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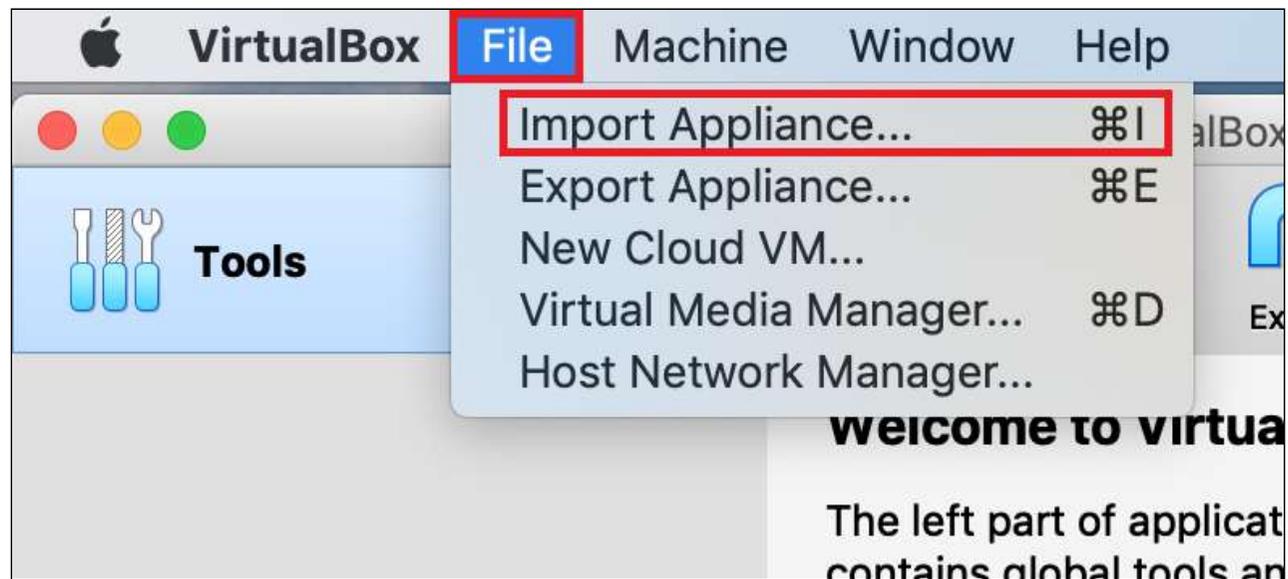
## OVA Import & VPN Setup Guide

- **OVA Import**
  - [For VirtualBox on Mac](#)
  - [For VirtualBox on Windows](#)
  - [For VirtualBox on Linux](#)
- **VPN Setup**

**Note :** For smooth installation, please ensure VirtualBox version is  $\geq$  **6.1.22 r144080**

### For VirtualBox on Mac

**Step 1:** To add a new ova file to virtual box select File → Import Appliance.



**Step 2:** Browse to the downloaded ova file **NotSoSecure\_WebHacking\_Kali.ova** and click Next

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## Appliance to import

Please choose the source to import appliance from. This can be a local file system to import OVF archive or one of known cloud providers to import cloud VM from.

Source:

Please choose a file to import the virtual appliance from. VirtualBox currently supports importing appliances saved in the Open Virtualization Format (OVF). To continue, select the file to import below.

File:

Expert Mode

Go Back

Continue

**Step 3:** Review the settings and Check MAC Address Policy is set to **Generate new MAC addresses for all network ada** Import.

## Appliance settings

These are the virtual machines contained in the appliance and the suggested settings of the imported VirtualBox machines. You change many of the properties shown by double-clicking on the items and disable others using the check boxes below.

### Virtual System 1

 Name	NotSoSecure_WebHacking_Kali
 Product	NotSoSecure Web Hacking Custom Kali
 Product-URL	<a href="https://notsosecure.com/hacking-training/advanced-web-hacking/">https://notsosecure.com/hacking-training/advanced-web-hacking/</a>
 Vendor	NotSoSecure Global Services, A Claranet Group Company
 Vendor-URL	<a href="https://notsosecure.com/">https://notsosecure.com/</a>
 Version	2021v1
 Description	Welcome to Advanced Web Hacking/ Web Hacking Black Belt Edition Training. ...
 Guest OS Type	 Ubuntu (64-bit)
 CPU	3
 RAM	4096 MB

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	DVD	<input checked="" type="checkbox"/>
	USB Controller	<input checked="" type="checkbox"/>
	Sound Card	<input checked="" type="checkbox"/> ICH AC97
	Network Adapter	<input checked="" type="checkbox"/> Intel PRO/1000 MT Desktop (82540EM)
	Storage Controller (IDE)	PIIX4
	Storage Controller (IDE)	PIIX4
	Storage Controller (SATA)	AHCI
	Virtual Disk Image	NotSoSecure_WebHacking_Kali-disk001.vmdk
	Base Folder	/Users/[REDACTED]/VirtualBox VMs
	Primary Group	/

Machine Base Folder:

MAC Address Policy:

Additional Options:  Import hard drives as VDI

Appliance is not signed

**Step 4:** Installation of the VM progresses.

 Importing virtual disk image 'NotSoSecure\_WebHacking\_Kali-disk001.vmdk'

1 minute, 42 seconds remaining

**Step 5:** Import has been successful. The machine credentials are highlighted in the image. Start the VM and use the mentioned for the login (root:toor).

