

```
C:\Users\Lab7Pc21>ssh rogelio_lucas@10.0.24.85
The authenticity of host '10.0.24.85 (10.0.24.85)' can't be established.
ED25519 key fingerprint is SHA256:r3olCiw035AQFwmRuyDB38xqqNJ/i32w5b2RZ8u203Y.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.24.85' (ED25519) to the list of known hosts.
rogelio_lucas@10.0.24.85's password:
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-63-generic x86_64)
```

```
* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:        https://ubuntu.com/pro
```

System information as of mié 30 jul 2025 19:13:16 UTC

| | | | |
|---------------|------------------|--------------------------|------------|
| System load: | 0.01 | Processes: | 146 |
| Usage of /: | 54.1% of 13.67GB | Users logged in: | 0 |
| Memory usage: | 9% | IPv4 address for enp0s3: | 10.0.24.85 |
| Swap usage: | 0% | | |

* Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s just raised the bar for easy, resilient and secure K8s cluster deployment.

<https://ubuntu.com/engage/secure-kubernetes-at-the-edge>

El mantenimiento de seguridad expandido para Applications está desactivado

```
C:\Users\Lab7Pc21>ipconfig
```

Configuración IP de Windows

Adaptador de Ethernet Ethernet:

```
Sufijo DNS específico para la conexión. . . :  
Vínculo: dirección IPv6 local. . . : fe80::9695:2c5d:38d:cf3%13  
Dirección IPv4. . . . . : 10.0.24.70  
Máscara de subred . . . . . : 255.255.255.0  
Puerta de enlace predeterminada . . . . . : 10.0.24.1
```

Adaptador de Ethernet Ethernet 2:

```
Sufijo DNS específico para la conexión. . . :  
Vínculo: dirección IPv6 local. . . : fe80::5d71:ae6f:71fd:5714%18  
Dirección IPv4. . . . . : 192.168.56.1  
Máscara de subred . . . . . : 255.255.255.0  
Puerta de enlace predeterminada . . . . . :
```

Adaptador de LAN inalámbrica Wi-Fi:

```
Estado de los medios. . . . . : medios desconectados  
Sufijo DNS específico para la conexión. . . :
```

Adaptador de LAN inalámbrica Conexión de área local* 3:

```
Estado de los medios. . . . . : medios desconectados  
Sufijo DNS específico para la conexión. . . :
```

Adaptador de LAN inalámbrica Conexión de área local* 4:

```
Sufijo DNS específico para la conexión. . . :  
Vínculo: dirección IPv6 local. . . : fe80::c8b9:9fc8:7c0a:d9a%15  
Dirección IPv4. . . . . : 192.168.137.1  
Máscara de subred . . . . . : 255.255.255.0  
Puerta de enlace predeterminada . . . . . :
```

