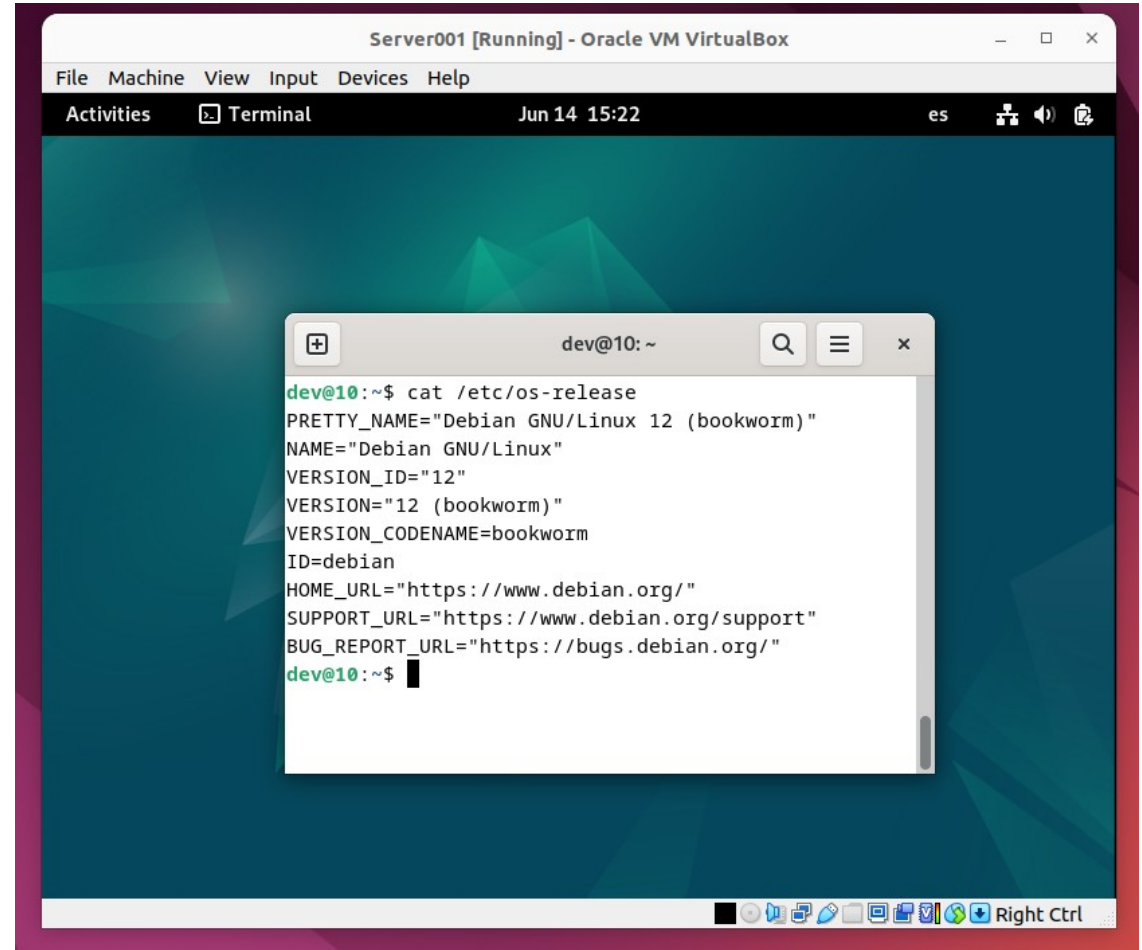
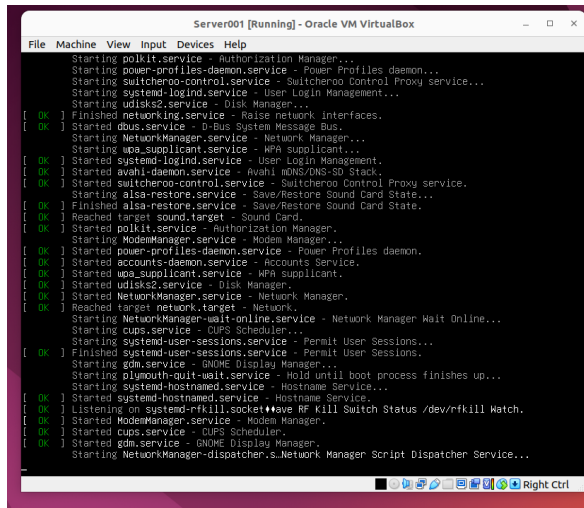
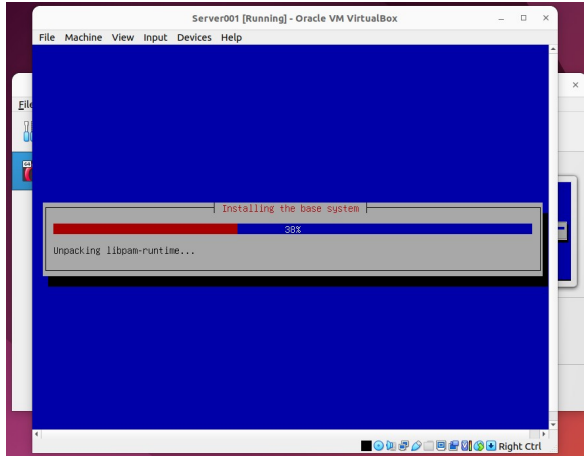
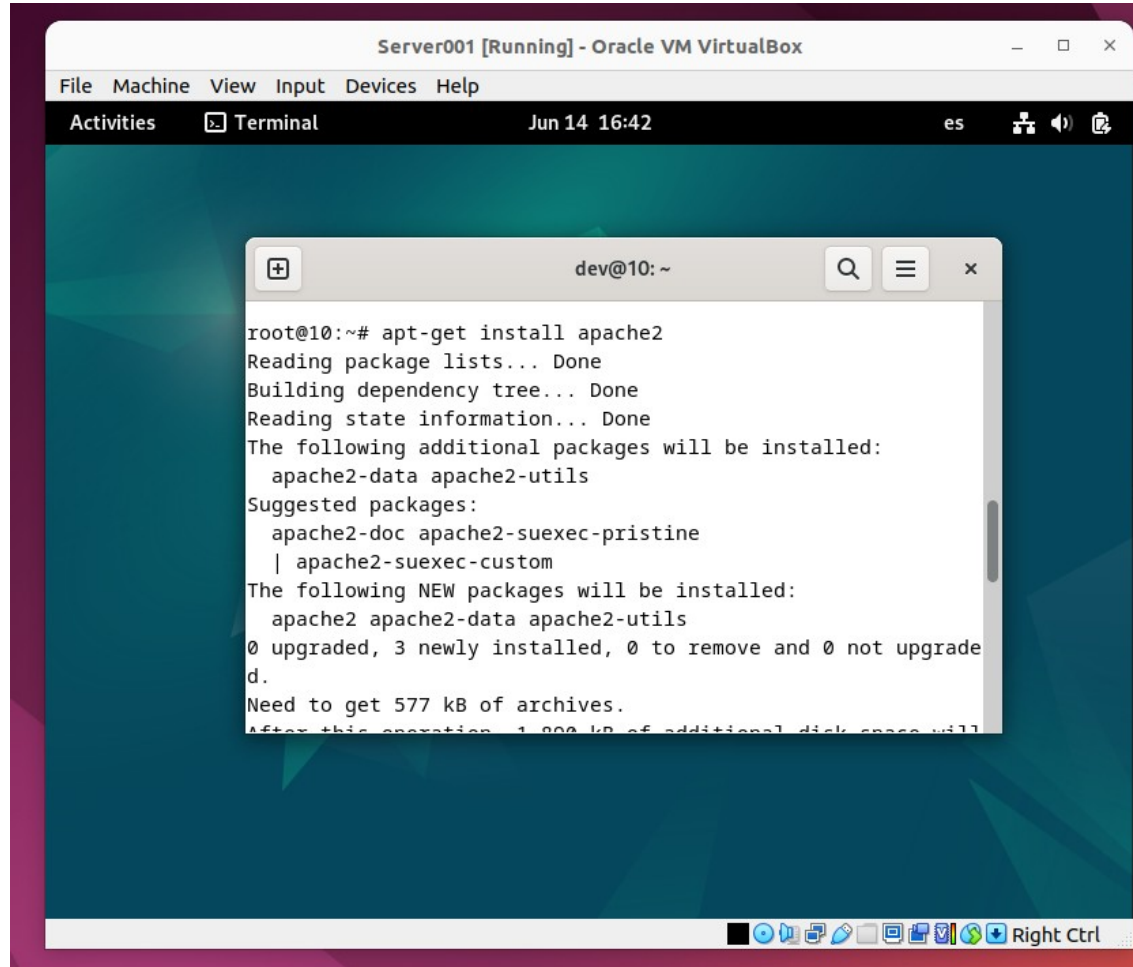


1. Se crea una máquina virtual con el S.O. Debian. (Pasos realizados en el desafío No. 1).



2. Se instala Apache.

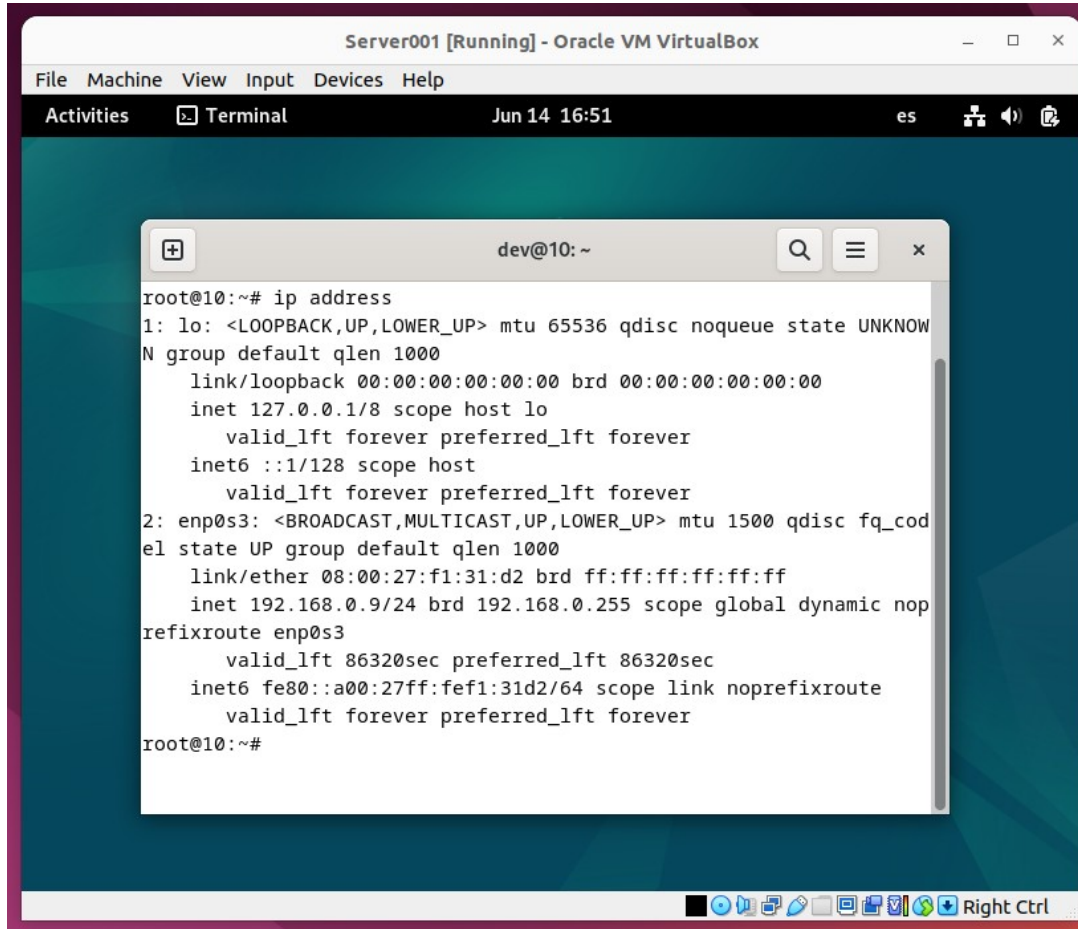


The screenshot shows a VirtualBox window titled "Server001 [Running] - Oracle VM VirtualBox". Inside the VM, a terminal window is open with the prompt "root@10:~#". The user has entered the command "apt-get install apache2". The terminal output shows the progress of the installation, including reading package lists, building a dependency tree, and listing the packages to be