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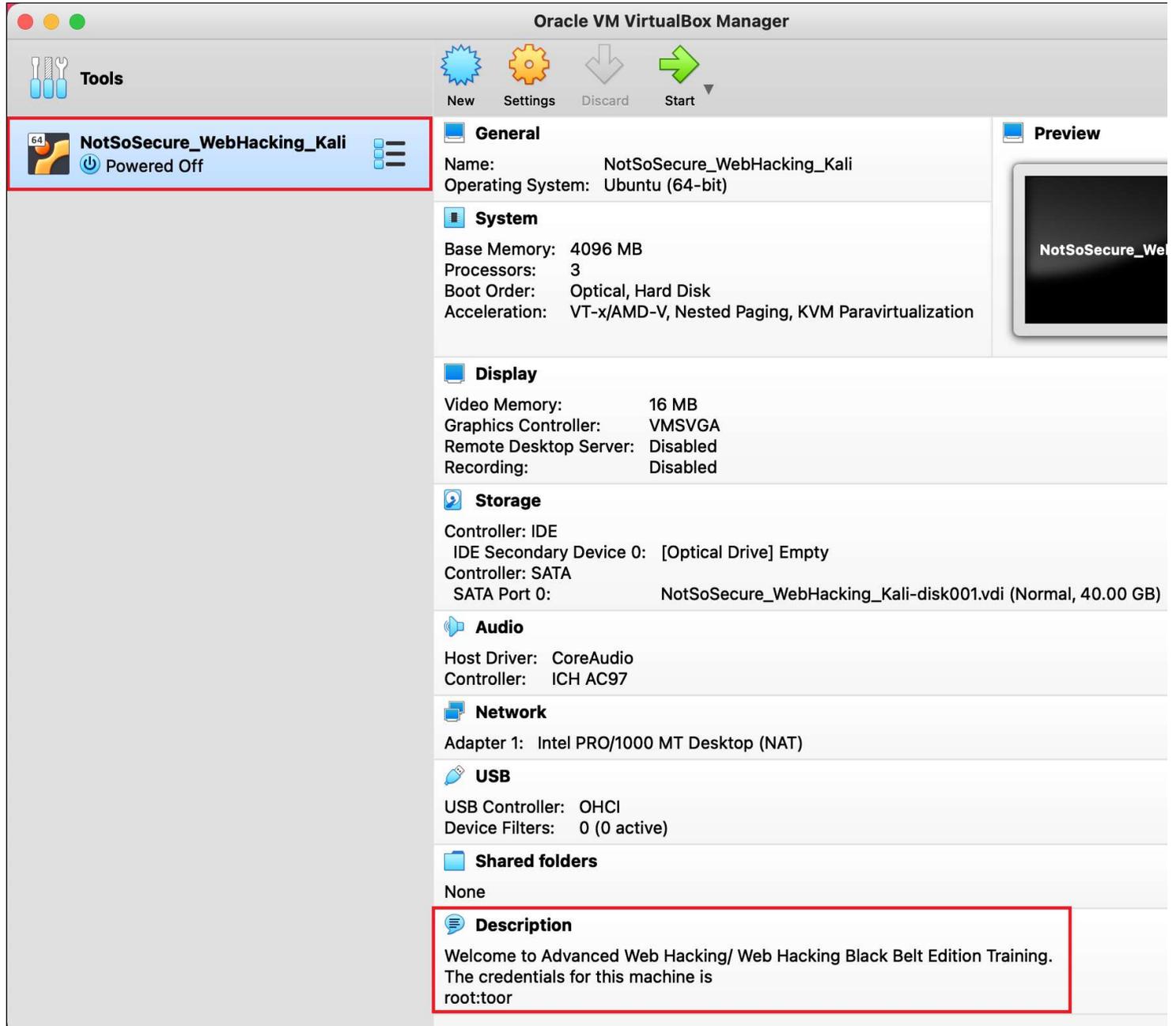
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The screenshot displays the Oracle VM VirtualBox Manager interface. The main window shows the settings for a virtual machine named "NotSoSecure\_WebHacking\_Kali", which is currently powered off. The settings are organized into several sections:

- General:** Name: NotSoSecure\_WebHacking\_Kali, Operating System: Ubuntu (64-bit)
- System:** Base Memory: 4096 MB, Processors: 3, Boot Order: Optical, Hard Disk, Acceleration: VT-x/AMD-V, Nested Paging, KVM Paravirtualization
- Display:** Video Memory: 16 MB, Graphics Controller: VMSVGA, Remote Desktop Server: Disabled, Recording: Disabled
- Storage:** Controller: IDE, IDE Secondary Device 0: [Optical Drive] Empty, Controller: SATA, SATA Port 0: NotSoSecure\_WebHacking\_Kali-disk001.vdi (Normal, 40.00 GB)
- Audio:** Host Driver: CoreAudio, Controller: ICH AC97
- Network:** Adapter 1: Intel PRO/1000 MT Desktop (NAT)
- USB:** USB Controller: OHCI, Device Filters: 0 (0 active)
- Shared folders:** None
- Description:** Welcome to Advanced Web Hacking/ Web Hacking Black Belt Edition Training. The credentials for this machine is root:toor

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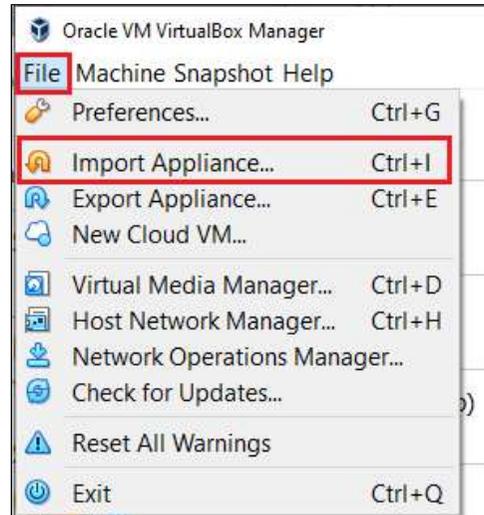
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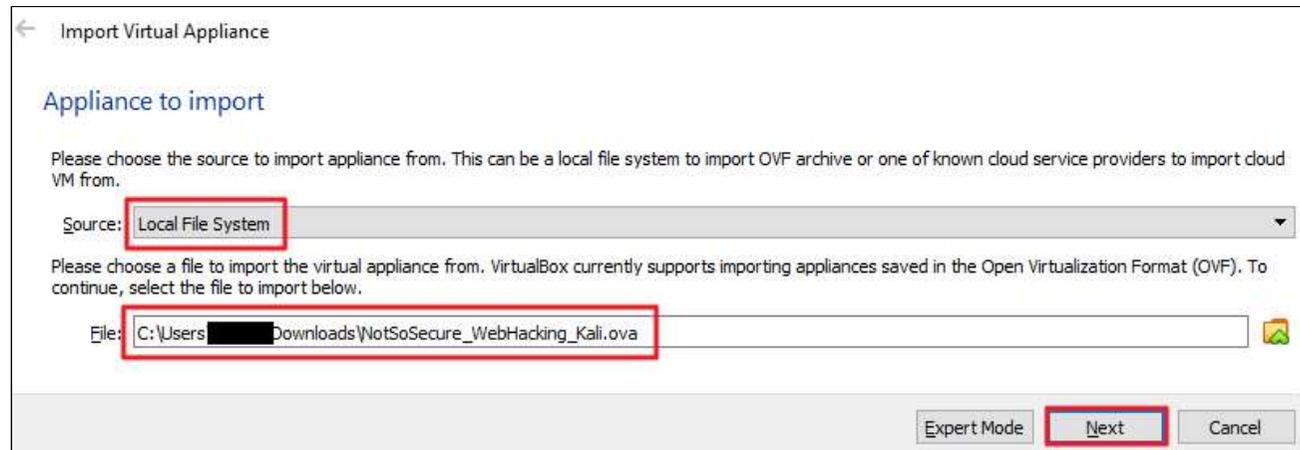
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## For VirtualBox on Windows

**Step 1:** To add a new ova file to virtual box select File → Import Appliance.



**Step 2:** Browse to the downloaded ova file **NotSoSecure\_WebHacking\_Kali.ova** and click Next



**Step 3:** Review the settings and Check MAC Address Policy is set to **Generate new MAC addresses for all network ada** Import.

