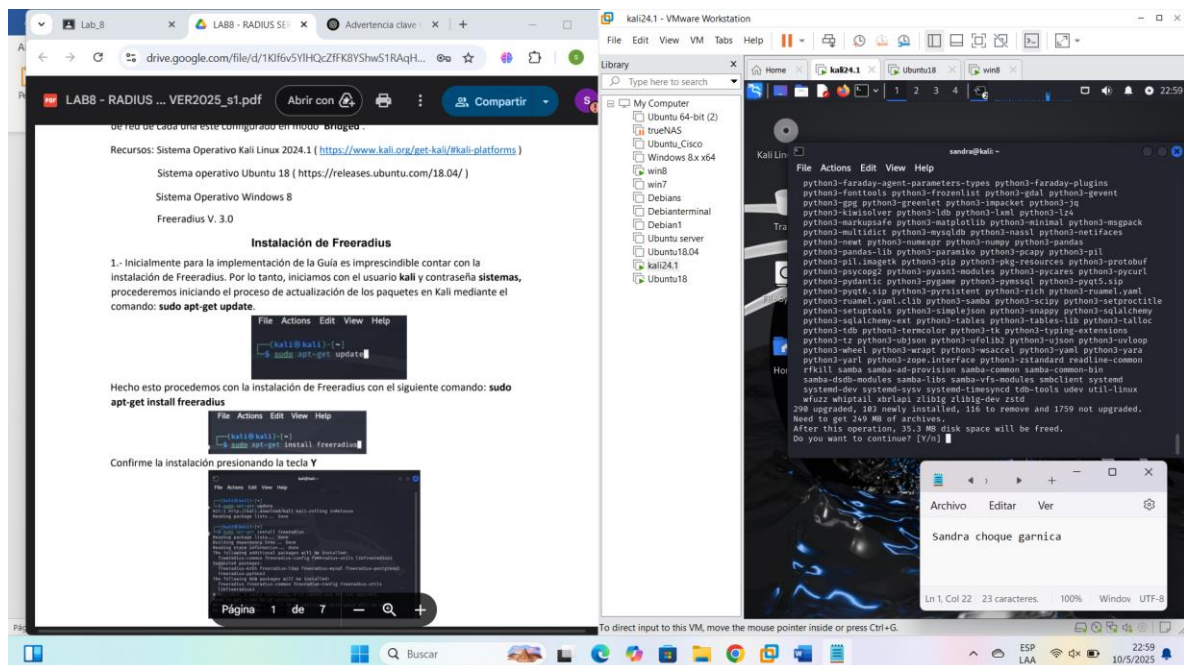
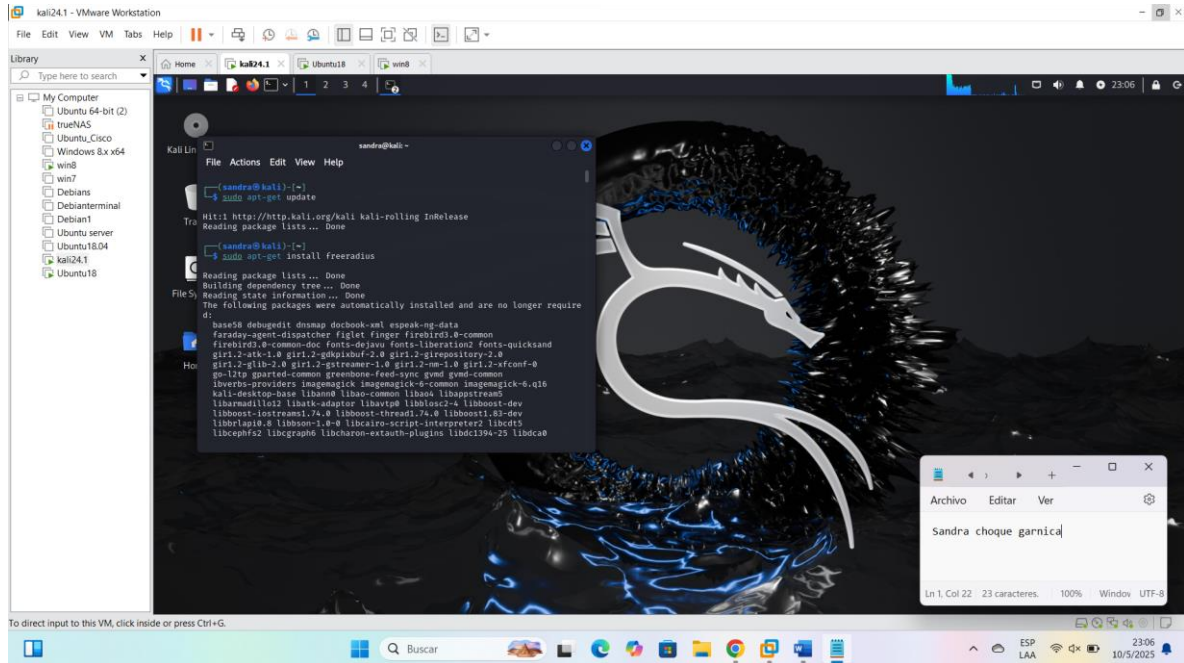