installed. The output indicates that 3 new packages (apache2, apache2-data, and apache2-utils) will be installed, requiring 577 kB of archives. The terminal window has a title bar "dev@10: ~" and standard window controls. The background of the VM desktop is a blue and green geometric pattern. The bottom of the VirtualBox window shows a taskbar with various icons and the text "Right Ctrl".

```
Server001 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Jun 14 16:42 es

root@10:~# apt-get install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-data apache2-utils
Suggested packages:
  apache2-doc apache2-suexec-pristine
  | apache2-suexec-custom
The following NEW packages will be installed:
  apache2 apache2-data apache2-utils
0 upgraded, 3 newly installed, 0 to remove and 0 not upgrade
d.
Need to get 577 kB of archives.
After this operation, 1,800 kB of additional disk space will
```

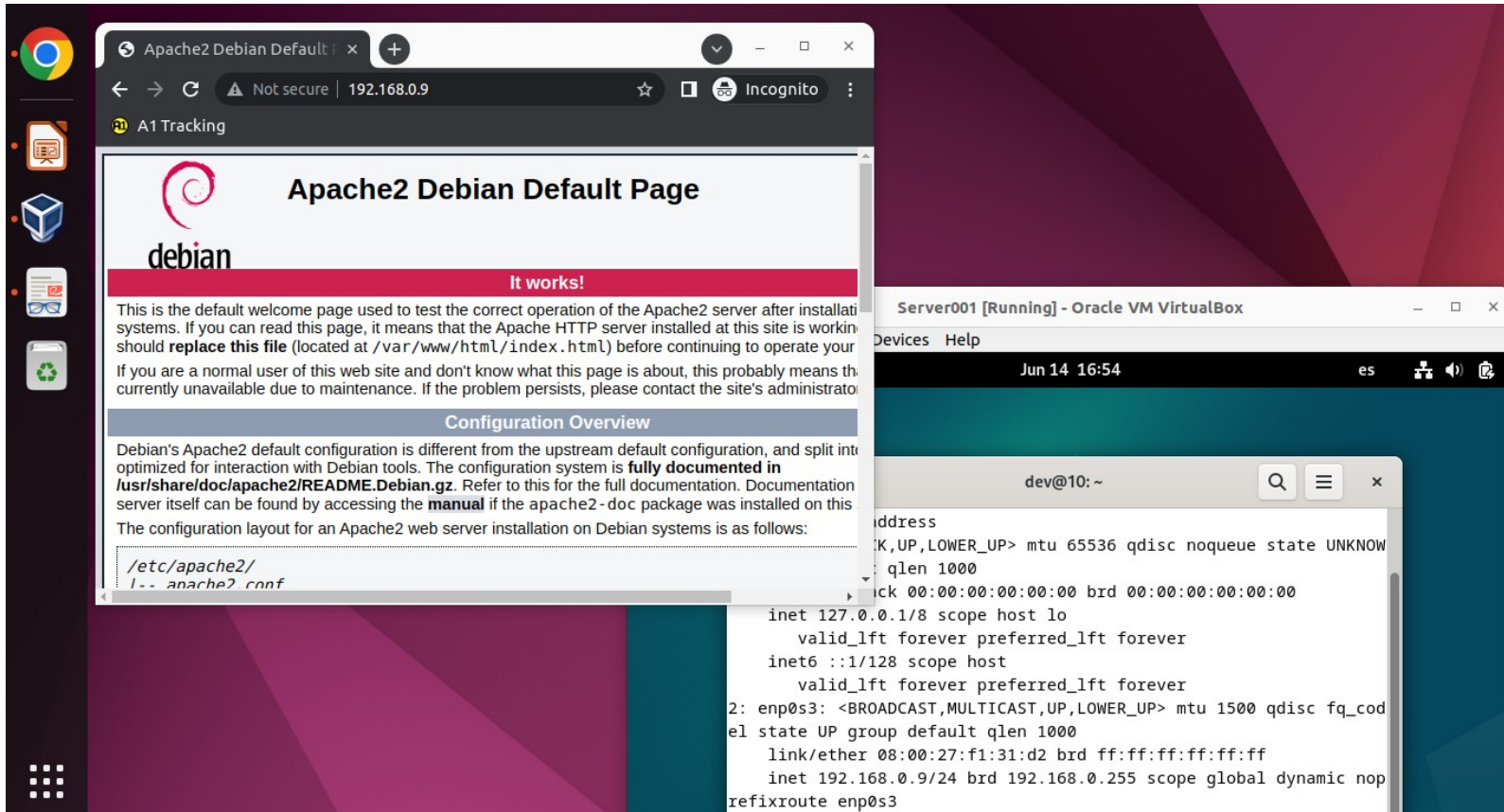
3. Se verifica la dirección IP de la MV.



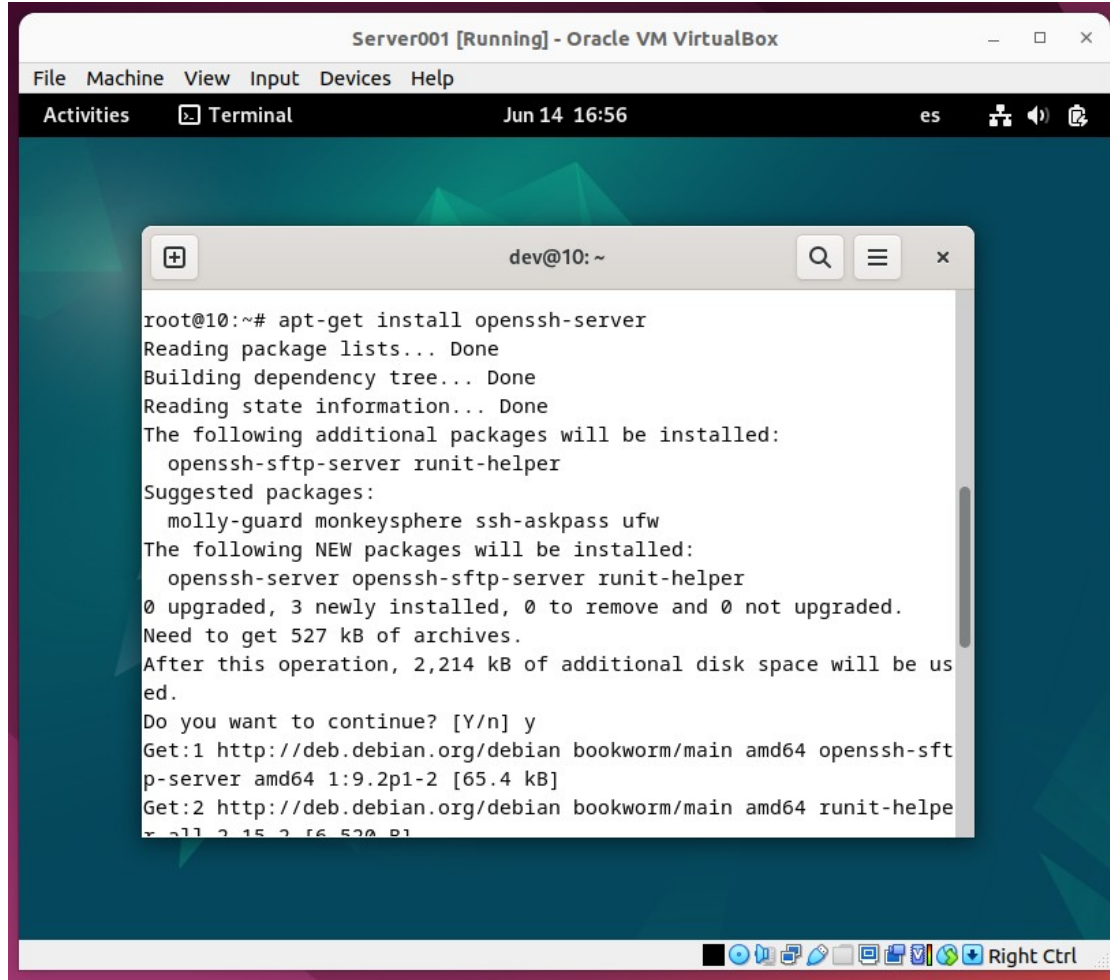
The screenshot shows a terminal window titled "dev@10: ~" within an Oracle VM VirtualBox environment. The terminal displays the output of the command "ip address". The output shows details for the loopback interface "lo" and the ethernet interface "enp0s3".

```
root@10:~# ip address
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: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:f1:31:d2 brd ff:ff:ff:ff:ff:ff
