



Universidad de Guadalajara

CUCEI



SEMINARIO DE SOLUCION DE

PROBLEMAS DE USO, ADAPTACION, EXPLOTACION DE
SISTEMAS OPERATIVOS

Challenge 1: Linux Scripting & Services Automation

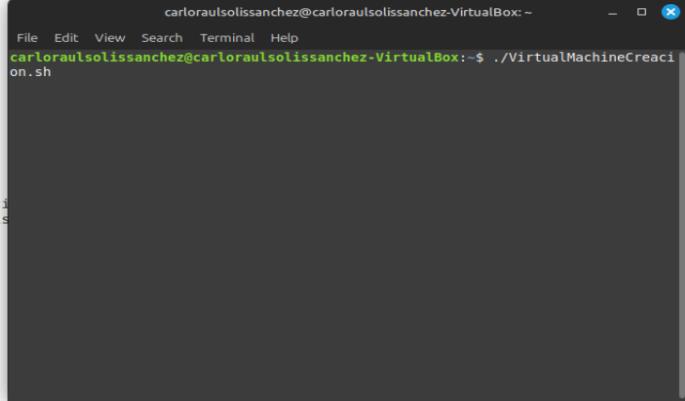
ALUMNO: SOLÍS SÁNCHEZ CARLO RAÚL

CÓDIGO: 218539527

MAESTRO: AVIÑA MENDEZ JOSE ANTONIO

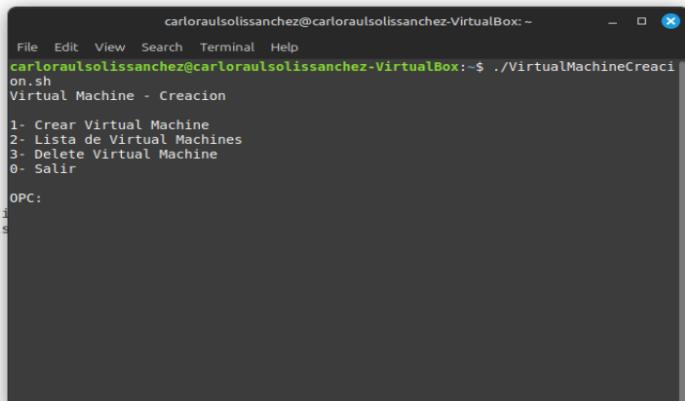
EVIDENCIA

<https://github.com/CarloRaulSolisSanchez/Challenge-1>



```
File Edit View Search Terminal Help
carloraulsolissanchez@carloraulsolissanchez-VirtualBox:~$ ./VirtualMachineCreacion.sh
Virtual Machine - Creacion
1- Crear Virtual Machine
2- Lista de Virtual Machines
3- Delete Virtual Machine
0- Salir
OPC: 1
[CREAR MAQUINA VIRTUAL]
Nombre (MV): maquinaVirtualTest
Tipo de Sistema Operativo: Ubuntu (64-bit)
CPU: 2
RAM(GB): 2048
VRAM: 128
Tamaño del Disco Duro(GB): 80
Virtual Machine - Creacion
1- Crear Virtual Machine
2- Lista de Virtual Machines
3- Delete Virtual Machine
0- Salir
OPC:
```

