
Front matter

lang: ru-RUtitle: "personal project#1"subtitle: "Дисциплина: Основы информационной безопасности"author: "Георгес Гедеон"

Formatting

toc-title: "Содержание"toc: true # Table of contentstoc_depth: 2lof: true
Список рисунковlot: true # Список таблицfontsize: 12ptlinestretch:
1.5papersize: a4paperdocumentclass: scrreprtpolyglossia-lang:
russianpolyglossia-otherlangs: englishmainfont: PT Serifromanfont: PT
Serifsansfont: PT Sansmonofont: PT Monomainfontoptions:
Ligatures=TeXromanfontoptions: Ligatures=TeXsansfontoptions:
Ligatures=TeX,Scale=MatchLowercasemonofontoptions:
Scale=MatchLowercaseindent: truepdf-engine: lualatexheader-includes:

- `\linepenalty=10` # the penalty added to the badness of each line within a paragraph (no associated penalty node) Increasing the value makes tex try to have fewer lines in the paragraph.
- `\interlinepenalty=0` # value of the penalty (node) added after each line of a paragraph.
- `\hyphenpenalty=50` # the penalty for line breaking at an automatically inserted hyphen
- `\exhyphenpenalty=50` # the penalty for line breaking at an explicit hyphen
- `\binoppenalty=700` # the penalty for breaking a line at a binary operator
- `\relpenalty=500` # the penalty for breaking a line at a relation
- `\clubpenalty=150` # extra penalty for breaking after first line of a paragraph
- `\widowpenalty=150` # extra penalty for breaking before last line of a paragraph
- `\displaywidowpenalty=50` # extra penalty for breaking before last line before a display math
- `\brokenpenalty=100` # extra penalty for page breaking after a hyphenated line
- `\predisplaypenalty=10000` # penalty for breaking before a display
- `\postdisplaypenalty=0` # penalty for breaking after a display

- `\floatingpenalty = 20000` # penalty for splitting an insertion (can only be split footnote in standard LaTeX)
- `\raggedbottom` # or `\flushbottom`
- `\usepackage{float}` # keep figures where there are in the text
- `\floatplacement{figure}{H}` # keep figures where there are in the text

Цель работы :

Установите дистрибутив Kali Linux в виртуальную машину.

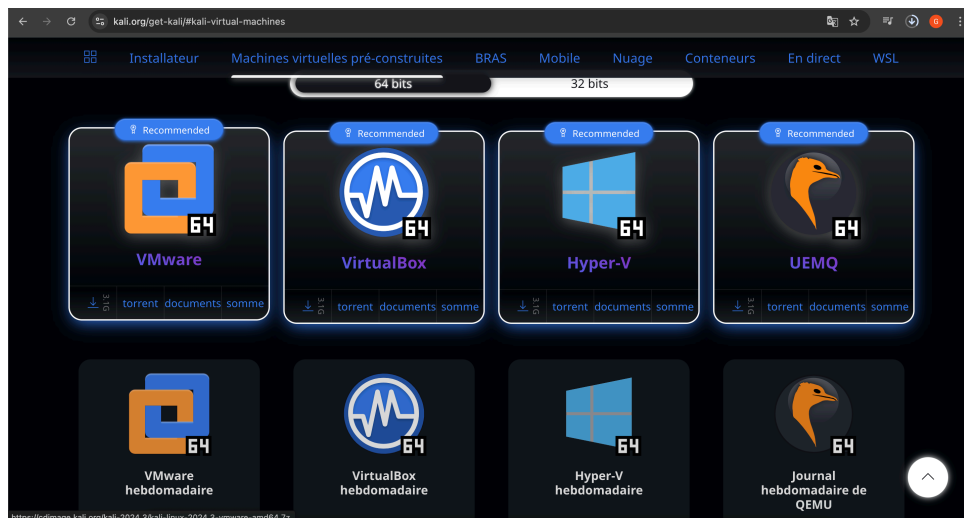
Задание :

В качестве среды виртуализации предлагается использовать VirtualBox. Сайт Kali Linux: <https://www.kali.org/> Учётные данные по умолчанию: логин: root; пароль: toor.