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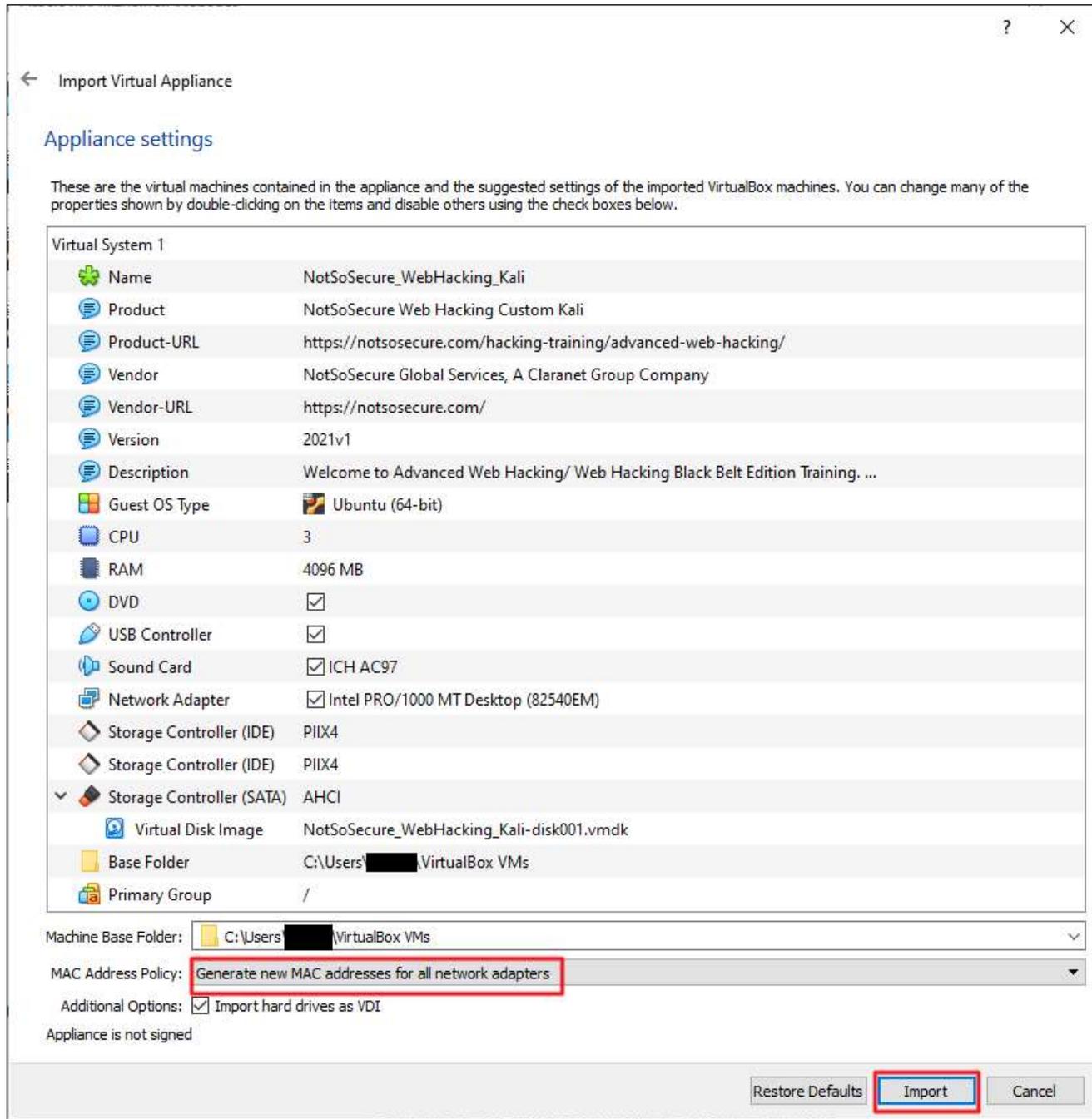
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← Import Virtual Appliance

### Appliance settings

These are the virtual machines contained in the appliance and the suggested settings of the imported VirtualBox machines. You can change many of the properties shown by double-clicking on the items and disable others using the check boxes below.

Virtual System 1	
Name	NotSoSecure_WebHacking_Kali
Product	NotSoSecure Web Hacking Custom Kali
Product-URL	https://notsosecure.com/hacking-training/advanced-web-hacking/
Vendor	NotSoSecure Global Services, A Claranet Group Company
Vendor-URL	https://notsosecure.com/
Version	2021v1
Description	Welcome to Advanced Web Hacking/ Web Hacking Black Belt Edition Training. ...
Guest OS Type	Ubuntu (64-bit)
CPU	3
RAM	4096 MB
DVD	<input checked="" type="checkbox"/>
USB Controller	<input checked="" type="checkbox"/>
Sound Card	<input checked="" type="checkbox"/> ICH AC97
Network Adapter	<input checked="" type="checkbox"/> Intel PRO/1000 MT Desktop (82540EM)
Storage Controller (IDE)	PIIX4
Storage Controller (IDE)	PIIX4
Storage Controller (SATA)	AHCI
Virtual Disk Image	NotSoSecure_WebHacking_Kali-disk001.vmdk
Base Folder	C:\Users\...VirtualBox VMs
Primary Group	/

Machine Base Folder: C:\Users\...VirtualBox VMs

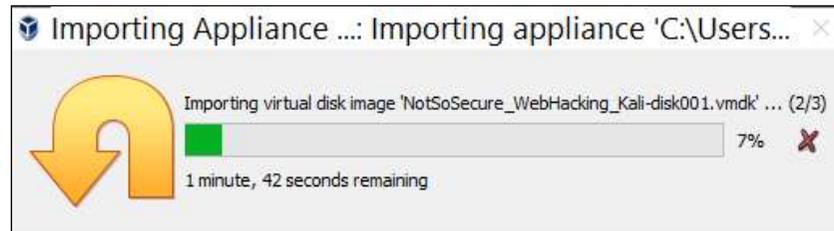
MAC Address Policy: **Generate new MAC addresses for all network adapters**

