

Tugas Instalasi Kali Linux

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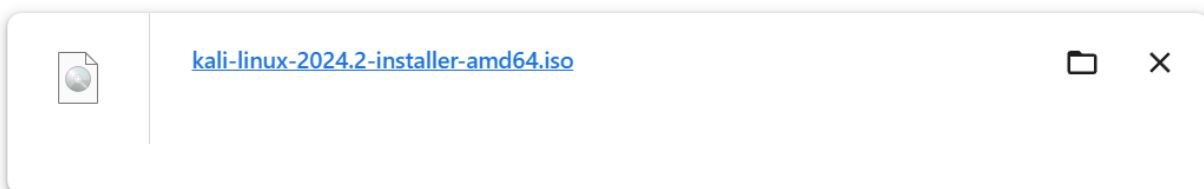
Kelas : TK5A


Kali Linux adalah distribusi Linux yang berbasis pada Debian dan dirancang khusus untuk keamanan komputer dan pengujian penetrasi. Distribusi ini dikembangkan oleh Offensive Security dan digunakan oleh profesional keamanan siber, peneliti keamanan, serta penguji penetrasi untuk mengidentifikasi dan memperbaiki kerentanan pada sistem dan jaringan komputer.

Kali Linux dilengkapi dengan berbagai alat keamanan yang sudah diinstal sebelumnya, termasuk alat untuk pengujian penetrasi, analisis jaringan, forensik digital, pemecahan sandi, dan masih banyak lagi. Beberapa alat populer yang tersedia di Kali Linux antara lain:

1. **Nmap** - Untuk pemindaian jaringan.
2. **Wireshark** - Untuk analisis paket jaringan.
3. **Metasploit Framework** - Untuk eksploitasi dan pengujian penetrasi.
4. **John the Ripper** - Untuk pemecahan sandi.
5. **Aircrack-ng** - Untuk pengujian keamanan jaringan nirkabel.

Kali Linux juga mendukung berbagai arsitektur, termasuk ARM, dan dapat dijalankan di berbagai perangkat keras, termasuk Raspberry Pi. Keamanan dan kemudahan dalam pengujian penetrasi menjadikan Kali Linux salah satu pilihan utama bagi para profesional keamanan siber di seluruh dunia.





Ciptakan Mesin Virtual

▼ Nama dan Sistem Operasi

Nama: ✓

Folder:

Image ISO:

Edisi:

Tipe:

Versi:

☐ Lewati Instalasi Tak Didampingi

> Instalasi Tak Didampingi

> Perangkat Keras

> Hard Disk


Bantuan

Mode Terpandu

Kembali

Selesai

Batal



Create Virtual Machine

Hardware

You can modify virtual machine's hardware by changing amount of RAM and virtual CPU count. Enabling EFI is also possible.

Base Memory:

Processors:

☐ Enable EFI (special OSes only)


Help

Back

Next

Cancel

Create Virtual Machine



Virtual Hard disk

If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select an existing one. Alternatively you can create a virtual machine without a virtual hard disk.

☒ Create a Virtual Hard Disk Now

Disk Size: 42,00 GB

4,00 MB2,00 TB

☐ Pre-allocate Full Size

☐ Use an Existing Virtual Hard Disk File


kali linux.vdi (Normal, 42,00 GB)

☐ Do Not Add a Virtual Hard Disk

Help


BackNextCancel

Create Virtual Machine



Summary

The following table summarizes the configuration you have chosen for the new virtual machine. When you are happy with the configuration press Finish to create the virtual machine. Alternatively you can go back and modify the configuration.