Adaptador de Ethernet Conexión de red Bluetooth:

```
Estado de los medios. . . . . : medios desconectados  
Sufijo DNS específico para la conexión. . . :
```

```
C:\Users\Lab7Pc21>
```

```
rogelio_lucas@DataDynamics:~$ ip a  
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 noprefixroute  
        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:c2:87:23 brd ff:ff:ff:ff:ff:ff  
    inet 10.0.24.85/24 metric 100 brd 10.0.24.255 scope global dynamic enp0s3  
        valid_lft 85823sec preferred_lft 85823sec  
    inet6 fe80::a00:27ff:fec2:8723/64 scope link  
        valid_lft forever preferred_lft forever
```

```
rogelio_lucas@DataDynamics:~$ who
rogelio_lucas pts/0      2025-07-30 19:13 (10.0.24.70)
itzel_serrano pts/1      2025-07-30 19:17 (10.0.24.60)
juan_lopez pts/2        2025-07-30 19:20 (10.0.24.53)
rogelio_lucas@DataDynamics:~$ |
```

```
rogelio_lucas@DataDynamics:~$ date
mié 30 jul 2025 19:15:05 UTC
rogelio_lucas@DataDynamics:~$ |
```

```
rogelio_lucas@DataDynamics:~$ timedatectl
      Local time: mié 2025-07-30 19:18:40 UTC
      Universal time: mié 2025-07-30 19:18:40 UTC
          RTC time: mié 2025-07-30 19:18:40
          Time zone: Etc/UTC (UTC, +0000)
System clock synchronized: yes
          NTP service: active
      RTC in local TZ: no
rogelio_lucas@DataDynamics:~$
rogelio_lucas@DataDynamics:~$ |
```

```
rogelio_lucas@DataDynamics:~$ hwclock
hwclock: Cannot access the Hardware Clock via any known method.
hwclock: Use the --verbose option to see the details of our search for an access method.
rogelio_lucas@DataDynamics:~$ hwclock --version
hwclock from util-linux 2.39.3
rogelio_lucas@DataDynamics:~$ |
```

```
rogelio_lucas@DataDynamics:~$ sudo hwclock
[sudo] password for rogelio_lucas:
2025-07-30 19:20:02.684422+00:00
rogelio_lucas@DataDynamics:~$ |
```

```
rogelio_lucas@DataDynamics:~$ timedatectl list-timezones
Africa/Abidjan
Africa/Accra
Africa/Addis_Ababa
Africa/Algiers
Africa/Asmara
Africa/Asmera
Africa/Bamako
Africa/Bangui
Africa/Banjul
Africa/Bissau
Africa/Blantyre
Africa/Brazzaville
Africa/Bujumbura
Africa/Cairo
```

```
America/Maceio
America/Managua
America/Manaus
America/Marigot
America/Martinique
America/Matamoros
America/Mazatlan
America/Mendoza
America/Menominee
America/Merida
America/Metlakatla
America/Mexico_City
lines 135-163
```

```
rogelio_lucas@DataDynamics:~$ timedatectl list-timezones | grep Mexico
America/Mexico_City
Mexico/BajaNorte
Mexico/BajaSur
Mexico/General
rogelio_lucas@DataDynamics:~$ |
```

```
rogelio_lucas@DataDynamics:~$ sudo timedatectl set-timezone America/Mexico_City
rogelio_lucas@DataDynamics:~$ timedatectl
    Local time: mié 2025-07-30 13:31:42 CST
    Universal time: mié 2025-07-30 19:31:42 UTC
    RTC time: mié 2025-07-30 19:31:42
    Time zone: America/Mexico_City (CST, -0600)
System clock synchronized: yes
    NTP service: active
    RTC in local TZ: no
rogelio_lucas@DataDynamics:~$ |
```

```
rogelio_lucas@DataDynamics:~$ cd /var/www/html/rogelio_lucas/
rogelio_lucas@DataDynamics:/var/www/html/rogelio_lucas$ tree
.
└─ index.html

1 directory, 1 file
rogelio_lucas@DataDynamics:/var/www/html/rogelio_lucas$ ls -l
total 4
-rwxrwxrwx 1 root root 2252 jul  4 13:09 index.html
rogelio_lucas@DataDynamics:/var/www/html/rogelio_lucas$ |
```

```
C:\Users\Lab7Pc21\Downloads>scp "Copia de cap.pdf" rogelio_lucas@10.0.24.85:/var/www/html/rogelio_lucas
rogelio_lucas@10.0.24.85's password:
Copia de cap.pdf                                100% 1443KB   3.0MB/s   00:00
C:\Users\Lab7Pc21\Downloads>|
```

```
rogelio_lucas@DataDynamics:/var/www/html/rogelio_lucas$ ls -l
total 1448
-rw-rw-r-- 1 rogelio_lucas rogelio_lucas 1477366 jul 30 13:42 'Copia de cap.pdf'
-rwxrwxrwx 1 root          root          2252 jul  4 13:09 index.html
rogelio_lucas@DataDynamics:/var/www/html/rogelio_lucas$ |
```

```
C:\Users\Lab7Pc21\Pictures\Camera Roll>scp "video de prueba.mp4" rogelio_lucas@10.0.24.85:/var/www/html/rogelio_lucas
rogelio_lucas@10.0.24.85's password:
video de prueba.mp4                             100%   33MB   40.3MB/s   00:00
C:\Users\Lab7Pc21\Pictures\Camera Roll>|
```

```
rogelio_lucas@DataDynamics:/var/www/html/rogelio_lucas$ ls -l
total 35736
-rw-rw-r-- 1 rogelio_lucas rogelio_lucas 1477366 jul 30 13:42 'Copia de cap.pdf'
-rwxrwxrwx 1 root          root          2252 jul  4 13:09 index.html
-rw-rw-r-- 1 rogelio_lucas rogelio_lucas 35110284 jul 30 13:47 'video de prueba.mp4'
rogelio_lucas@DataDynamics:/var/www/html/rogelio_lucas$ |
```

