

UNIVERSIDAD AUTONOMA  
DEL ESTADO DE MEXICO.



KARLA ZARET VAZQUEZ LEDO

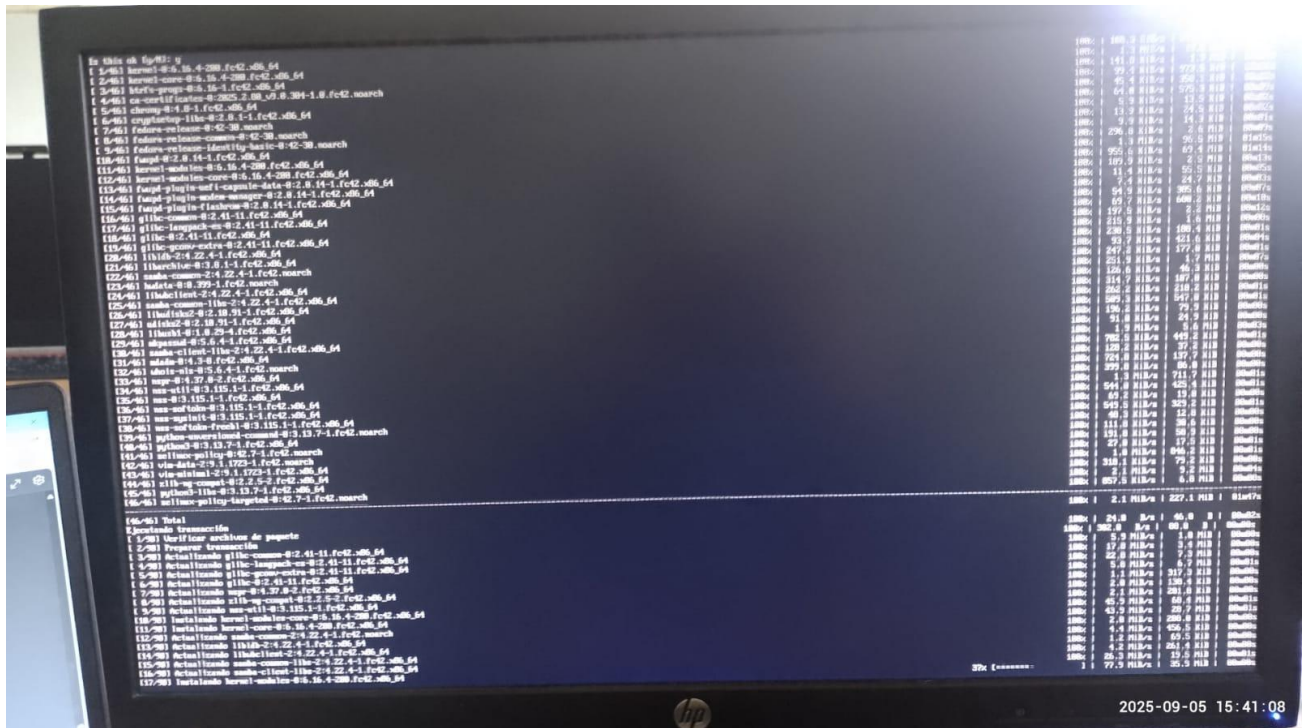
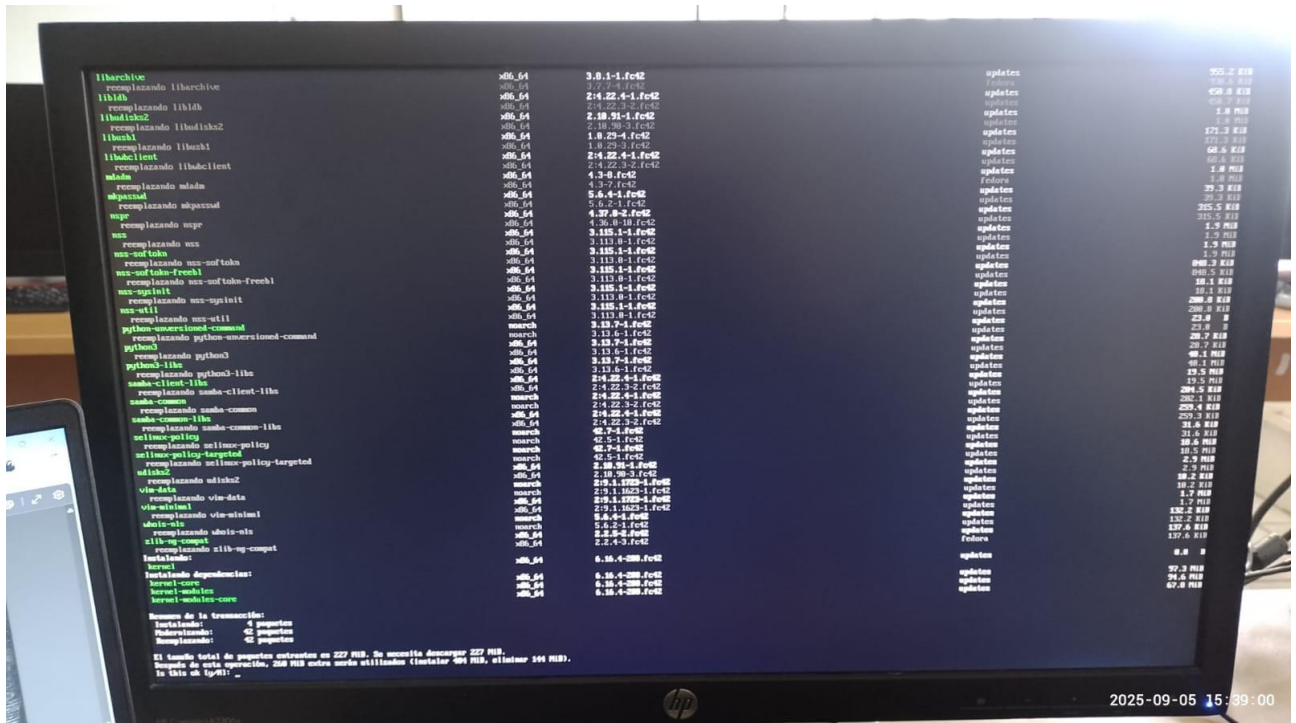
PRACTICA EN CLASE  
(EVIDENCIAS)