Additional Options:  Import hard drives as VDI

Appliance is not signed

Restore Defaults **Import** Cancel

**Step 4:** Installation of the VM progresses.



**Step 5:** Import has been successful; The following credentials are used to login to the VM.

- **Username:** root
- **Password:** toor

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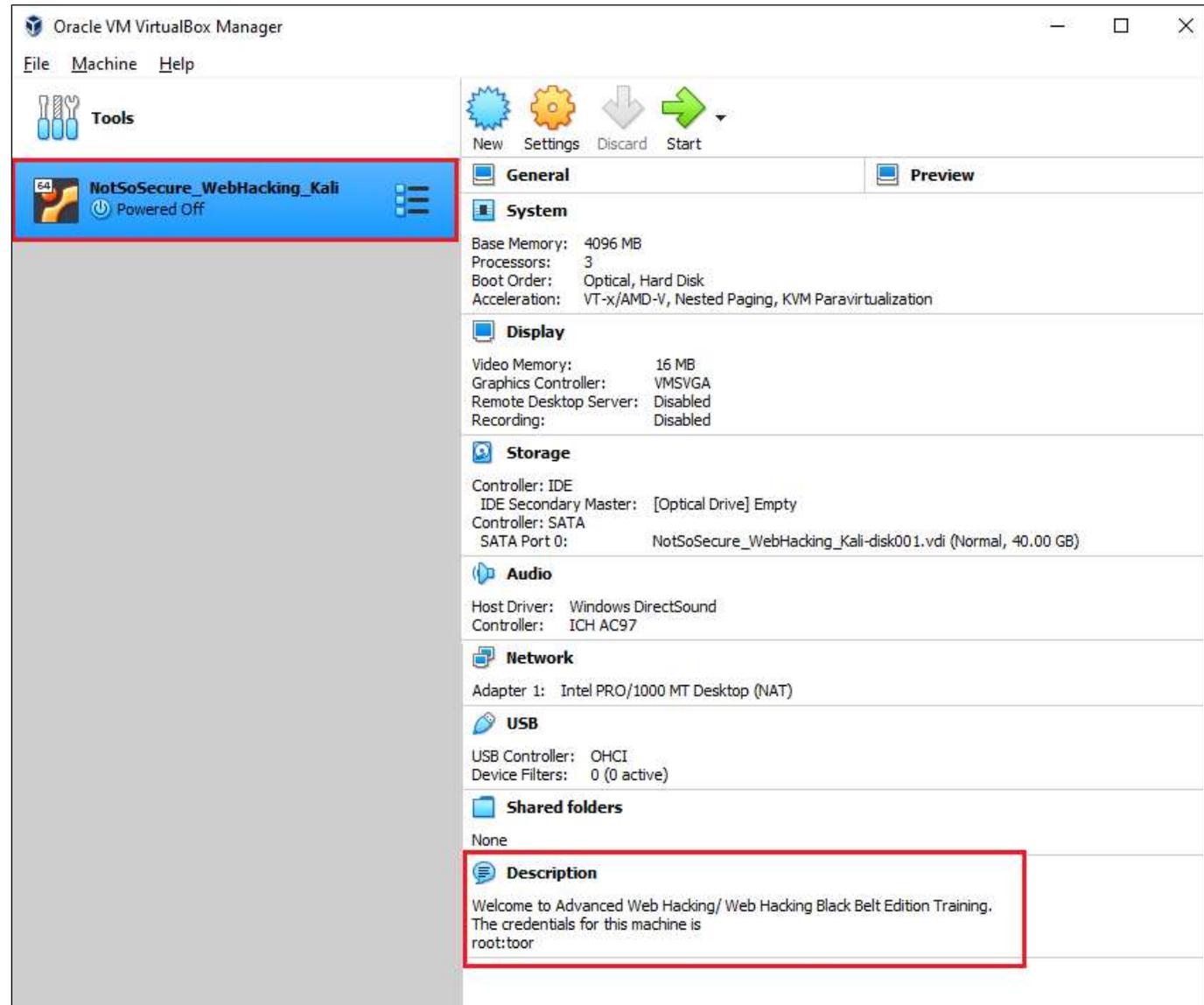
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## For VirtualBox on Linux

**Step 1:** To add a new ova file to virtual box select File → Import Appliance.

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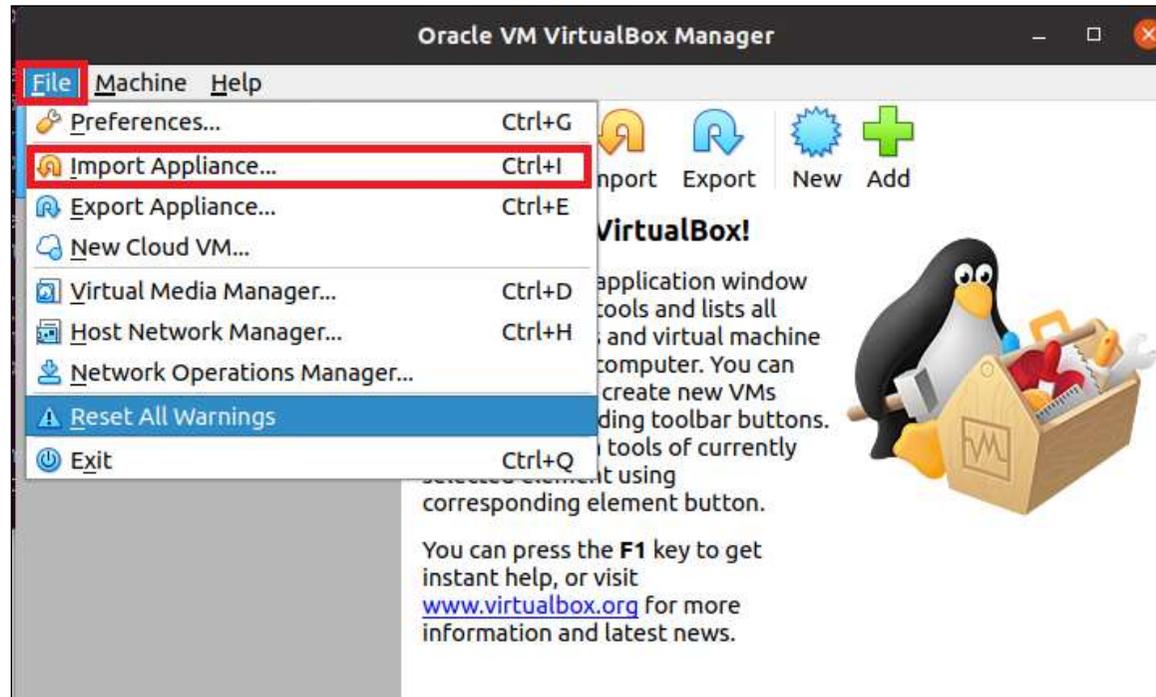
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**Step 2:** Browse to the downloaded ova file **NotSoSecure\_WebHacking\_Kali.ova** and click Next

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### Import Virtual Appliance

#### Appliance to import

Please choose the source to import appliance from. This can be a local file system to import OVF archive or one of service providers to import cloud VM from.