 Machine Name and OS Type

Machine Name

kali linux1

Machine Folder

C:/Users/Administrator/VirtualBox VMs/kali linux1

ISO Image


C:/Users/Administrator/Downloads/kali-linux-2024.2-installer-amd64.iso

Guest OS Type

Ubuntu (64-bit)

Skip Unattended Install

false

 Hardware

Base Memory


5102

Processor(s)

4

EFI Enable

false

 Disk

Disk Size


42,00 GB


Pre-allocate Full Size


false


Help


BackFinishCancel


 Baru

 Tambah


 Pengaturan

 Buang


 Mulai

 **Umum**


Nama: kali linux
Sistem Operasi: Ubuntu (64-bit)

 **Sistem**


Memori Dasar: 4812 MB
Prosesor: 2
Urutan Boot: Floppy, Optik, Hard Disk
Akselerasi: Paging Bertingkat, Paravirtualisasi KVM

 **Tampilan**


Memori Video: 16 MB
Pengendali Grafis: VMSVGA
Server Remote Desktop: Dinonaktifkan
Merekam: Dinonaktifkan

 **Penyimpanan**


Pengendali: IDE
IDE Sekunder Peranti 0: [Drive Optik] kali-linux-2024.2-installer-amd64.iso (4.02 GB)
Pengendali: SATA
SATA Port 0: kali linux.vdi (Normal, 25.00 GB)


 **Suara**

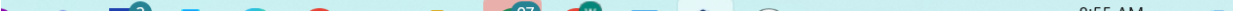
Driver Host: Baku
Pengendali: ICH AC97

 **Jaringan**

Adaptor 1: Intel PRO/1000 MT Desktop (NAT)

 **Pratinjau**





8:55 AM



Kali Linux installer menu (BIOS mode)

Graphical install

Install

Advanced options

>

Accessible dark contrast installer menu

>

Install with speech synthesis



Select a language

Choose the language to be used for the installation process. The selected language will also be the default language for the installed system.

Language:

| | | |
|-----------------------|---|------------|
| Catalan | - | Català |
| Chinese (Simplified) | - | 中文(简体) |
| Chinese (Traditional) | - | 中文(繁體) |
| Croatian | - | Hrvatski |
| Czech | - | Čeština |
| Danish | - | Dansk |
| Dutch | - | Nederlands |
| Dzongkha | - | ཇོངཀཁ |
| English | - | English |
| Esperanto | - | Esperanto |
| Estonian | - | Eesti |
| Finnish | - | Suomi |
| French | - | Français |
| Galician | - | Galego |

Screenshot

Go Back

Continue



Select your location

The selected location will be used to set your time zone and also for example to help select the system locale. Normally this should be the country where you live.

This is a shortlist of locations based on the language you selected. Choose "other" if your location is not listed.

Country, territory or area:

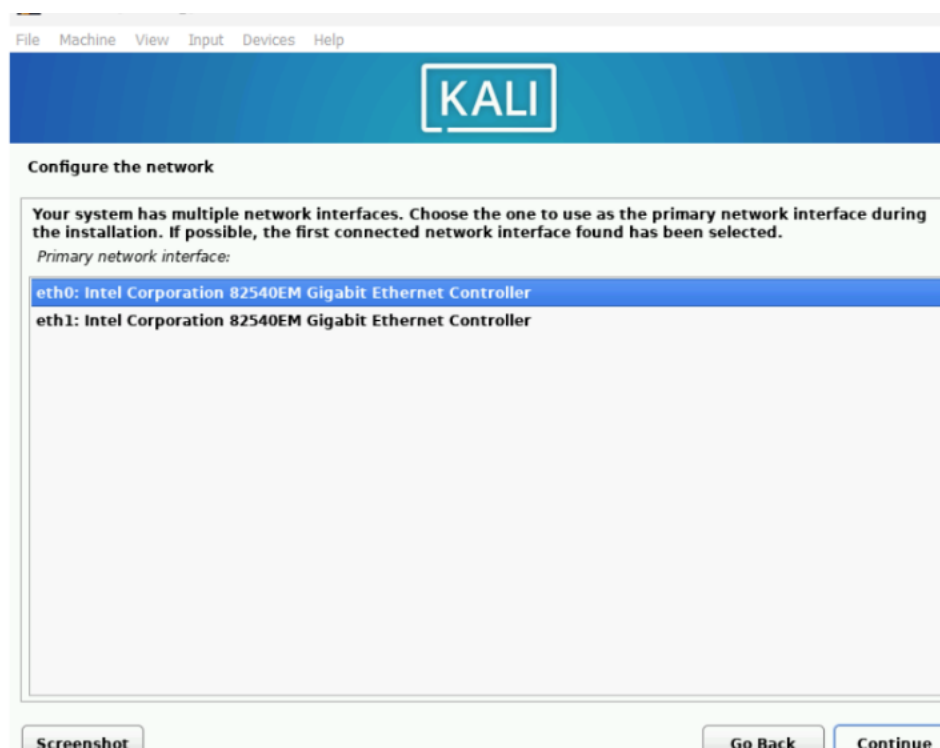
India
Ireland
Israel
New Zealand
Nigeria
Philippines
Seychelles
Singapore
South Africa
United Kingdom
United States
Zambia
Zimbabwe
other