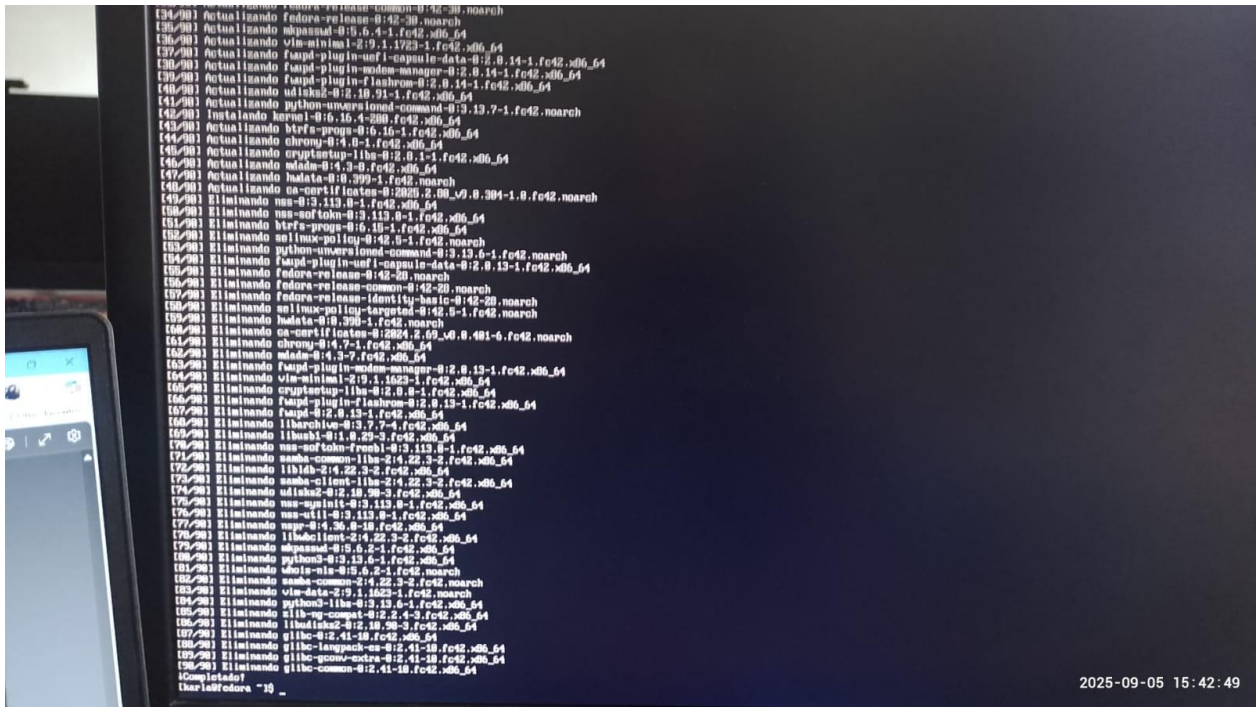
SISTEMAS OPERATIVOS

7MO SEMESTRE

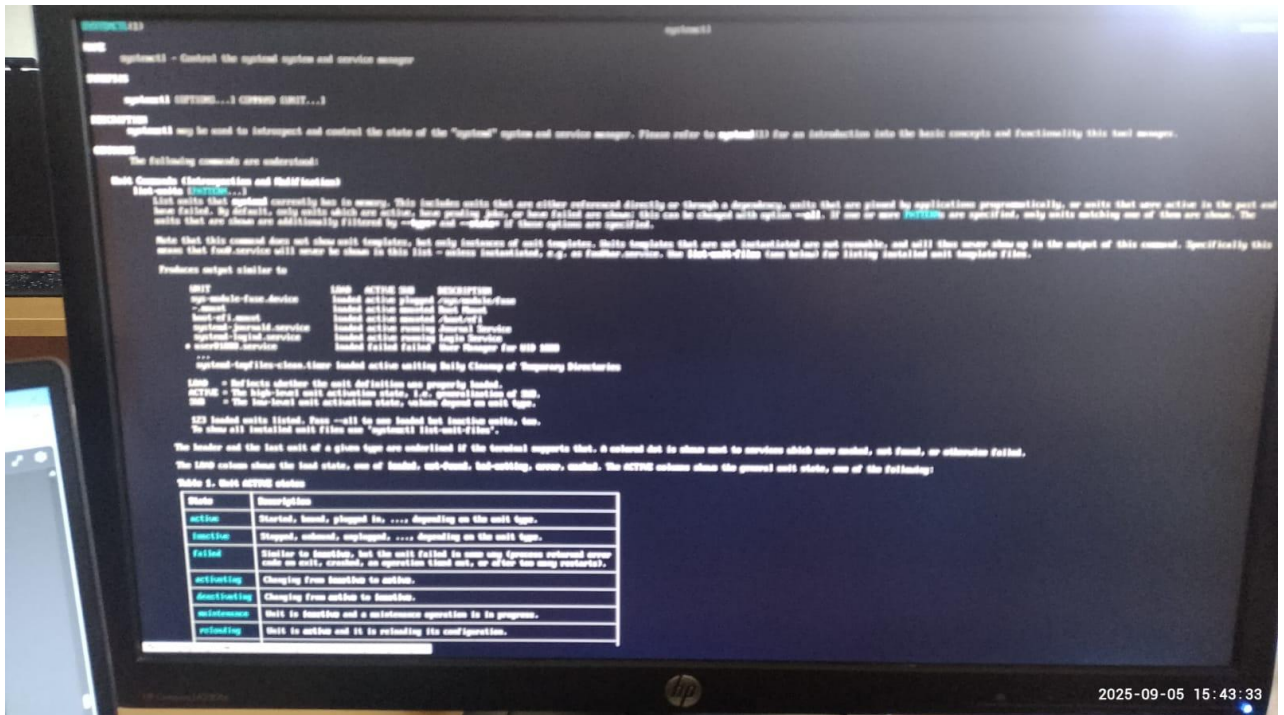
05/09/2025

## CAPTURAS:





2025-09-05 15:42:49



2025-09-05 15:43:33



```
[karla@fedora ~]$ sudo systemctl | grep running
[sudo] contraseña para karla:
```

