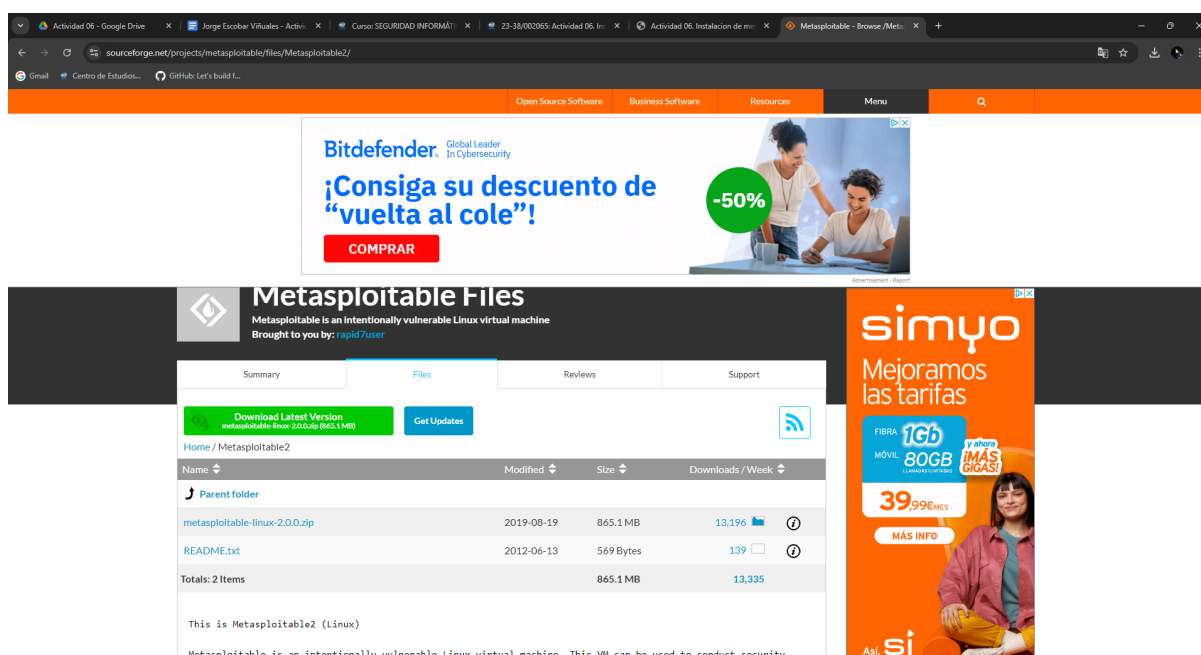


Actividad 06. Instalación de Metasploitable 2

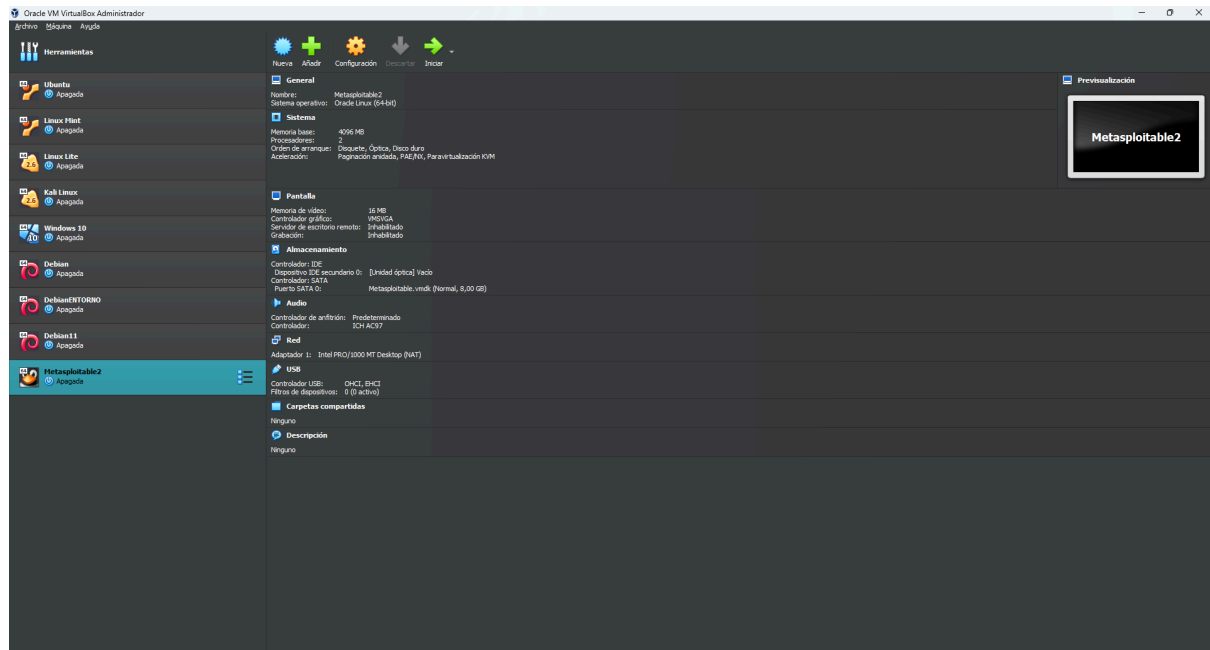
1. Una vez finalizado, sube a la plataforma un documento con capturas de pantalla, que muestren los pasos realizados