Source:

Please choose a file to import the virtual appliance from. VirtualBox currently supports importing appliances saved in Virtualization Format (OVF). To continue, select the file to import below.

File

**Step 3:** Review the settings and Check MAC Address Policy is set to **Generate new MAC addresses for all network adapters** and click **Import**.

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## Import Virtual Appliance

### Appliance settings

These are the virtual machines contained in the appliance and the suggested settings of the imported VirtualBox can change many of the properties shown by double-clicking on the items and disable others using the check box

Virtual System 1	
Name	NotSoSecure_WebHacking_Kali
Product	NotSoSecure Web Hacking Custom Kali
Product-URL	https://notsosecure.com/hacking-training/advanced-web-hacking/
Vendor	NotSoSecure Global Services, A Claranet Group Company
Vendor-URL	https://notsosecure.com/
Version	2021v1
Description	Welcome to Advanced Web Hacking/ Web Hacking Black Belt Edition Training. ..
Guest OS Type	Ubuntu (64-bit)
CPU	3
RAM	4096 MB
DVD	<input checked="" type="checkbox"/>
USB Controller	<input checked="" type="checkbox"/>
Sound Card	<input checked="" type="checkbox"/> ICH AC97
Network Adapter	<input checked="" type="checkbox"/> Intel PRO/1000 MT Desktop (82540EM)
Storage Controller (IDE)	PIIX4
Storage Controller (IDE)	PIIX4
Storage Controller (SATA)	AHCI
Virtual Disk Image	NotSoSecure_WebHacking_Kali-disk001.vmdk
Base Folder	/home/██████/VirtualBox VMs
Primary Group	/

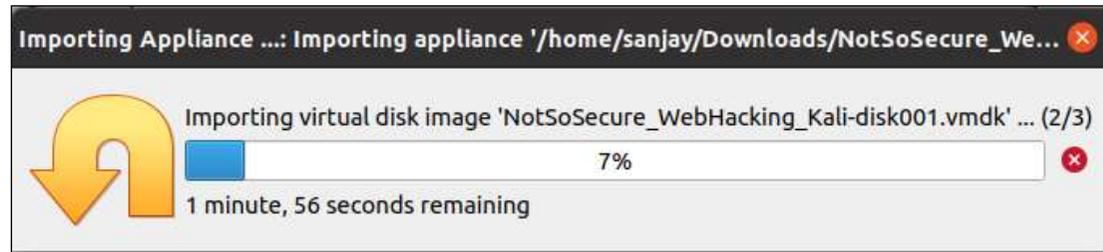
Machine Base Folder:

MAC Address Policy: **Generate new MAC addresses for all network adapters**

Additional Options:  Import hard drives as VDI

Appliance is not signed

**Step 4:** Installation of the VM progresses.



**Step 5:** Import has been successful. The machine credentials are highlighted in the image. Start the VM and use the credentials mentioned for the login (root:toor).

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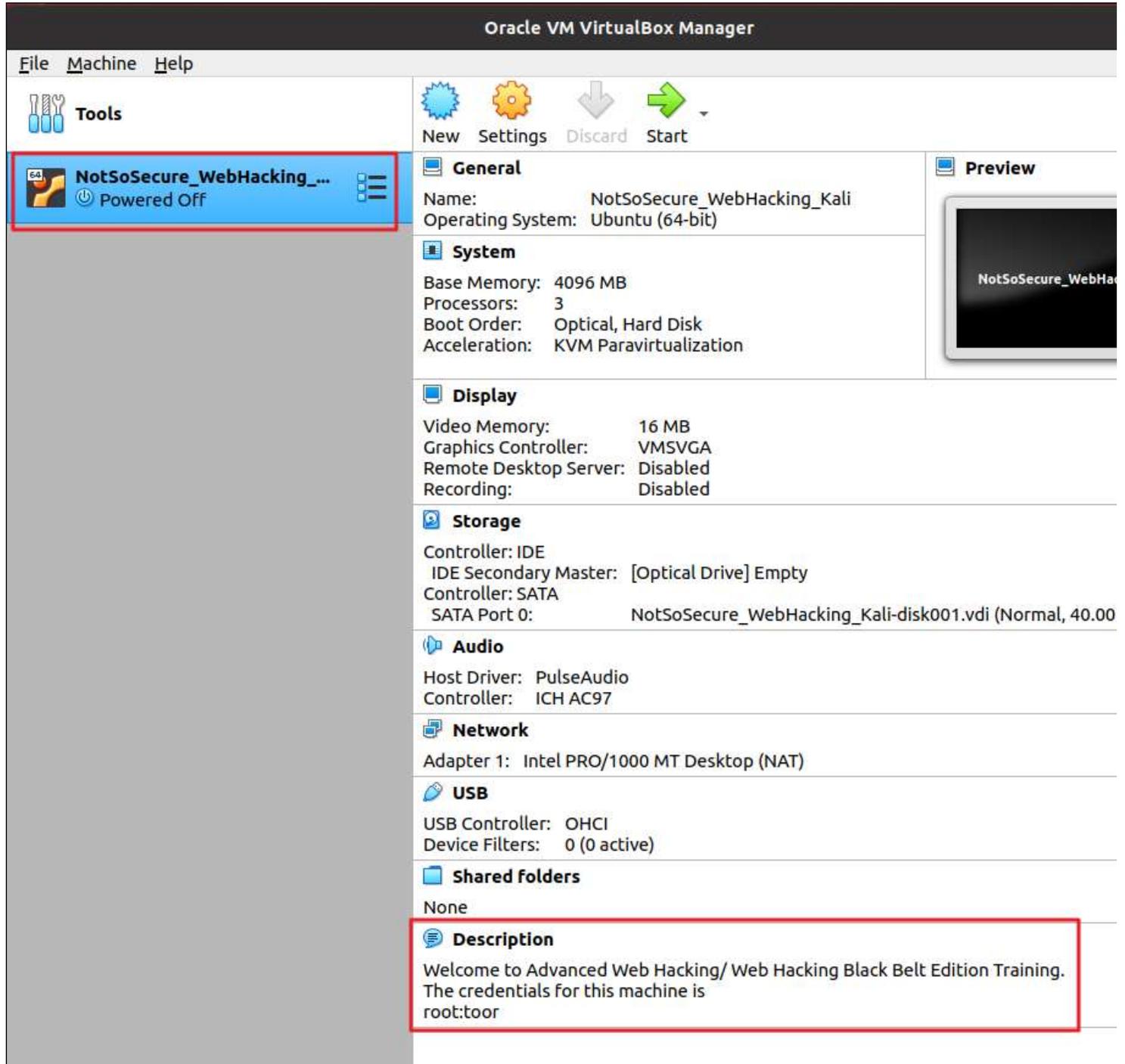
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The screenshot displays the Oracle VM VirtualBox Manager interface. The main window shows the settings for a virtual machine named "NotSoSecure\_WebHacking\_Kali", which is currently powered off. The settings are organized into several sections: General, System, Display, Storage, Audio, Network, USB, Shared folders, and Description. The Description section is highlighted with a red box and contains the following text: "Welcome to Advanced Web Hacking/ Web Hacking Black Belt Edition Training. The credentials for this machine is root:toor".