    inet 192.168.0.9/24 brd 192.168.0.255 scope global dynamic noprefixroute enp0s3
        valid_lft 86320sec preferred_lft 86320sec
    inet6 fe80::a00:27ff:fef1:31d2/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
root@10:~#
```

4. Se valida la disponibilidad del servidor mediante el navegador.



5. Se instala openssh-server.



The screenshot shows a terminal window titled "dev@10: ~" within an Oracle VM VirtualBox environment. The terminal output shows the command `apt-get install openssh-server` being executed. The output indicates that the package lists are read, the dependency tree is built, and state information is read. It then lists additional packages to be installed: `openssh-sftp-server` and `runit-helper`. Suggested packages include `molly-guard`, `monkeysphere`, `ssh-askpass`, and `ufw`. The terminal also shows the installation of new packages: `openssh-server`, `openssh-sftp-server`, and `runit-helper`. It states that 0 packages will be upgraded, 3 will be newly installed, and 0 will be removed. The total size of the archives to be downloaded is 527 kB. After the operation, 2,214 kB of additional disk space will be used. The user is prompted to continue with 'y' and the installation proceeds, showing the download progress for the packages.

```
Server001 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Jun 14 16:56 es

root@10:~# apt-get install openssh-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  openssh-sftp-server runit-helper
Suggested packages:
  molly-guard monkeysphere ssh-askpass ufw
The following NEW packages will be installed:
  openssh-server openssh-sftp-server runit-helper
0 upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 527 kB of archives.
After this operation, 2,214 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://deb.debian.org/debian bookworm/main amd64 openssh-sftp-server amd64 1:9.2p1-2 [65.4 kB]
Get:2 http://deb.debian.org/debian bookworm/main amd64 runit-helper amd64 2.15-2 [56.5 kB]
```

6. Se realiza la conexión a la máquina virtual mediante SSH.