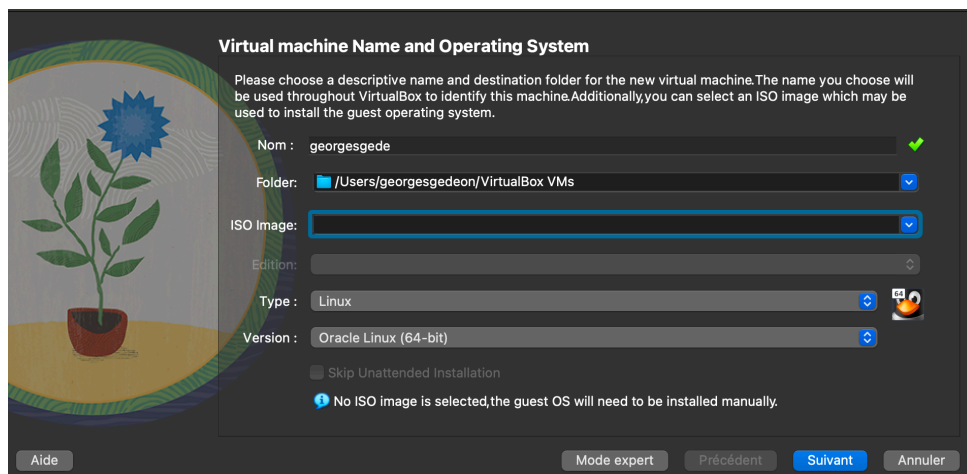
Выполнение лабораторной работы

Часть 1. Установка и настройка Виртуальной машины VirtualBox

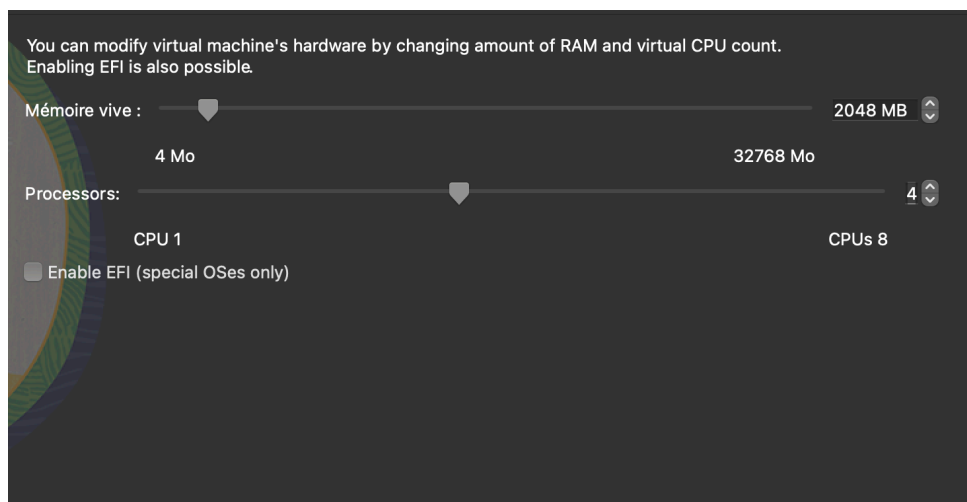
- 1) Зайдите на официальный сайт VirtualBox и скачайте файл. Установите VirtualBox на свой компьютер. Я часто использую Linux.