**Oracle VM VirtualBox Manager**

File Machine Help

**Tools**

New Settings Discard Start

**NotSoSecure\_WebHacking\_...** Powered Off

**General**

Name: NotSoSecure\_WebHacking\_Kali  
Operating System: Ubuntu (64-bit)

**System**

Base Memory: 4096 MB  
Processors: 3  
Boot Order: Optical, Hard Disk  
Acceleration: KVM Paravirtualization

**Display**

Video Memory: 16 MB  
Graphics Controller: VMSVGA  
Remote Desktop Server: Disabled  
Recording: Disabled

**Storage**

Controller: IDE  
IDE Secondary Master: [Optical Drive] Empty  
Controller: SATA  
SATA Port 0: NotSoSecure\_WebHacking\_Kali-disk001.vdi (Normal, 40.00)

**Audio**

Host Driver: PulseAudio  
Controller: ICH AC97

**Network**

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

**USB**

USB Controller: OHCI  
Device Filters: 0 (0 active)

**Shared folders**

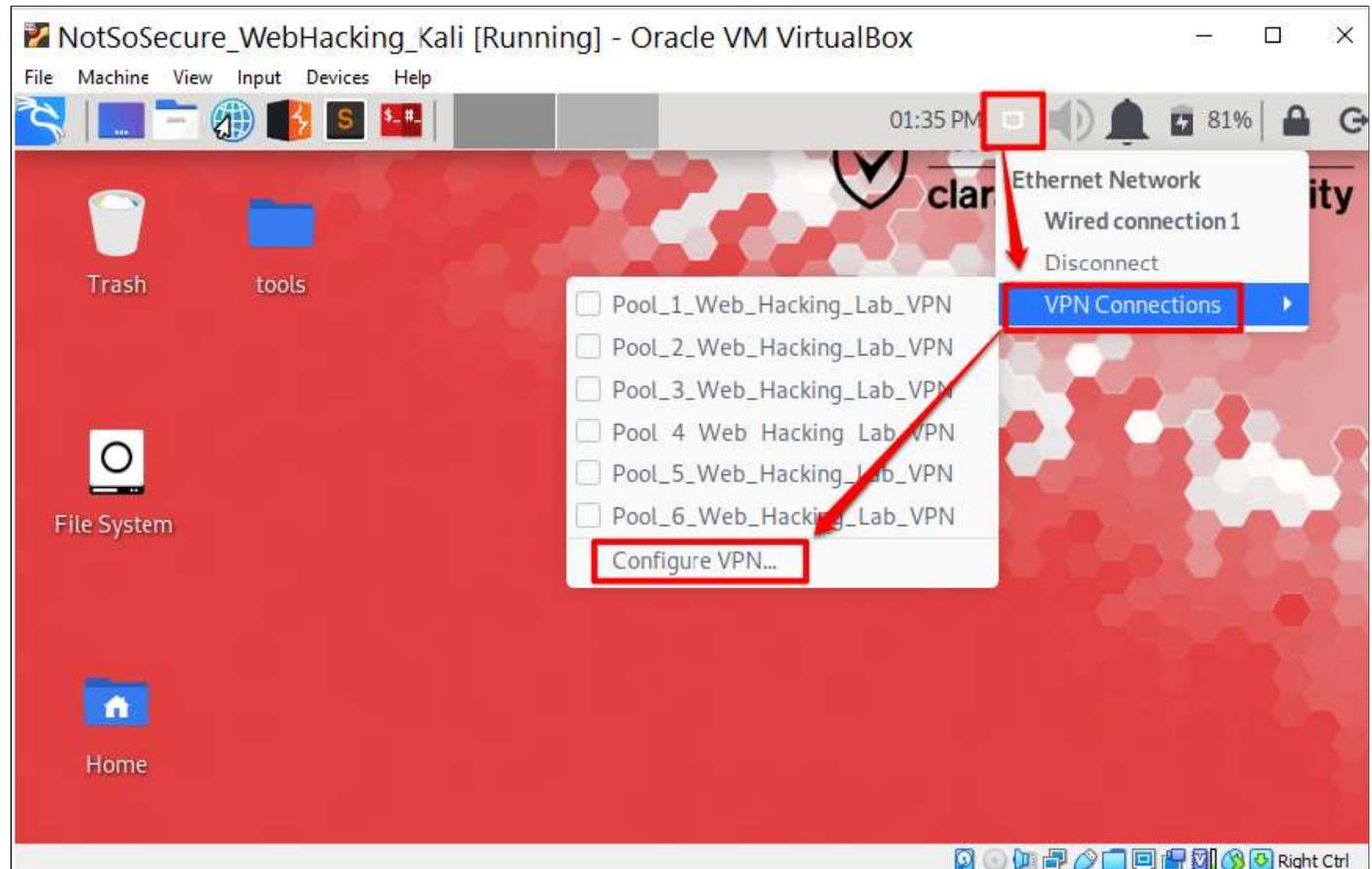
None

**Description**

Welcome to Advanced Web Hacking/ Web Hacking Black Belt Edition Training.  
The credentials for this machine is  
root:toor

## VPN Setup

**Step 1:** Login using the credentials 'root:toor'. Click on the Network Connection icon at top right corner and select 'VPN Connections' under the 'VPN Connection' menu.