init.scope	loaded active running	System and Service Manager
session-1.scope	loaded active running	Session 1 of User karla
auditd.service	loaded active running	Security Audit Logging Service
avahi-daemon.service	loaded active running	Avahi mDNS/DNS-SD Stack
chronyd.service	loaded active running	NTP client/server
dbus-broker.service	loaded active running	D-Bus System Message Bus
firewalld.service	loaded active running	firewalld - dynamic firewall daemon
getty@tty1.service	loaded active running	Getty on tty1
NetworkManager.service	loaded active running	Network Manager
polkit.service	loaded active running	Authorization Manager
sshd.service	loaded active running	OpenSSH server daemon
systemd-journald.service	loaded active running	Journal Service
systemd-logind.service	loaded active running	User Login Management
systemd-resolved.service	loaded active running	Network Name Resolution
systemd-udevd.service	loaded active running	Rule-based Manager for Device Events and Files
systemd-userdbd.service	loaded active running	User Database Manager
user@1000.service	loaded active running	User Manager for UID 1000
avahi-daemon.socket	loaded active running	Avahi mDNS/DNS-SD Stack Activation Socket
dbus.socket	loaded active running	D-Bus System Message Bus Socket
systemd-journald-audit.socket	loaded active running	Journal Audit Socket
systemd-journald-dev-log.socket	loaded active running	Journal Socket (/dev/log)
systemd-journald.socket	loaded active running	Journal Sockets
systemd-udevd-control.socket	loaded active running	udev Control Socket
systemd-udevd-kernel.socket	loaded active running	udev Kernel Socket
systemd-userdbd.socket	loaded active running	User Database Manager Socket

```
[karla@fedora ~]$
```

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```
[karla@fedora ~]$ sudo systemctl start sshd
```

```
[karla@fedora ~]$ sudo systemctl status sshd
```

```
• sshd.service - OpenSSH server daemon
```

```
Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: enabled)
```

```
Drop-In: /usr/lib/systemd/system/service.d
```

```
└─10-timeout-abort.conf
```

```
Active: active (running) since Fri 2025-06-27 02:00:20 CEST; 2 months 10 days ago
```

```
Invocation: ab577d94456144dca4341e00abce0a9c
```

```
Docs: man:sshd(8)
```

```
man:sshd_config(5)
```

```
Main PID: 895 (sshd)
```

```
Tasks: 1 (limit: 1806)
```

```
Memory: 1.4M (peak: 1.6M)
```

```
CPU: 13ms
```

```
CGroup: /system.slice/ssh.service
```

```
└─895 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"
```

```
jun 27 02:00:20 fedora systemd[1]: Starting sshd.service - OpenSSH server daemon...
```

```
jun 27 02:00:20 fedora sshd[895]: Server listening on 0.0.0.0 port 22.
```

```
jun 27 02:00:20 fedora sshd[895]: Server listening on :: port 22.
```

```
jun 27 02:00:20 fedora systemd[1]: Started sshd.service - OpenSSH server daemon.
```

```
[karla@fedora ~]$
```

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```
CGroup: /system.slice/ssh.service
└─895 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

jun 27 02:00:20 fedora systemd[1]: Starting sshd.service - OpenSSH server daemon...
jun 27 02:00:20 fedora sshd[895]: Server listening on 0.0.0.0 port 22.
jun 27 02:00:20 fedora sshd[895]: Server listening on :: port 22.
jun 27 02:00:20 fedora systemd[1]: Started sshd.service - OpenSSH server daemon.
[karla@fedora ~]$ sudo systemctl stop sshd
[karla@fedora ~]$ sudo systemctl status sshd
-bash: sudo systemctl: orden no encontrada
[karla@fedora ~]$ sudo systemctl status sshd
■ sshd.service - OpenSSH server daemon
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: enabled)
   Drop-In: /usr/lib/systemd/system/service.d
            └─10-timeout-abort.conf
   Active: inactive (dead) since Sat 2025-09-06 00:09:18 CEST: 37s ago
   Duration: 2month 1w 3d 1h 8min 57.678s
   Invocation: ab577d94456144dca4341e80abce8a9c
   Docs: man:sshd(8)
         man:sshd_config(5)
   Process: 895 ExecStart=/usr/sbin/sshd -D $OPTIONS (code=exited, status=0/SUCCESS)
   Main PID: 895 (code=exited, status=0/SUCCESS)
   Mem peak: 1.6M
   CPU: 13ms

jun 27 02:00:20 fedora systemd[1]: Starting sshd.service - OpenSSH server daemon...
jun 27 02:00:20 fedora sshd[895]: Server listening on 0.0.0.0 port 22.
jun 27 02:00:20 fedora sshd[895]: Server listening on :: port 22.
jun 27 02:00:20 fedora systemd[1]: Started sshd.service - OpenSSH server daemon.
sep 06 00:09:18 fedora systemd[1]: Stopping sshd.service - OpenSSH server daemon...
sep 06 00:09:18 fedora sshd[895]: Received signal 15; terminating.
sep 06 00:09:18 fedora systemd[1]: sshd.service: Deactivated successfully.
sep 06 00:09:18 fedora systemd[1]: Stopped sshd.service - OpenSSH server daemon.
[karla@fedora ~]$ _
```