1. Una vez finalizado, sube a la plataforma un documento con capturas de pantalla, que muestren los pasos realizados

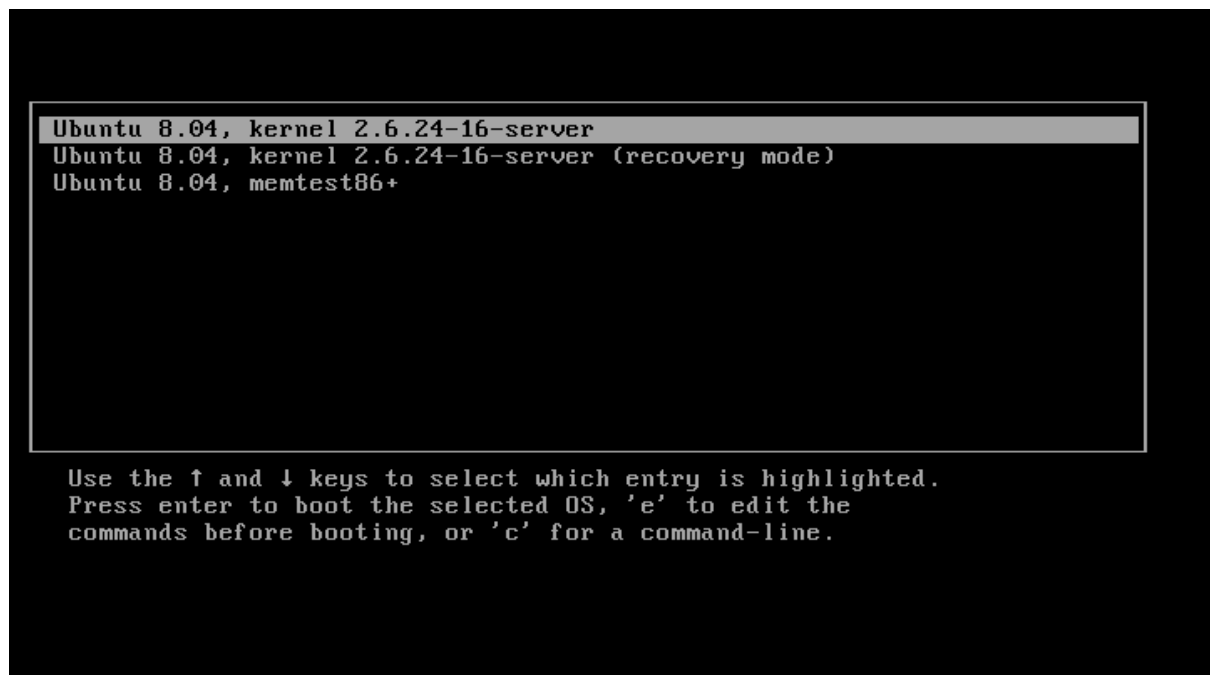
Descargamos la máquina de SurgeForce:



Una vez descargado, creamos la máquina virtual de Metasploitable2 con 4GB de RAM y 2 procesadores:



Una vez realizado, iniciamos la máquina. Cada vez que iniciemos nos dará un error y para evitarlo haremos los siguientes pasos. Le damos *ESC* y pulsamos e en la opción *Ubuntu 8.04 kernel 2.6.24-16-server*.