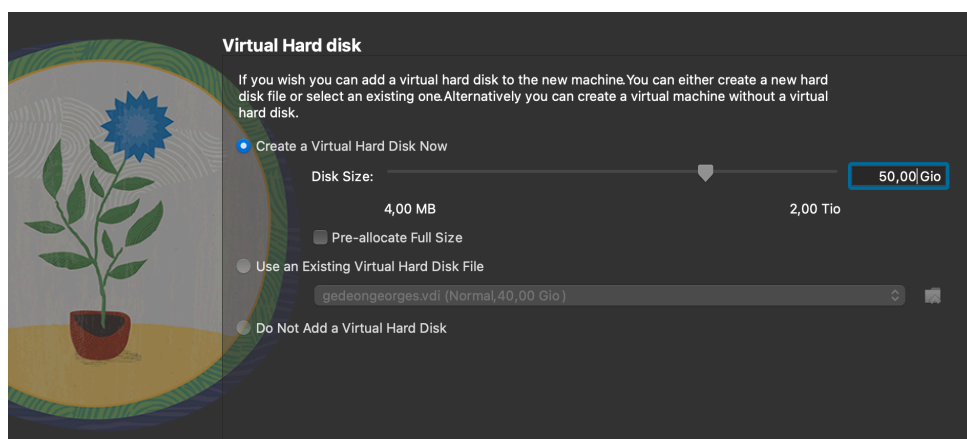
- 2) Создайте виртуальную машину. Для этого нажмите «Создать». Имя нашей виртуальной машины — GedeonGeorges. Выберите наш образ диска Rocky Linux. Чтобы он распознал его как образ, сначала скачиваем UltraISO.



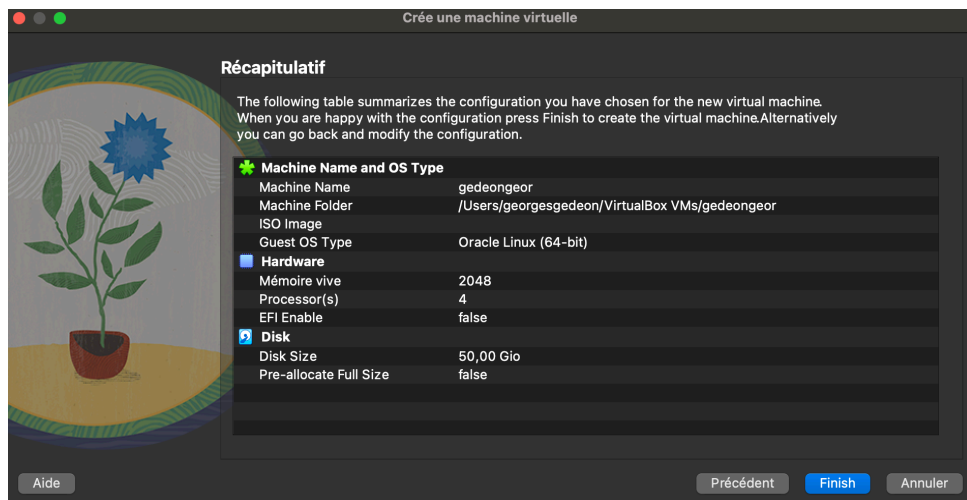
3)Виртуальной машине требуется оперативная память. Выделяем 2048 МБ, это половина основной оперативной памяти. Мы также даем ему 4 процессора.