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```
sep 06 00:09:18 fedora sshd[895]: Received signal 15; terminating.
sep 06 00:09:18 fedora systemd[1]: sshd.service: Deactivated successfully.
sep 06 00:09:18 fedora systemd[1]: Stopped sshd.service - OpenSSH server daemon.
[karla@fedora ~]$ sudo systemctl enable sshd
[karla@fedora ~]$ sudo systemctl status sshd
■ sshd.service - OpenSSH server daemon
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: enabled)
   Drop-In: /usr/lib/systemd/system/service.d
            └─10-timeout-abort.conf
   Active: inactive (dead) since Sat 2025-09-06 00:09:18 CEST: 1min 25s ago
   Duration: 2month 1w 3d 1h 8min 57.678s
   Invocation: ab577d94456144dca4341e80abce8a9c
   Docs: man:sshd(8)
         man:sshd_config(5)
   Main PID: 895 (code=exited, status=0/SUCCESS)
   Mem peak: 1.6M
   CPU: 13ms

jun 27 02:00:20 fedora systemd[1]: Starting sshd.service - OpenSSH server daemon...
jun 27 02:00:20 fedora sshd[895]: Server listening on 0.0.0.0 port 22.
jun 27 02:00:20 fedora sshd[895]: Server listening on :: port 22.
jun 27 02:00:20 fedora systemd[1]: Started sshd.service - OpenSSH server daemon.
sep 06 00:09:18 fedora systemd[1]: Stopping sshd.service - OpenSSH server daemon...
sep 06 00:09:18 fedora sshd[895]: Received signal 15; terminating.
sep 06 00:09:18 fedora systemd[1]: sshd.service: Deactivated successfully.
sep 06 00:09:18 fedora systemd[1]: Stopped sshd.service - OpenSSH server daemon.
[karla@fedora ~]$ sudo systemctl status sshd
■ sshd.service - OpenSSH server daemon
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: enabled)
   Drop-In: /usr/lib/systemd/system/service.d
            └─10-timeout-abort.conf
   Active: inactive (dead) since Sat 2025-09-06 00:09:18 CEST: 2min 15s ago
   Duration: 2month 1w 3d 1h 8min 57.678s
   Invocation: ab577d94456144dca4341e80abce8a9c
   Docs: man:sshd(8)
         man:sshd_config(5)
   Main PID: 895 (code=exited, status=0/SUCCESS)
   Mem peak: 1.6M
   CPU: 13ms

jun 27 02:00:20 fedora systemd[1]: Starting sshd.service - OpenSSH server daemon...
jun 27 02:00:20 fedora sshd[895]: Server listening on 0.0.0.0 port 22.
jun 27 02:00:20 fedora systemd[1]: Started sshd.service - OpenSSH server daemon.
sep 06 00:09:18 fedora systemd[1]: Stopping sshd.service - OpenSSH server daemon...
sep 06 00:09:18 fedora sshd[895]: Received signal 15; terminating.
sep 06 00:09:18 fedora systemd[1]: sshd.service: Deactivated successfully.
sep 06 00:09:18 fedora systemd[1]: Stopped sshd.service - OpenSSH server daemon.
[karla@fedora ~]$ _
```

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```

[karla@fedora ~]$ sudo systemctl disable sshd
Removed '/etc/systemd/system/multi-user.target.wants/ssh.service'.
[karla@fedora ~]$ sudo systemctl status sshd
■ sshd.service - OpenSSH server daemon
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; disabled; preset: enabled)
   Drop-In: /usr/lib/systemd/system/service.d
            └─10-timeout-abort.conf
   Active: inactive (dead)
     Docs: man:sshd(8)
           man:sshd_config(5)

Jun 27 02:00:20 fedora systemd[1]: Starting sshd.service - OpenSSH server daemon...
Jun 27 02:00:20 fedora sshd[895]: Server listening on 0.0.0.0 port 22.
Jun 27 02:00:20 fedora sshd[895]: Server listening on :: port 22.
Jun 27 02:00:20 fedora systemd[1]: Started sshd.service - OpenSSH server daemon.
Sep 06 00:09:18 fedora systemd[1]: Stopping sshd.service - OpenSSH server daemon.
Sep 06 00:09:18 fedora sshd[895]: Received signal 15; terminating.
Sep 06 00:09:18 fedora systemd[1]: sshd.service: Deactivated successfully.
Sep 06 00:09:18 fedora systemd[1]: Stopped sshd.service - OpenSSH server daemon.
[karla@fedora ~]$