1)



LAB8 - RADIUS ... ER2025_s1.pdf

File

Actions

Edit

View

Help

```

# The only issue is if you have multiple listeners in a virtual
# server, each with a different client list, then the SQL clients are
# added only to the first listener.

clients_per_socket_clients {
    #
    # client socket-client {
    #     ipaddr = 192.0.2.4
    #     secret = testing123
    # }
    #
    client 192.168.100.10 {
        secret = sistemas
        shortname = router1
        nasstype = cisco
    }

    client 0.0.0.0/0 {
        ipaddr = 0.0.0.0/0
        secret = sistemas
        shortname = windows-client
    }

```

Help

Exit

Write Out

Read File

Where Is

Replace

Cut

Paste

Execute

Justify

Location

Go To Line

Hasta este punto, FreeRadius estaría configurado de forma local, sin embargo, para agregar una capa adicional de seguridad y poder rastrear quien consulta nuestro servicio, habilitaremos la generación de registros (logs).

Página 3 de 7

+

-

Buscar

kali24.1 - VMware Workstation

File Edit View VM Tabs Help

Library

My Computer

Ubuntu 64-bit (2)

trueNAS

Ubuntu_Cisco

Windows 8x x64

win8

win7

Debian

Debianterminal

Debian1

Ubuntu server

Ubuntu18.04

kali24.1

Ubuntu18

root@kali:/home/sandra

File Actions Edit View Help

GNU nano 2.3

```

# The only issue is if you have multiple listeners in a virtual
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    #
    # client socket-client {
    #     ipaddr = 192.0.2.4
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    }

    client 0.0.0.0/0 {
        ipaddr = 0.0.0.0/0
        secret = sistemas
        shortname = windows-client
    }

```

Help

Exit

Write Out

Read File

Where Is

Replace

Cut

Paste

Execute

Justify

Archivo

Editar

Ver

Sandra choque garnica

Ln 1, Col 22 23 caracteres 100% Window UTF-8

To direct input to this VM, click inside or press Ctrl+G.

ESP

LAA

23:44

10/5/2025

LAB8 - RADIUS ... ER2025_s1.pdf

File

Actions

Edit

View

Help

```

# Log all (accept and reject) authentication results to the log file.
# This is the same as setting "auth_accept = yes" and
# "auth_reject = yes"
# allowed values: (no, yes)
# auth_reject = yes
#
# Log Access-Accept results to the log file.
# This is only used if "auth = no"
# allowed values: (no, yes)
# auth_accept = no

```

Help

Exit

Write Out

Read File

Where Is

Replace

Cut

Paste

Execute

Justify

Realizaremos el mismo paso anterior para la generación de logs para eventos como **auth_badpass** y **auth_goodpass**

File

Actions

Edit

View

Help

```

# Log all (accept and reject) authentication results to the log file.
# This is the same as setting "auth_accept = yes" and
# "auth_reject = yes"
# allowed values: (no, yes)
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# auth_accept = no

```

Help

Exit

Write Out

Read File

Where Is

Replace

Cut

Paste

Execute

Justify

“auth_badpass = yes” Indicamos que se generen logs de cuando alguien intente autenticarse de manera incorrecta o falle en el proceso de inicio de sesión.

“auth_goodpass = yes” Indicamos que se generen logs para todos usuarios que inicien sesión correctamente.