sh ▾ Spaces: 4 ▾ Ln 5. Col 40 INS

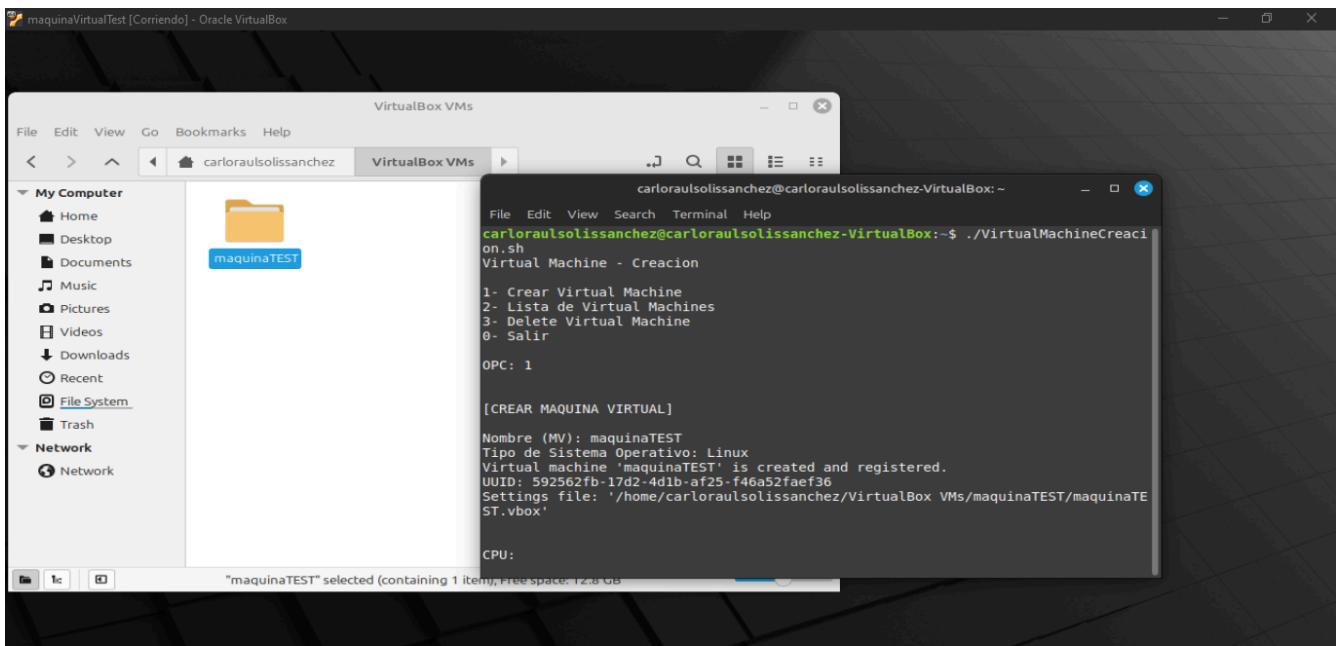


```
File Edit View Search Terminal Help
carloraulsolissanchez@carloraulsolissanchez-VirtualBox:~$ ./VirtualMachineCreacion.sh
Virtual Machine - Creacion
1- Crear Virtual Machine
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[CREAR MAQUINA VIRTUAL]
Nombre (MV): maquinaVirtualTest
Tipo de Sistema Operativo: Ubuntu (64-bit)
CPU: 2
RAM(GB): 2048
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Virtual Machine - Creacion
1- Crear Virtual Machine
2- Lista de Virtual Machines
3- Delete Virtual Machine
0- Salir
OPC:
```