```

2025-09-05 16:15:30

```

[karla@fedora ~]$ sudo systemctl disable sshd
Removed '/etc/systemd/system/multi-user.target.wants/ssh.service'.
[karla@fedora ~]$ sudo systemctl status sshd
■ sshd.service - OpenSSH server daemon
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; disabled; preset: enabled)
   Drop-In: /usr/lib/systemd/system/service.d
            └─10-timeout-abort.conf
   Active: inactive (dead)
     Docs: man:sshd(8)
           man:sshd_config(5)

Jun 27 02:00:20 fedora systemd[1]: Starting sshd.service - OpenSSH server daemon...
Jun 27 02:00:20 fedora sshd[895]: Server listening on 0.0.0.0 port 22.
Jun 27 02:00:20 fedora sshd[895]: Server listening on :: port 22.
Jun 27 02:00:20 fedora systemd[1]: Started sshd.service - OpenSSH server daemon.
Sep 06 00:09:18 fedora systemd[1]: Stopping sshd.service - OpenSSH server daemon...
Sep 06 00:09:18 fedora sshd[895]: Received signal 15; terminating.
Sep 06 00:09:18 fedora systemd[1]: sshd.service: Deactivated successfully.
Sep 06 00:09:18 fedora systemd[1]: Stopped sshd.service - OpenSSH server daemon.
[karla@fedora ~]$ sudo systemctl list-unit-files --state=failed
UNIT FILE STATE PRESET

0 unit files listed.
[karla@fedora ~]$

```

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```
drwxr-xr-x, 1 root root    32 ago 16 00:07 xdg
drwxr-xr-x, 1 root root   166 ago 16 00:06 yum.repos.d
[karla@fedora etc]$ sudo dnf install net-tools
[sudo] contraseña para karla:
sudo: dnf: command not found
[karla@fedora etc]$ sudo apt install net-tools
sudo: apt: command not found
[karla@fedora etc]$ sudo dnf install net-tools
Actualizando y cargando repositorios:
Repositorios cargados.
Paquete
Instalando:
net-tools

Arg.
x86_64

Versión
2.0-0.73

Resumen de la transacción:
Instalando:      1 paquete

El tamaño total de paquetes entrantes es 298 KiB. Se necesita descargar 298 KiB.
Después de esta operación, 865 KiB extra serán utilizados (instalar 865 KiB, eliminar 0 B).
Is this ok [y/N]: _
```

HP Compaq LA2306x

2025-09-05 16:41:22

```
[karla@fedora etc]$ sudo dnf install net-tools
[sudo] contraseña para karla:
sudo: dnf: command not found
[karla@fedora etc]$ sudo apt install net-tools
sudo: apt: command not found
[karla@fedora etc]$ sudo dnf install net-tools
Actualizando y cargando repositorios:
Repositorios cargados.
Paquete
Instalando:
net-tools

Arg.
x86_64

Versión
2.0-0.73.20160912git.fc42

Resumen de la transacción:
Instalando:      1 paquete

El tamaño total de paquetes entrantes es 298 KiB. Se necesita descargar 298 KiB.
Después de esta operación, 865 KiB extra serán utilizados (instalar 865 KiB, eliminar 0 B).
Is this ok [y/N]: y
(1/1) net-tools-0:2.0-0.73.20160912git.fc42.x86_64
=====
(1/1) Total
Resolviendo transacción
(1/2) Verificar archivos de paquete
(2/2) Preparar transacción
(3/2) Instalando net-tools-0:2.0-0.73.20160912git.fc42.x86_64
¡Completado!
[karla@fedora etc]$ _
```

HP Compaq LA2306x



2025-09-05 16:41:22