**Step 2:** Select the Pool mentioned in the student handout.

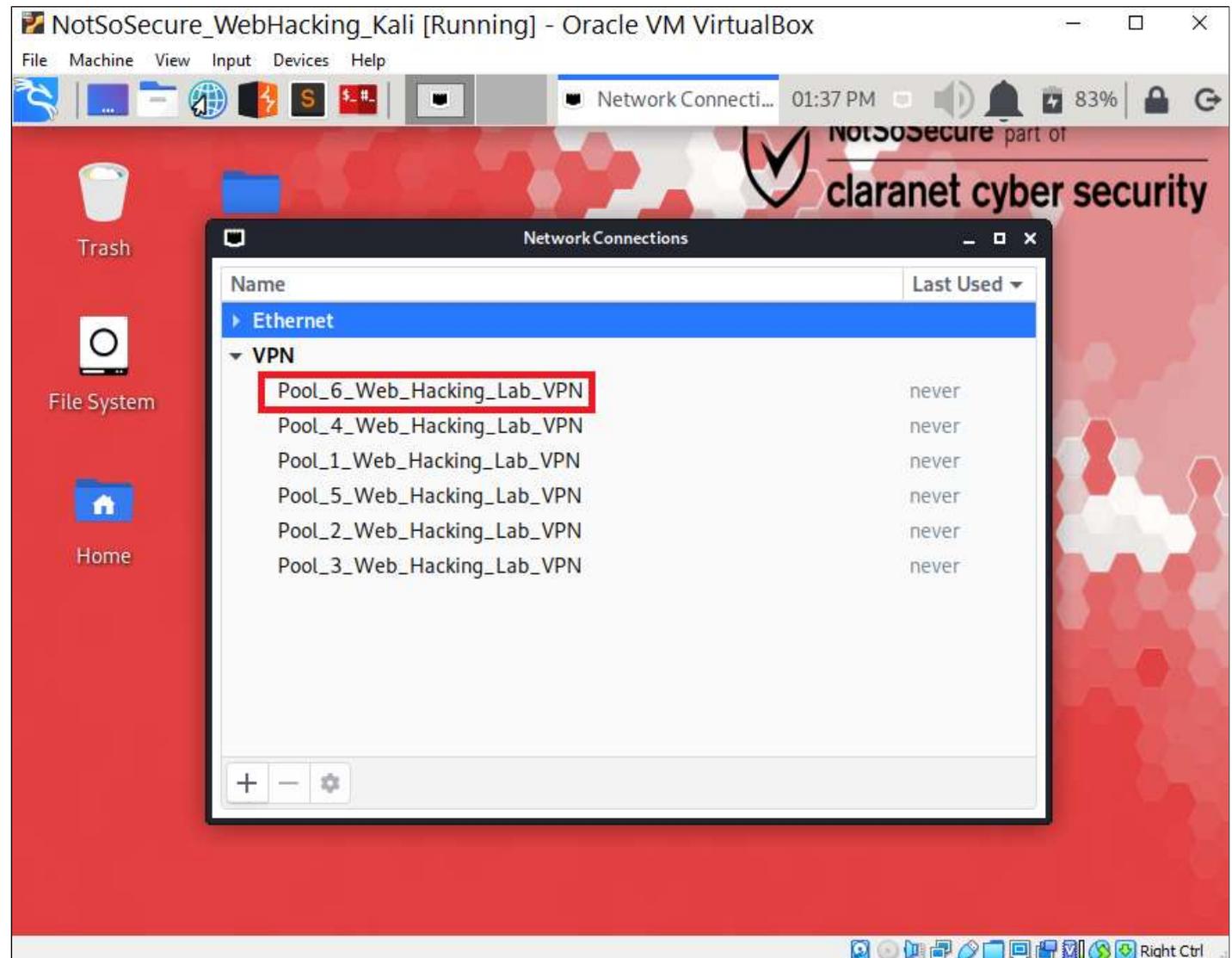
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**Step 3:** Save the VPN username and password mentioned in the student handout.

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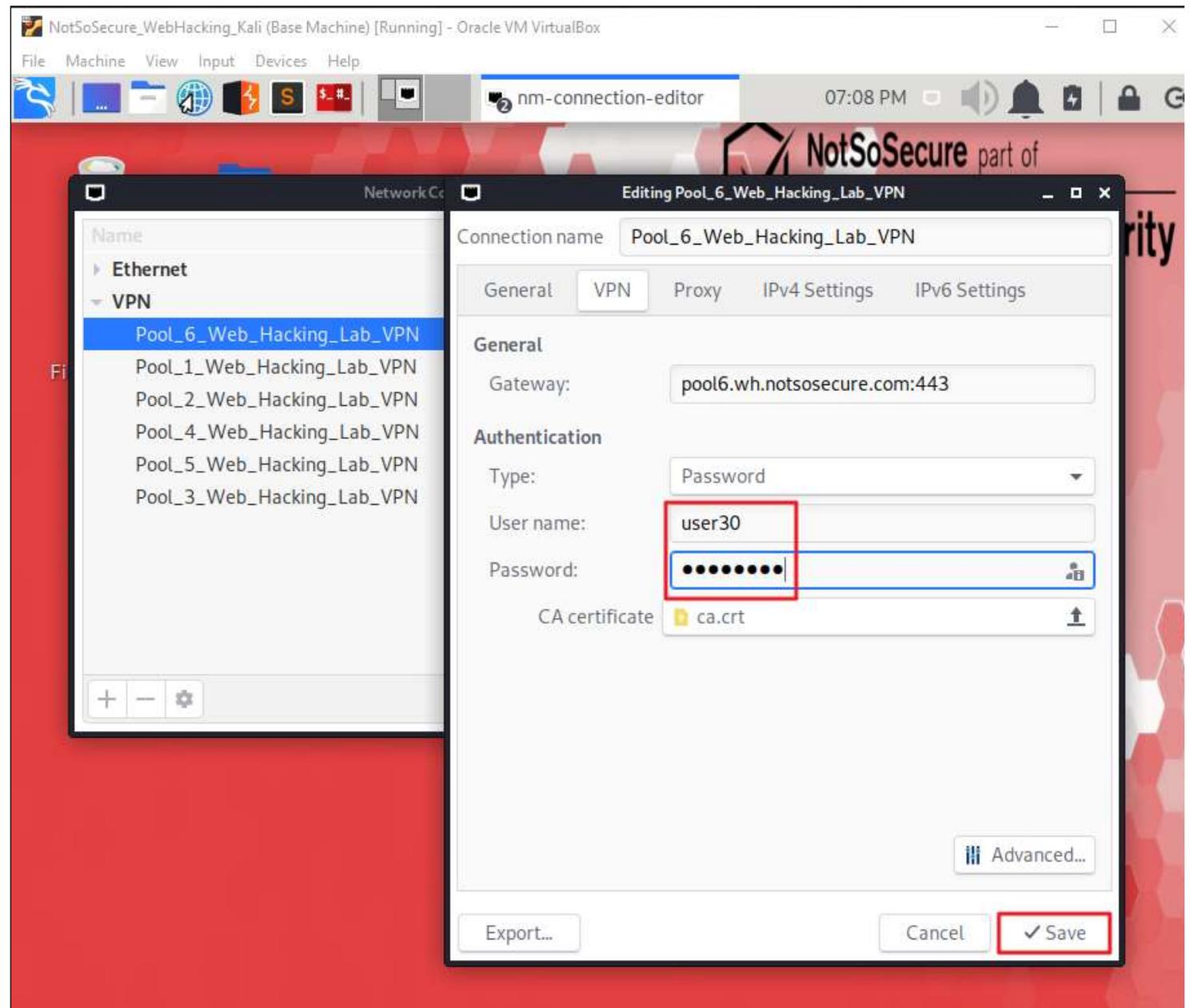
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**Step 4:** Again click on the Network Connection icon at top right corner and select your Pool.

