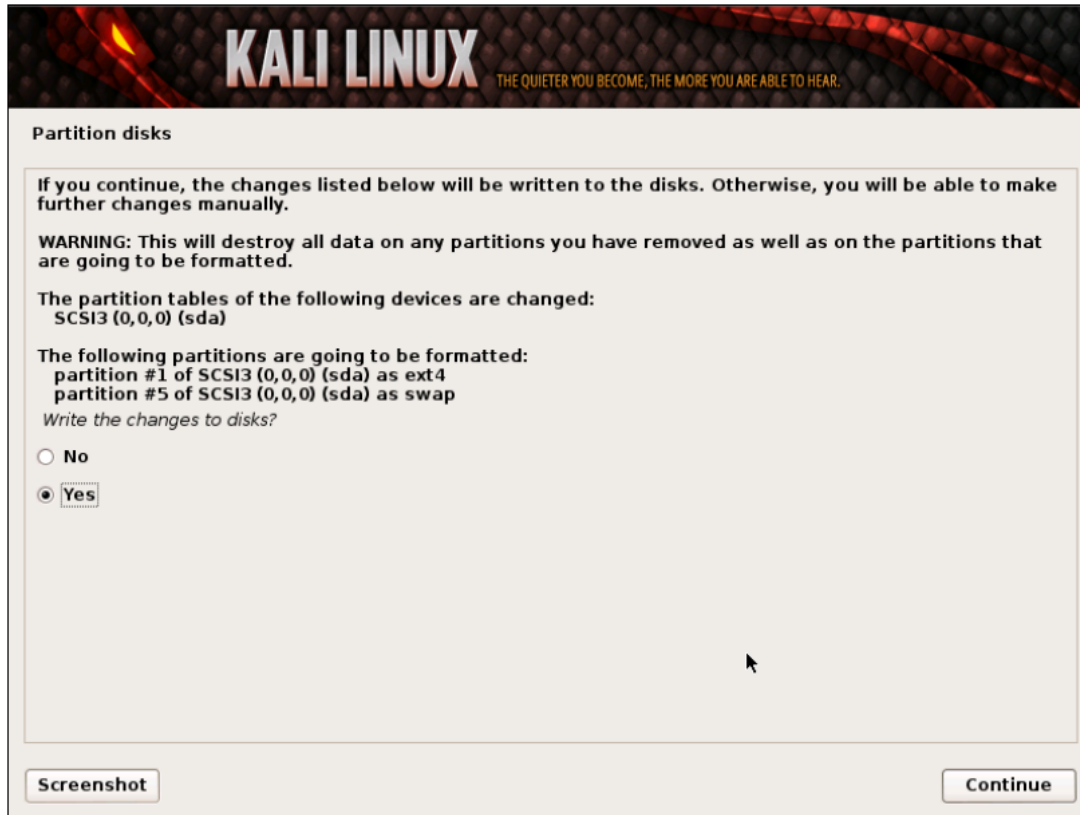
Installation (Contd.)



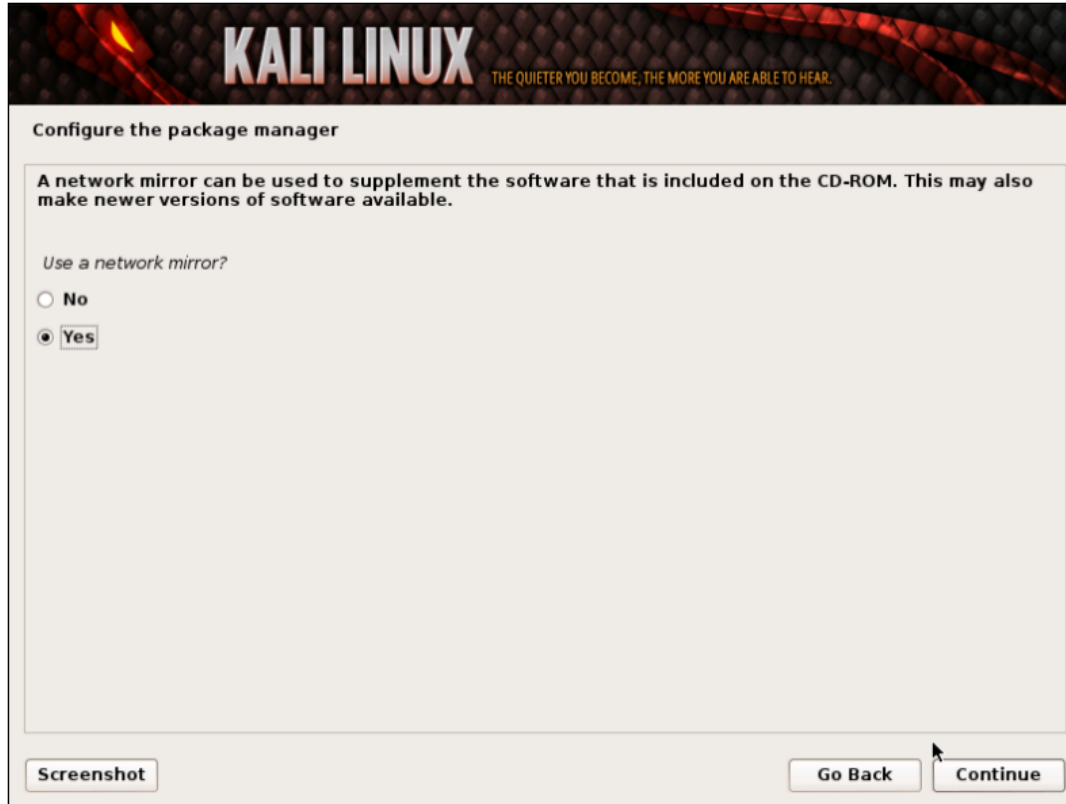
Installation (Contd.)