Screenshot

un|

Go Back

Continue





Detect and mount installation media

Scanning installation media

Scanning /cdrom/pool/main/p...



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



Configure the clock

If the desired time zone is not listed, then please go back to the step "Choose language" and select a country that uses the desired time zone (the country where you live or are located).

Select your time zone:

| |
|--------------|
| Eastern |
| Central |
| Mountain |
| Pacific |
| Alaska |
| Hawaii |
| Arizona |
| East Indiana |
| Samoa |

Screenshot

Go Back

Continue



Partition disks

Starting up the partitioner

Please wait...



Partition disks

The installer can guide you through partitioning a disk (using different standard schemes) or, if you prefer, you can do it manually. With guided partitioning you will still have a chance later to review and customise the results.

If you choose guided partitioning for an entire disk, you will next be asked which disk should be used.

Partitioning method:

Guided - use entire disk

Guided - use entire disk and set up LVM

Guided - use entire disk and set up encrypted LVM

Manual

Screenshot

Go Back

Continue



Partition disks

Note that all data on the disk you select will be erased, but not before you have confirmed that you really want to make the changes.

Select disk to partition:

SCSI3 (0,0,0) (sda) - 26.8 GB ATA VBOX HARDDISK

Screenshot

Go Back

Continue



Partition disks

Selected for partitioning:

SCSI3 (0,0,0) (sda) - ATA VBOX HARDDISK: 26.8 GB

The disk can be partitioned using one of several different schemes. If you are unsure, choose the first one.

Partitioning scheme:

All files in one partition (recommended for new users)

Separate /home partition

Separate /home, /var, and /tmp partitions

Screenshot

Go Back

Continue



Partition disks

This is an overview of your currently configured partitions and mount points. Select a partition to modify its settings (file system, mount point, etc.), a free space to create partitions, or a device to initialize its partition table.

Guided partitioning

Configure software RAID

Configure the Logical Volume Manager

Configure encrypted volumes

Configure iSCSI volumes

SCSI3 (0,0,0) (sda) - 26.8 GB ATA VBOX HARDDISK

| | | | | | | |
|---|----|---------|---------|---|------|------|
| > | #1 | primary | 25.8 GB | f | ext4 | / |
| > | #5 | logical | 1.0 GB | f | swap | swap |

Undo changes to partitions

Finish partitioning and write changes to disk

Screenshot

Help

Go Back

Continue



Partition disks

If you continue, the changes listed below will be written to the disks. Otherwise, you will be able to make further changes manually.

The partition tables of the following devices are changed:
SCSI3 (0,0,0) (sda)

The following partitions are going to be formatted:
partition #1 of SCSI3 (0,0,0) (sda) as ext4
partition #5 of SCSI3 (0,0,0) (sda) as swap

Write the changes to disks?

- ☐ No
☒ Yes

Screenshot

Continue



Install the base system



Validating coreutils...



Software selection

At the moment, only the core of the system is installed. The default selections below will install Kali Linux with its standard desktop environment and the default tools.

You can customize it by choosing a different desktop environment or a different collection of tools.

Choose software to install:

- ☒ Desktop environment [selecting this item has no effect]
 - ☒ ... Xfce (Kali's default desktop environment)
 - ☐ ... GNOME
 - ☐ ... KDE Plasma
- ☒ Collection of tools [selecting this item has no effect]
 - ☒ ... top10 -- the 10 most popular tools
 - ☒ ... default -- recommended tools (available in the live system)

Screenshot

Continue



Select and install software

Select and install software

Retrieving file 239 of 2557 (1min 42s remaining)

