

Windows taskbar at the bottom shows the date 24/05/2024 and time 20:59. The system tray includes icons for temperature (18°C), weather (Nuvoloso), search (Cerca), and system status (Windows SINISTRO + MAIUSC).

The main workspace contains several windows:

- Webex** window: Shows a video call with "Michele G".
- Word** window: Titled "Esercizio-M4-Week-14-D4.docx - Word".
- VirtualBox** window: Titled "kali-linux-2023.4-virtualbox-amd64 (Istantanea-2) [In esecuzione] - Oracle VM VirtualBox". It displays a Kali Linux terminal with the following commands and output:

```
root@kali: /usr/share/seclists/Usernames
root@kali:~# ssh test_user@192.168.32.102
The authenticity of host '192.168.32.102 (192.168.32.102)' can't be established.
ED25519 Key fingerprint is SHA256:ebHF3NarEg1//IgmZxKvZQ/YRPaToXQJ32nS/nxSFA.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Warning: Permanently added '192.168.32.102' (ED25519) to the list of known hosts.
test_user@192.168.32.102's password:
Linux kali 6.5.0-kali3-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.5.6-1kali1 (2023-12-15)

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

Kali GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Fri May 24 13:36:12 2024 from 192.168.32.102
(test_user@kali)~#
(test_user@kali)~# sudo ls -l
[sudo] password for test_user:
test_user is not in the sudoers file.
This incident has been reported to the administrator.

(test_user@kali)~#
(test_user@kali)~# sudo ls -la
[sudo] password for test_user:
test_user is not in the sudoers file.
This incident has been reported to the administrator.

(test_user@kali)~#
(test_user@kali)~# pwd
/home/test_user
```
- Terminal** window: Titled "kali@kali: ~". It displays the following commands and output:

```
kali@kali: ~
File Actions Edit View Help
~$ ping 192.168.32.103
PING 192.168.32.103 (192.168.32.103) 56(84) bytes of data.
64 bytes from 192.168.32.103: icmp_seq=1 ttl=64 time=1032 ms
64 bytes from 192.168.32.103: icmp_seq=2 ttl=64 time=3.94 ms
64 bytes from 192.168.32.103: icmp_seq=3 ttl=64 time=0.669 ms
64 bytes from 192.168.32.103: icmp_seq=4 ttl=64 time=0.646 ms
^C
--- 192.168.32.103 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3127ms
rtt min/avg/max/mdev = 0.646/259.251/1031.757/446.008 ms, pipe 2

(kali@kali)~#
(kali@kali)~# sudo service ssh start
(kali@kali)~#
(kali@kali)~# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.32.102 netmask 255.255.255.0 broadcast 192.168.32.255
    inet6 fe80::a00:27ff:febe:3c91 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:be:3c:91 txqueuelen 1000 (Ethernet)
    RX packets 340 bytes 33456 (32.6 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 315 bytes 44899 (43.8 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 402 bytes 45484 (44.4 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 402 bytes 45484 (44.4 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

(kali@kali)~#
(kali@kali)~# sudo adduser test_user
[sudo] password for kali:
fatal: The user 'test_user' already exists.
```

kali-linux-2023.4-virtualbox-amd64 (Istantanea-2) [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3 4

kali@kali: ~

File Actions Edit View Help

[ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "12345678" - 179 of 216 [child 4] (0/18)

[RE-ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "dragon" - 179 of 216 [child 5] (0/18)

[ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "qwerty" - 180 of 216 [child 8] (0/18)

[ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "123456789" - 181 of 216 [child 36] (0/18)

[RE-ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "12345678" - 181 of 216 [child 4] (0/18)

[RE-ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "qwerty" - 181 of 216 [child 8] (0/18)

[ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "12345" - 182 of 216 [child 16] (0/18)

[ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "1234" - 183 of 216 [child 12] (0/18)

[RE-ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "12345" - 183 of 216 [child 16] (0/18)

[ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "111111" - 184 of 216 [child 35] (0/18)

[RE-ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "1234" - 184 of 216 [child 12] (0/18)

[ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "1234567" - 185 of 216 [child 32] (0/18)

[ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "dragon" - 186 of 216 [child 0] (0/18)

[ATTEMPT] target 192.168.32.102 - login "azureuser" - pass "testpass" - 187 of 216 [child 24] (0/18)

[RE-ATTEMPT] target 192.168.32.102 - login "test_user" - pass "testpass" - 187 of 216 [child 24] (0/18)

[ATTEMPT] target 192.168.32.102 - login "test_user" - pass "123456" - 188 of 216 [child 9] (0/18)

[RE-ATTEMPT] target 192.168.32.102 - login "test_user" - pass "testpass" - 188 of 216 [child 24] (0/18)

[ATTEMPT] target 192.168.32.102 - login "test_user" - pass "password" - 189 of 216 [child 20] (0/18)

[RE-ATTEMPT] target 192.168.32.102 - login "test_user" - pass "123456" - 189 of 216 [child 9] (0/18)

[22][ssh] host: 192.168.32.102 login: test_user password: testpass

[REDO-ATTEMPT] target 192.168.32.102 - login "root" - pass "12345678" - 199 of 216 [child 9] (1/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "admin" - pass "testpass" - 200 of 216 [child 18] (2/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "test" - pass "password" - 201 of 216 [child 24] (3/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "test" - pass "123456789" - 202 of 216 [child 22] (4/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "test" - pass "1234" - 203 of 216 [child 15] (5/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "test" - pass "111111" - 204 of 216 [child 3] (6/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "test" - pass "1234567" - 205 of 216 [child 5] (7/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "test" - pass "dragon" - 205 of 216 [child 22] (8/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "guest" - pass "123456" - 205 of 216 [child 15] (9/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "guest" - pass "12345" - 205 of 216 [child 3] (10/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "guest" - pass "123456789" - 206 of 216 [child 4] (11/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "administrator" - pass "123456" - 207 of 216 [child 8] (12/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "administrator" - pass "dragon" - 208 of 216 [child 36] (13/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "ec2-user" - pass "111111" - 208 of 216 [child 15] (14/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "ec2-user" - pass "dragon" - 208 of 216 [child 36] (15/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "ec2-user" - pass "testpass" - 208 of 216 [child 15] (16/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "vagrant" - pass "123456" - 209 of 216 [child 16] (17/18)