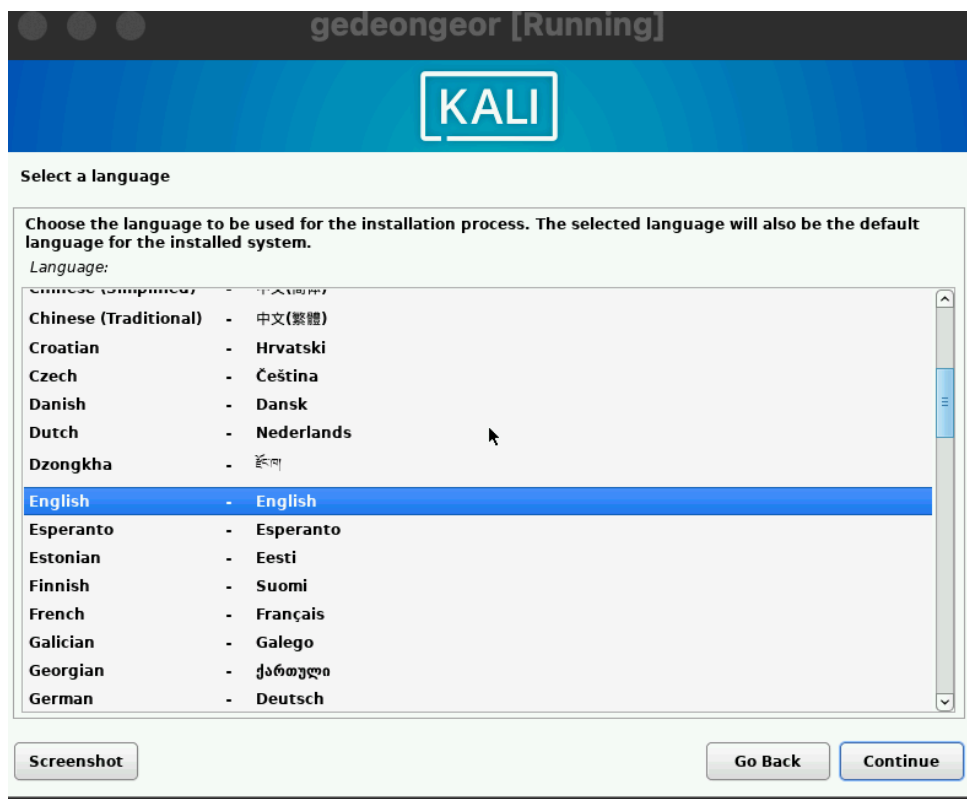
4)Выделяем под виртуальную машину 50 ГБ памяти.

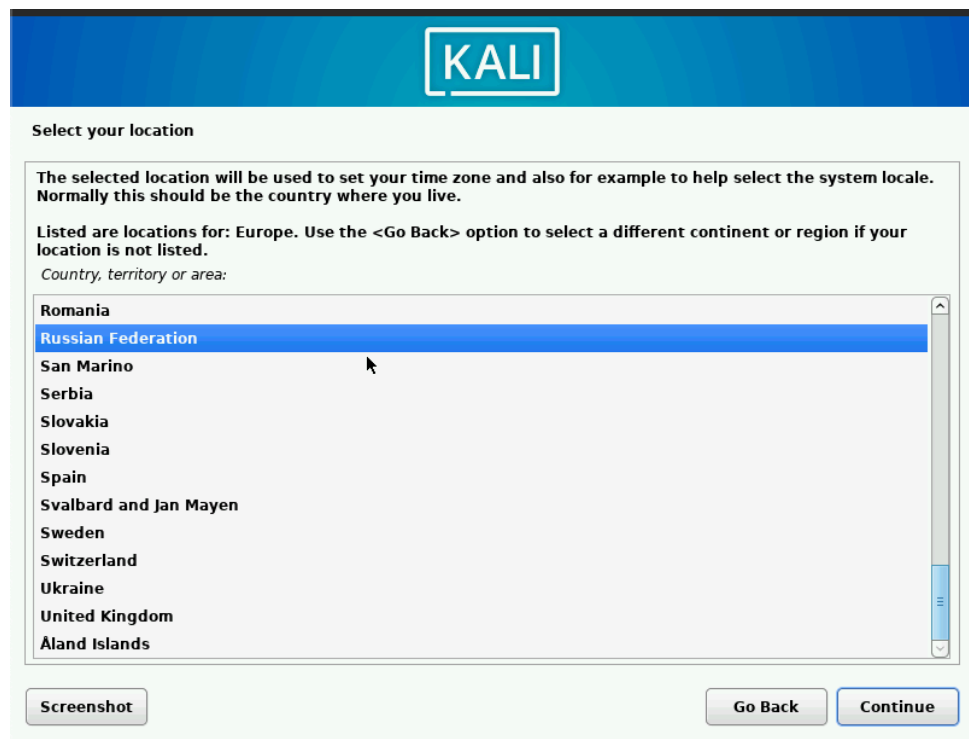


5)Включаем виртуальную машину, выбор языка.