sh ▾ Spaces: 4 ▾ Ln 5. Col 40 INS

```
carloraulsolissanchez@carloraulsolissanchez-VirtualBox:~$ ./VirtualMachineCreacion.sh
Virtual Machine - Creacion
1- Crear Virtual Machine
2- Lista de Virtual Machines
3- Delete Virtual Machine
0- Salir
OPC: 1

[CREAR MAQUINA VIRTUAL]
Nombre (MV):
```



```
carloraulsolissanchez@carloraulsolissanchez-VirtualBox:~  
File Edit View Search Terminal Help  
1- Crear Virtual Machine  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 1  
  
[CREAR MAQUINA VIRTUAL]  
Nombre (MV): maquinaTEST  
Tipo de Sistema Operativo: Linux  
Virtual machine 'maquinaTEST' is created and registered.  
UUID: 592562fb-17d2-4d1b-af25-f46a52faef36  
Settings file: '/home/carloraulsolissanchez/VirtualBox VMs/maquinaTEST/maquinaTEST.vbox'  
  
CPU: 1  
RAM(GB): 4  
VRAM: 2  
  
Tamano del Disco Duro(GB): 1
```

```
carloraulsolissanchez@carloraulsolissanchez-VirtualBox:~  
File Edit View Search Terminal Help  
OPC: 1  
  
[CREAR MAQUINA VIRTUAL]  
Nombre (MV): maquinaTEST  
Tipo de Sistema Operativo: Linux  
Virtual machine 'maquinaTEST' is created and registered.  
UUID: 592562fb-17d2-4d1b-af25-f46a52faef36  
Settings file: '/home/carloraulsolissanchez/VirtualBox VMs/maquinaTEST/maquinaTEST.vbox'  
  
CPU: 1  
RAM(GB): 4  
VRAM: 2  
  
Tamano del Disco Duro(GB): 12  
0%...10%...20%...30%...40%...50%...60%...70%...80%...90%...100%  
Medium created. UUID: 61a08c67-038b-4cc0-bdb0-ae95596fddaa  
  
Controlador SATA: 1
```

```
carloraulsolissanchez@carloraulsolissanchez-VirtualBox:~  
File Edit View Search Terminal Help  
  
Virtual Machine - INFO  
Name: maquinaTEST  
Encryption: disabled  
Groups: /  
Guest OS: Other Linux (32-bit)  
UUID: 592562fb-17d2-4d1b-af25-f46a52faef36  
Config file: /home/carloraulsolissanchez/VirtualBox VMs/maquinaTEST/maquinaTEST.vbox  
Snapshot folder: /home/carloraulsolissanchez/VirtualBox VMs/maquinaTEST/Snapshots  
Log folder: /home/carloraulsolissanchez/VirtualBox VMs/maquinaTEST/Logs  
EST/Logs  
Hardware UUID: 592562fb-17d2-4d1b-af25-f46a52faef36  
Memory size: 4096MB  
Page Fusion: disabled  
VRAM size: 2MB  
CPU exec cap: 100%  
HPET: disabled  
CPUProfile: host  
Chipset: piix3  
Firmware: BIOS  
Number of CPUs: 1  
PAE: enabled
```

```
carlraulsolissanchez@carlraulsolissanchez-VirtualBox:~  
File Edit View Search Terminal Help  
Video dimensions: 1024x768  
Video rate: 512kbps  
Video FPS: 25fps  
* Guest:  
Configured memory balloon: 0MB  
  
Virtual Machine - Creacion  
1- Crear Virtual Machine  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 2  
  
[LISTA DE MAQUINAS VIRTUALES]  
"maquinaTEST" {592562fb-17d2-4d1b-af25-f46a52faef36}  
  
Virtual Machine - Creacion
```

```
carlraulsolissanchez@carlraulsolissanchez-VirtualBox:~  
File Edit View Search Terminal Help  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 2  
  
[LISTA DE MAQUINAS VIRTUALES]  
"maquinaTEST" {592562fb-17d2-4d1b-af25-f46a52faef36}  
  
Virtual Machine - Creacion  
1- Crear Virtual Machine  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 3  
  
[BORRAR MAQUINAS VIRTUALES]  
Maquina Virtual a borrar:
```

```
carlraulsolissanchez@carlraulsolissanchez-VirtualBox:~  
File Edit View Search Terminal Help  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 2  
  
[LISTA DE MAQUINAS VIRTUALES]  
"maquinaTEST" {592562fb-17d2-4d1b-af25-f46a52faef36}  
  
Virtual Machine - Creacion  
1- Crear Virtual Machine  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 3  
  
[BORRAR MAQUINAS VIRTUALES]  
Maquina Virtual a borrar: maquinaTEST
```

```
carloraulsolissanchez@carloraulsolissanchez-VirtualBox:~  
File Edit View Search Terminal Help  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 3  
  
[BORRAR MAQUINAS VIRTUALES]  
Maquina Virtual a borrar: maquinaTEST  
0%...10%...20%...30%...40%...50%...60%...70%...80%...90%...100%  
  
Maquina con el nombre maquinaTEST eliminada  
  
Virtual Machine - Creacion  
1- Crear Virtual Machine  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 1
```

```
carloraulsolissanchez@carloraulsolissanchez-VirtualBox:~  
File Edit View Search Terminal Help  
Maquina con el nombre maquinaTEST eliminada  
  
Virtual Machine - Creacion  
1- Crear Virtual Machine  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 2  
  
[LISTA DE MAQUINAS VIRTUALES]  
  
Virtual Machine - Creacion  
1- Crear Virtual Machine  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC:
```

```
carloraulsolissanchez@carloraulsolissanchez-VirtualBox:~  
File Edit View Search Terminal Help  
1- Crear Virtual Machine  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 2  
  
[LISTA DE MAQUINAS VIRTUALES]  
  
Virtual Machine - Creacion  
1- Crear Virtual Machine  
2- Lista de Virtual Machines  
3- Delete Virtual Machine  
0- Salir  
OPC: 0  
  
SALIENDO...  
carloraulsolissanchez@carloraulsolissanchez-VirtualBox:~$
```