[REDO-ATTEMPT] target 192.168.32.102 - login "vagrant" - pass "password" - 209 of 216 [child 36] (18/18)

1 of 1 target successfully completed, 1 valid password found

Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2024-05-24 14:22:46

~(kali@kali)-[~]

hash.txt

File Actions Edit View Help

This incident has been reported to the administrator.

(test_user@kali)-[~]

\$ cd ..

(test_user@kali)-[/home]

\$ pwd

/home

(test_user@kali)-[/home]

\$ sudo ls -l

[sudo] password for test_user:

Sorry, try again.

[sudo] password for test_user:

Sorry, try again.

[sudo] password for test_user:

test_user is not in the sudoers file.

This incident has been reported to the administrator.

(test_user@kali)-[/home]

\$ ls -l

total 8

drwx----- 26 kali kali 4096 May 24 13:24 kali

drwx----- 6 test_user test_user 4096 May 24 14:00 test_user

(test_user@kali)-[/home]

\$ pwd

/home

(test_user@kali)-[/home]

\$ exit

logout

Connection to 192.168.32.102 closed.

(root@kali)-[/usr/share/seclists/Usernames]

\$ pwd

/usr/share/seclists/Usernames

(root@kali)-[/usr/share/seclists/Usernames]

\$ ls

cirt-default-usernames.txt Names

CommonAdminBase64.txt README.md

xato-net-10-million-usernames-dup.txt

xato-net-10-million-usernames.txt

Webex | 01:42:02

This incident has been reported to the administrator.

Michele G

19°C Nuvoloso

Cerca

20:51 24/05/2024

```
root@kali: /usr/share/seclists/Username
File Actions Edit View Help

(root@kali)-[/usr/share/seclists/Username]
# ssh test_user@192.168.32.102
The authenticity of host '192.168.32.102 (192.168.32.102)' can't be established.
ED25519 key fingerprint is SHA256:ebHf3NArEg1//IgmexXkVZQ/YRpaToXQJ22nS/nxSFA.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '192.168.32.102' (ED25519) to the list of known hosts.
test_user@192.168.32.102's password:
Linux kali 6.5.0-kali3-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.5.6-1kali1 (2023-10-09) x86_64

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permitted by applicable law.
Last login: Fri May 24 13:36:12 2024 from 192.168.32.102
(test_user@kali)-[~]
$ sudo ls -l
[sudo] password for test_user:
test_user is not in the sudoers file.
This incident has been reported to the administrator.

(test_user@kali)-[~]
$ sudo ls -la
[sudo] password for test_user:
test_user is not in the sudoers file.
This incident has been reported to the administrator.

(test_user@kali)-[~]
$ pwd
/home/test_user

(test_user@kali)-[~]
$ sudo ls -la
[sudo] password for test_user:
test_user is not in the sudoers file.
This incident has been reported to the administrator.
```



```
kali@kali: ~  
File Actions Edit View Help  
(kali@kali)-[~]  
$ ftp 192.168.32.102  
Connected to 192.168.32.102.  
220 (vsFTPd 3.0.3)  
Name (192.168.32.102:kali): kali  
331 Please specify the password.  
Password:  
230 Login successful.  
Remote system type is UNIX.  
Using binary mode to transfer files.  
ftp> FEAT  
?Invalid command.  
ftp> feat  
211-Features:  
  EPRT  
  EPSV  
  MDTM  
  PASV  
  REST STREAM  
  SIZE  
  TVFS  
211 End  
ftp> ls  
229 Entering Extended Passive Mode (|||42788|)  
150 Here comes the directory listing.  
drwxr-xr-x  2 1000    1000          4096 Mar 14 20:27 Desktop  
drwxr-xr-x  2 1000    1000          4096 Feb 21 14:33 Documents  
drwxr-xr-x  2 1000    1000          4096 Feb 21 14:33 Downloads  
drwxr-xr-x  2 1000    1000          4096 Feb 21 14:33 Music  
drwxr-xr-x  2 1000    1000          4096 Apr 14 17:47 Pictures  
drwxr-xr-x  2 1000    1000          4096 Feb 21 14:33 Public  
drwxr-xr-x  2 1000    1000          4096 Feb 21 14:33 Templates  
drwxr-xr-x  2 1000    1000          4096 Feb 21 14:33 Videos  
-rw-r--r--  1 1000    1000           815 Apr 05 14:43 ddos-1.py  
drwxr-xr-x  2 1000    1000          4096 Mar 20 14:18 dos  
drwxr-xr-x 13 1000    1000          4096 Apr 14 19:01 gameshell  
-rwxr-xr-x  1 1000    1000       279463 Apr 15 16:53 gameshell-save.sh  
-rw-r--r--  1 1000    1000     201396 Mar 20 06:25 gameshell.sh  
drwxr-xr-x  5 1000    1000          4096 Mar 20 14:19 studenti  
drwxr-xr-x  2 1000    1000          4096 Mar 20 14:19 tmp  
drwxr-xr-x  2 1000    1000          4096 Mar 20 14:18 windows
```