Installation (Contd.)



Installation (Contd.)

A screenshot of the Kali Linux installation window. The header features the Kali Linux logo and the tagline "THE QUIETER YOU BECOME, THE MORE YOU ARE ABLE TO HEAR." The main content area is titled "Configure the package manager" and contains a text block explaining the use of a network mirror. Below this, there are two radio button options: "No" and "Yes", with "Yes" being the selected option. At the bottom of the window, there are three buttons: "Screenshot", "Go Back", and "Continue".

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Configure the package manager

A network mirror can be used to supplement the software that is included on the CD-ROM. This may also make newer versions of software available.

Use a network mirror?

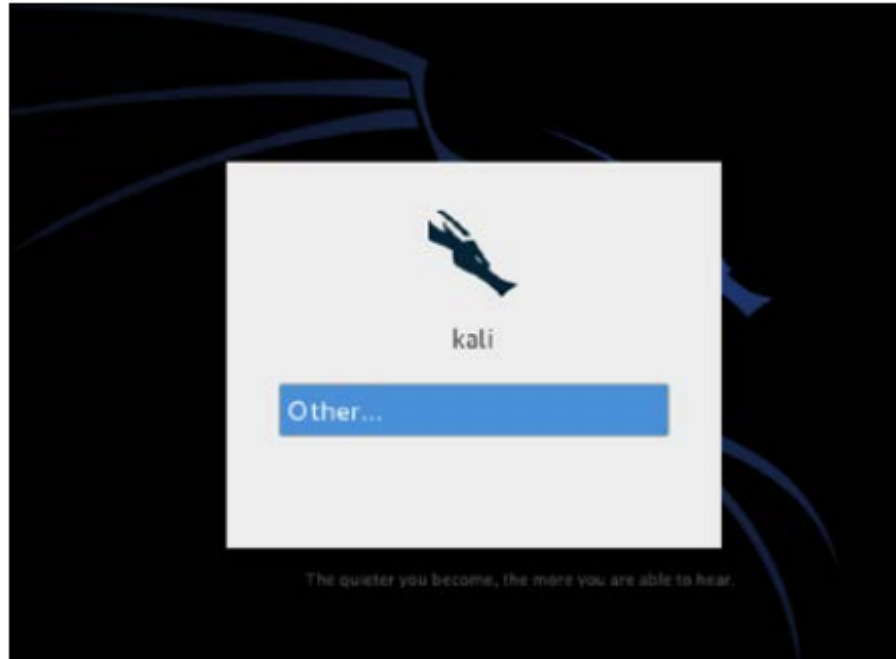
☐ No

☒ Yes

Installation (Contd.)



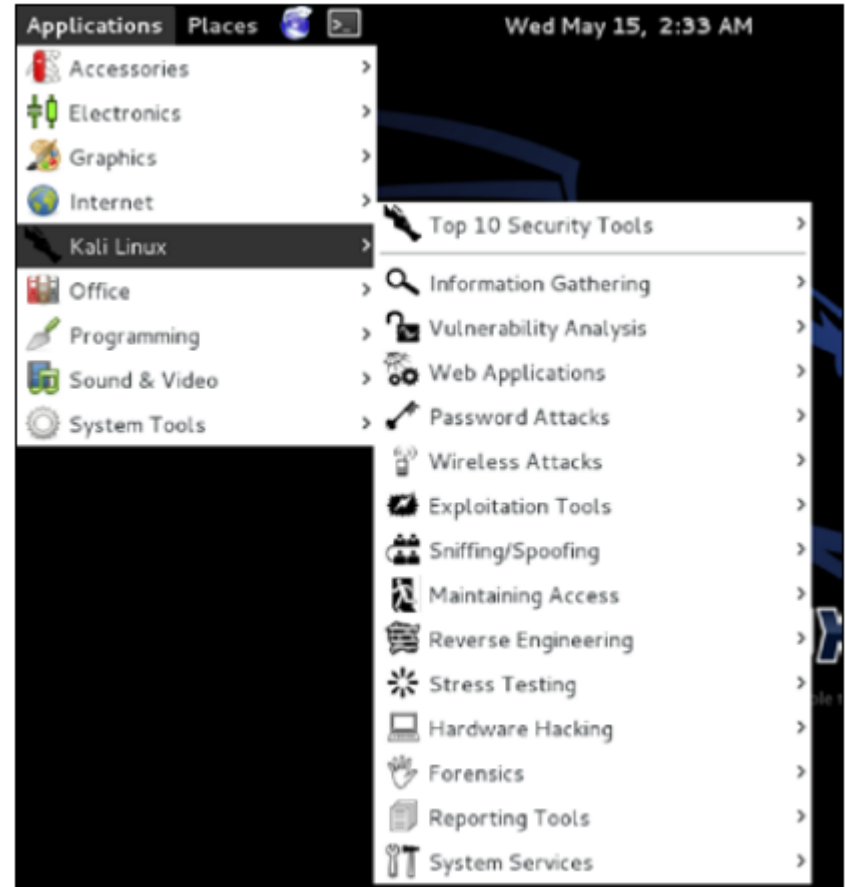
Kali Linux image first run



Installation (Contd.)



Kali toolset overview



Kali toolset overview

Lets look at the toolset classifications in Kali
Linux VM

Thank You