Procedemos a reiniciar el servicio de FreeRadius para aplicar todos los cambios realizados con el siguiente comando: **sudo systemctl restart freeradius**

root@kali:~#

sudo systemctl restart freeradius

Página 4 de 7

+

-

Buscar

kali24.1 - VMware Workstation

File Edit View VM Tabs Help

Library

My Computer

Ubuntu 64-bit (2)

trueNAS

Ubuntu_Cisco

Windows 8x x64

win8

win7

Debian

Debianterminal

Debian1

Ubuntu server

Ubuntu18.04

kali24.1

Ubuntu18

root@kali:/home/sandra

File Actions Edit View Help

GNU nano 2.3

```

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```

Help

Exit

Write Out

Read File

Where Is

Replace

Cut

Paste

Execute

Justify

Archivo

Editar

Ver

Sandra choque garnica

Ln 1, Col 22 23 caracteres 100% Window UTF-8

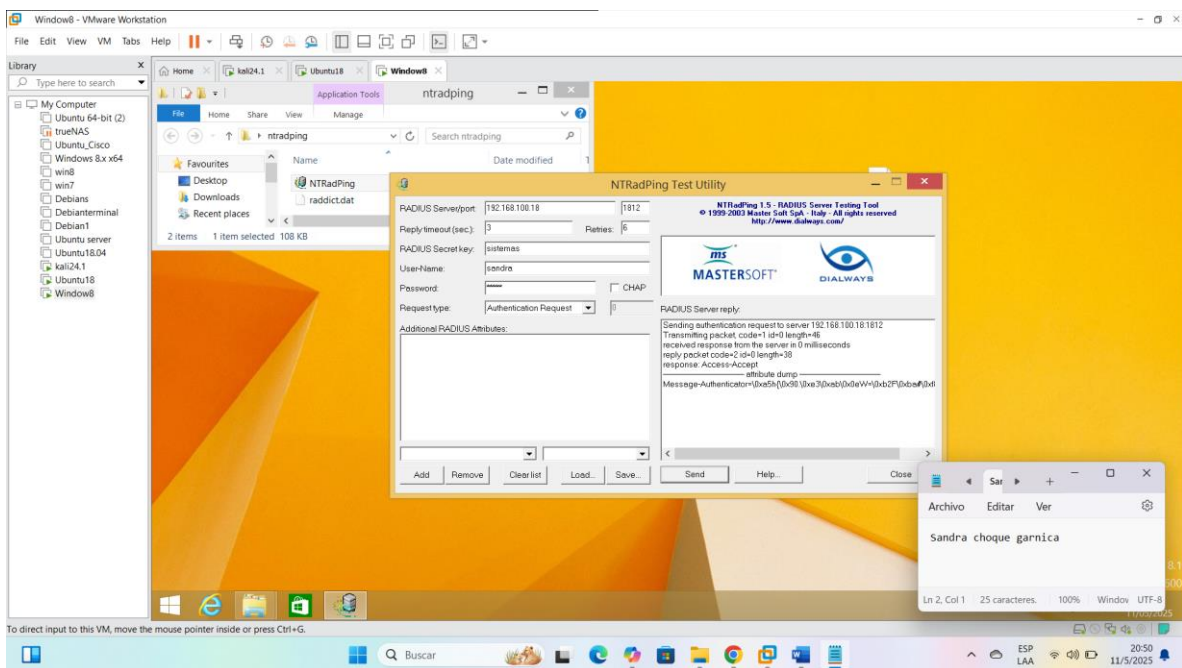
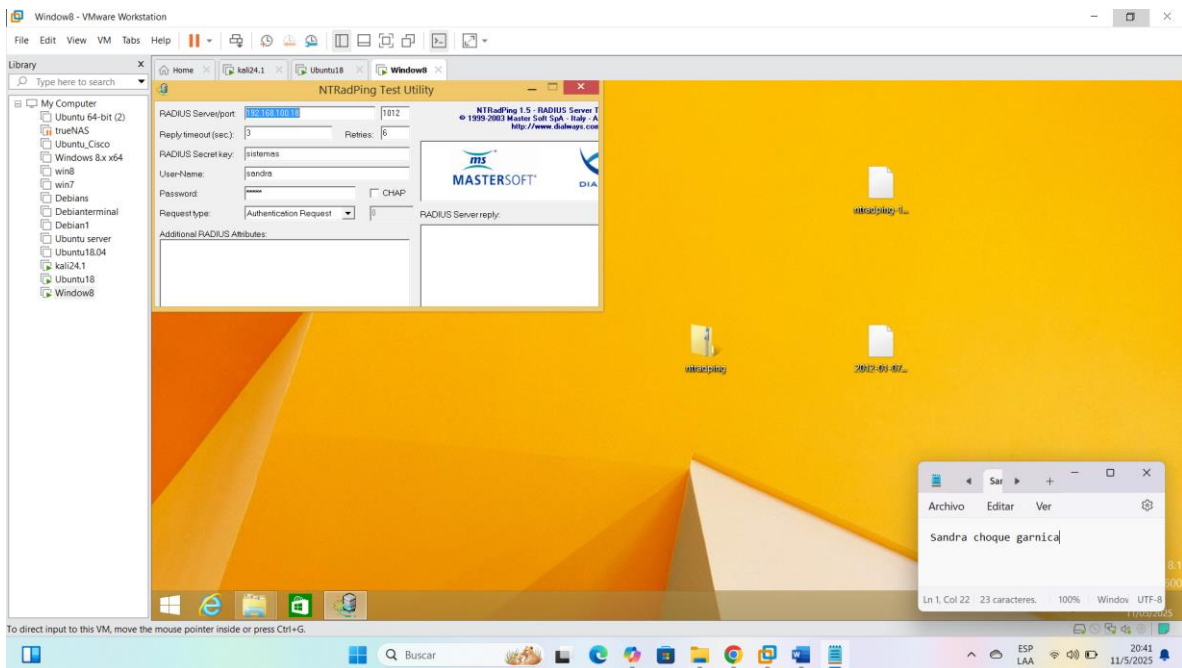
To direct input to this VM, click inside or press Ctrl+G.

ESP

LAA

23:53

10/5/2025



EVALUACION

1.

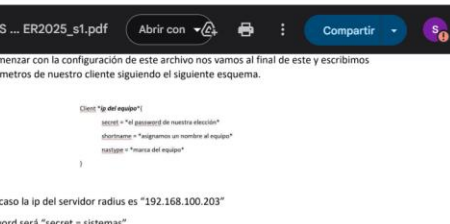
`tail -f /var/log/radius/radius.log`

2.

2.- Crear un nuevo usuario e logearse tanto desde Linux como desde Windows e indique que datos puede observar en estos logs. Al crear el usuario ponga su nombre como usuario

y su apellido como contraseña.

The image shows a virtual machine environment with two windows. The left window displays a PDF document titled "LAB8 - RADIUS ... ER2025_s1.pdf". The document content is in Spanish and describes the configuration of FreeRadius. It includes sections for creating users, creating a client, and configuring the clients.conf file. The right window is a terminal running Kali Linux, showing the nano text editor editing the file "/etc/freeradius/3.0/users". The terminal output shows the configuration for a user named "choque" with a clear-text password "garnica".



LAB8 - RADIUS SERVER2025_s1.pdf

Para comenzar con la configuración de este archivo nos vamos al final de este y escribimos los parámetros de nuestro cliente siguiendo el siguiente esquema.

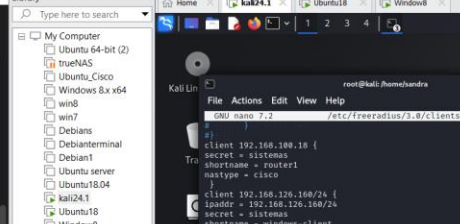
```