6)Выбор языка.





7) Базовое окружение выбираем Software.

KALI

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

8) Установите пароль для пользователя root.

KALI

Set up users and passwords

Make sure to select a strong password that cannot be guessed.

Choose a password for the new user:

●●●●●●●●

☐ Show Password in Clear

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

Re-enter password to verify:

●●●●●●●●

☐ Show Password in Clear

Screenshot

Go Back

Continue

9) Установка завершена. Перезагрузить.

KALI

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:

Moscow-01 - Kaliningrad

Moscow+00 - Moscow

Moscow+01 - Samara

Moscow+02 - Yekaterinburg

Moscow+03 - Omsk

Moscow+04 - Krasnoyarsk

Moscow+05 - Irkutsk

Moscow+06 - Yakutsk

Moscow+07 - Vladivostok

Moscow+08 - Magadan

Moscow+09 - Kamchatka

10)Создайте систему Kali Linux. Установка завершена!

KALI

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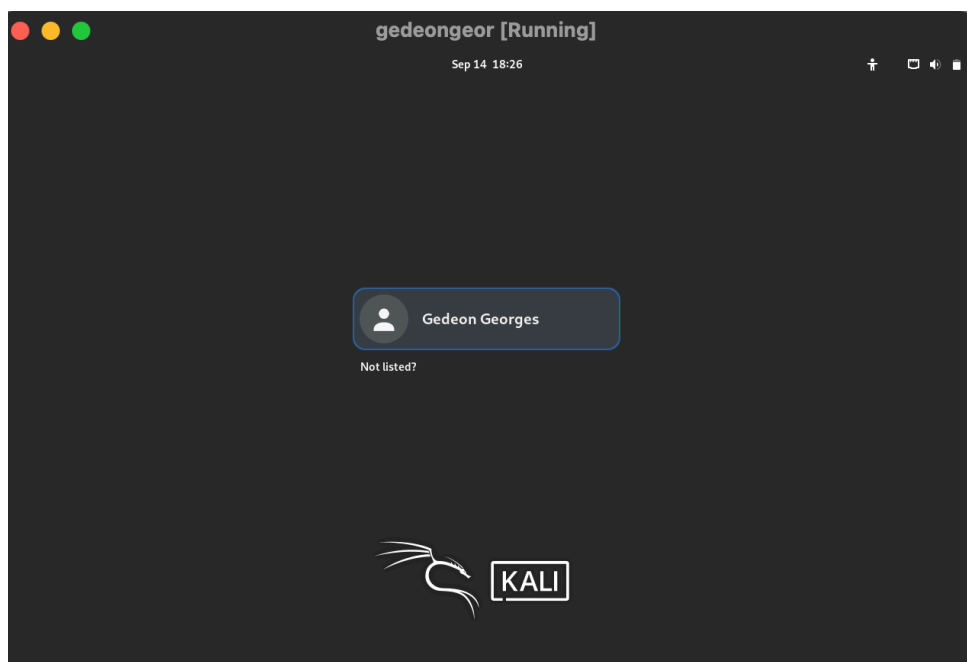
☒ Collection of tools [selecting this item has no effect]

☒ ... top10 -- the 10 most popular tools

☒ ... default -- recommended tools (available in the live system)

Screenshot

Continue



Выводы

Я установил VirtualBox, поставил на виртуальную машину Kali Linux. Скомпилировал файлы из формата md в pdf и docx.