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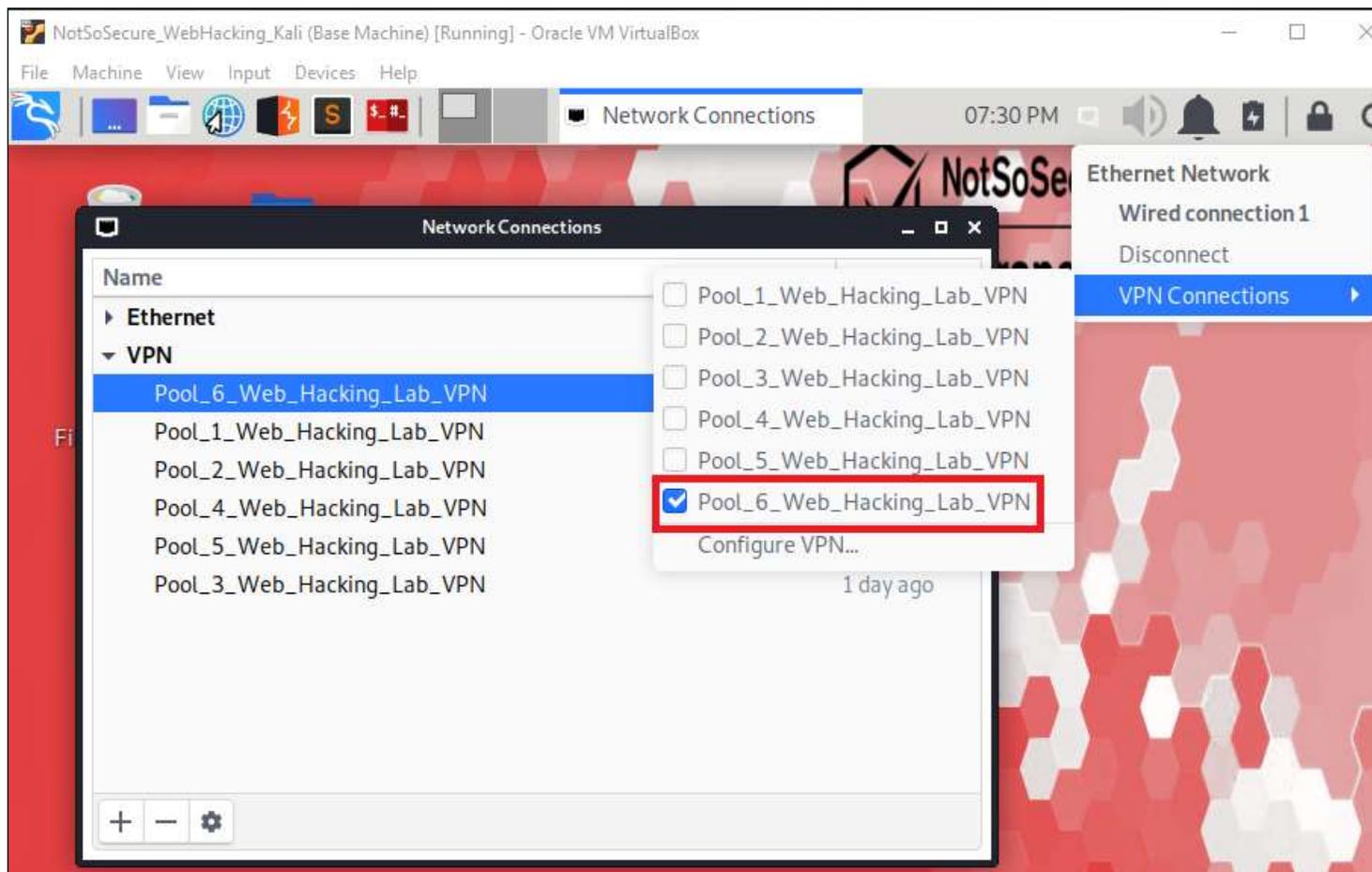
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**Note:** In case you unable to connect to the VPN, Follow the [Manual VPN Connection Guide](#)

**Step 5:** Once connected to the VPN, an IP 192.168.4.X will be allocated to the machine.

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```
(root@kali)~# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether 08:00:27:80:13:f4 brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute eth0
        valid_lft 85679sec preferred_lft 85679sec
    inet6 fe80::2e92:9646:d0d2:daf7/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
3: tap0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UNKNOWN group default qlen 1000
    link/ether 5e:1a:ac:87:1e:b7 brd ff:ff:ff:ff:ff:ff
    inet 192.168.4.85/24 scope global tap0
        valid_lft forever preferred_lft forever
    inet6 fe80::5c1a:acff:fe87:1eb7/64 scope link
        valid_lft forever preferred_lft forever
```