Client "ip del equipo"
{
    secret = "el password de nuestro equipo"
    shortname = "nombre de equipo"
    nastype = "marca del equipo"
}

```

En este caso la ip del servidor radius es "192.168.100.203"
El password será "secret = sistemas"
El nombre "shortname = router1"
Y la marca del equipo "nastype = cisco"

Implementaremos los clientes que pueden realizar la autentificación, en este caso "0.0.0.0/0" nos indica que todas las ip pueden realizar la autentificación, si se quisiera solo en un segmento de red sería de la siguiente manera "192.168.100.0/24"



kali241 - VMware Workstation

File Edit View VM Tabs Help

Library

Type here to search

My Computer

- Ubuntu 64-bit (2)
- trueNAS
- Ubuntu_Cisco
- Windows 8.x x64
- win8
- win7
- Debians
- Debianterminal
- Debian1
- Ubuntu server
- Ubuntu18.04
- kali241
- Ubuntu18
- Windows8

Kali Lin

File Actions Edit View Help

```

/etc/raddb/radiusd.conf
#
client 192.168.180.18 {
    secret = sistemas
    shortname = router1
    nastype = cisco
}
client 192.168.126.168/24 {
    ipaddr = 192.168.126.168/24
    secret = sistemas
    shortname = windows-client
}
client 192.168.100.22/24 {
    ipaddr = 192.168.100.22/24
    secret = sistemas
    shortname = ubuntu-client
}

```

Help Exit Write Out Read File Where Is Replace Cut Paste Execute Justify

Archivo Editar Ver

Sandra choque garnica

Ln 1 Col 22 23 caracteres 100% Window UTF-8