En la opción root, pulsamos e y ponemos al final *noapic*:

```
root (hd0,0)
kernel /vmlinuz-2.6.24-16-server root=/dev/mapper/metasploitable-roo→
initrd /initrd.img-2.6.24-16-server
quiet
```

Use the ↑ and ↓ keys to select which entry is highlighted. Press 'b' to boot, 'e' to edit the selected command in the boot sequence, 'c' for a command-line, 'o' to open a new line after ('O' for before) the selected line, 'd' to remove the selected line, or escape to go back to the main menu.

```
[ Minimal BASH-like line editing is supported.  For
the first word, TAB lists possible command
completions.  Anywhere else TAB lists the possible
completions of a device/filename.  ESC at any time
exits. ]
```

```
grub edit> root (hd0,0) noapic_
```

Ahora en la segunda opción hacemos los mismos pasos que el anterior:

```
root (hd0,0) noapic
kernel /vmlinuz-2.6.24-16-server root=/dev/mapper/metasploitable-roo→
initrd /initrd.img-2.6.24-16-server
quiet
```

Use the ↑ and ↓ keys to select which entry is highlighted.
Press 'b' to boot, 'e' to edit the selected command in the
boot sequence, 'c' for a command-line, 'o' to open a new line
after ('O' for before) the selected line, 'd' to remove the
selected line, or escape to go back to the main menu.

```
[ Minimal BASH-like line editing is supported.  For
  the first word, TAB lists possible command
  completions.  Anywhere else TAB lists the possible
  completions of a device/filename.  ESC at any time
  exits. ]
```

```
<loitable-root ro quiet splash noapic_
```

Pulsamos *b* y se reinicia:

```
Warning: Never expose this VM to an untrusted network!
Contact: msfdev[at]metasploit.com
Login with msfadmin/msfadmin to get started

metasploitable login: msfadmin
Password:
Last login: Mon Aug 19 06:47:34 EDT 2024 on tty1
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$ _
```

Una vez iniciada, ejecutamos el comando “*sudo nano /boot/grub/menu.lst*”:

```
Warning: Never expose this VM to an untrusted network!
Contact: msfdev[at]metasploit.com
Login with msfadmin/msfadmin to get started

metasploitable login: msfadmin
Password:
Last login: Mon Aug 19 06:47:34 EDT 2024 on tty1
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http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$ sudo nano /boot/grub/menu.lst_
```

Al final del documento ponemos *noapic*. Guardamos y reiniciamos máquina:

```
GNU nano 2.0.7      File: /boot/grub/menu.lst      Modified

## can be true or false
# updatedefaultentry=false

## should update-grub add savedefault to the default options
## can be true or false
# savedefault=false

## ## End Default Options ##

title                Ubuntu 8.04, kernel 2.6.24-16-server
root                 (hd0,0)
$-root ro quiet splash noapic
initrd               /initrd.img-2.6.24-16-server
quiet

title                Ubuntu 8.04, kernel 2.6.24-16-server (recovery mode)
root                 (hd0,0)
kernel               /vmlinuz-2.6.24-16-server root=/dev/mapper/metasploitable-root $
initrd               /initrd.img-2.6.24-16-server

^G Get Help  ^O WriteOut  ^R Read File ^Y Prev Page ^K Cut Text  ^C Cur Pos
^X Exit      ^J Justify   ^W Where Is ^V Next Page ^U UnCut Text ^T To Spell
```

```
GNU nano 2.0.7      File: /boot/grub/menu.lst

## can be true or false
# updatedefaultentry=false

## should update-grub add savedefault to the default options
## can be true or false
# savedefault=false

## ## End Default Options ##

title                Ubuntu 8.04, kernel 2.6.24-16-server
root                 (hd0,0)
$-root ro quiet splash noapic
initrd               /initrd.img-2.6.24-16-server
quiet

title                Ubuntu 8.04, kernel 2.6.24-16-server (recovery mode)
root                 (hd0,0)
kernel               /vmlinuz-2.6.24-16-server root=/dev/mapper/metasploitable-root $
initrd               /initrd.img-2.6.24-16-server

[ Wrote 146 lines ]

msfadmin@metasploitable:~$ sudo reboot
```

Ya no nos dará el error. Entonces una vez reiniciado, ejecutamos el comando *ifconfig*:

```
Warning: Never expose this VM to an untrusted network!

Contact: msfdev[at]metasploit.com

Login with msfadmin/msfadmin to get started

metasploitable login: msfadmin
Password:
Last login: Mon Aug 19 06:51:07 EDT 2024 on tty1
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686

The programs included with the Ubuntu system are free software;
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individual files in /usr/share/doc/*/copyright.

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applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$ _
```

```
To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:c5:ab:27
          inet addr:10.0.2.15  Bcast:10.0.2.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fec5:ab27/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:36 errors:0 dropped:0 overruns:0 frame:0
          TX packets:65 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:4442 (4.3 KB)  TX bytes:6830 (6.6 KB)
          Base address:0xd020 Memory:f0200000-f0220000

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:92 errors:0 dropped:0 overruns:0 frame:0
          TX packets:92 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:19393 (18.9 KB)  TX bytes:19393 (18.9 KB)

msfadmin@metasploitable:~$ _
```