

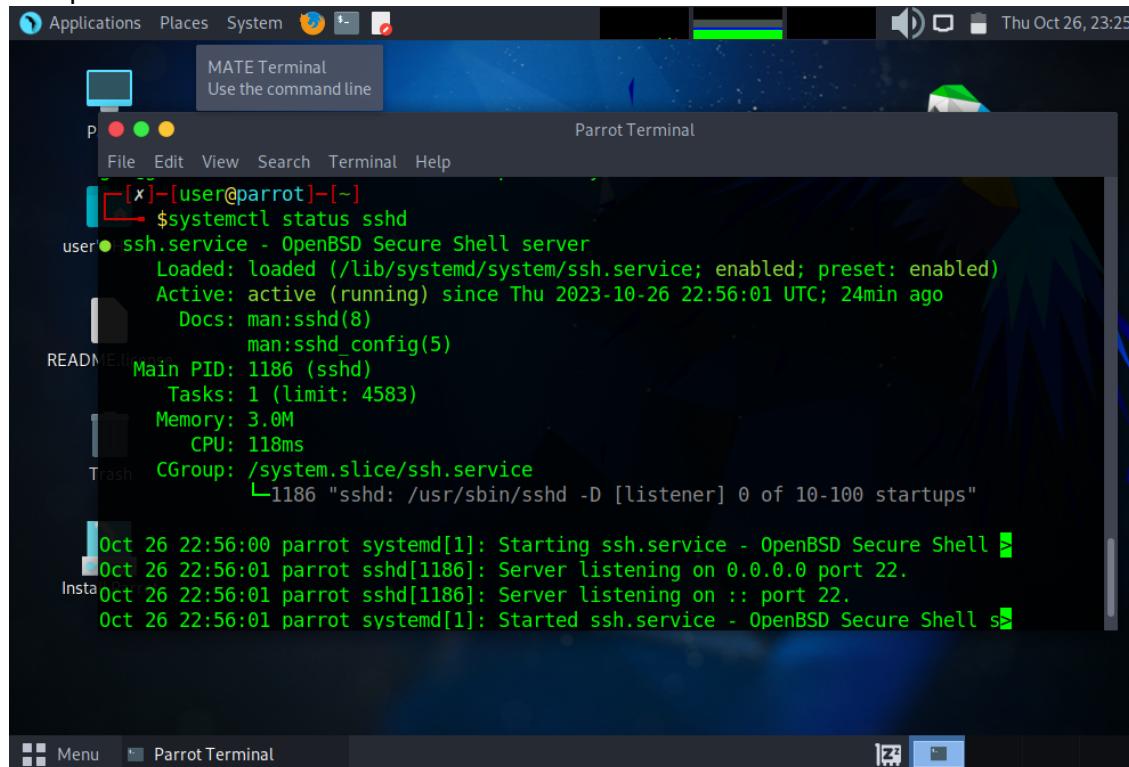
2023

# Servidor Linux

INSTALACIÓN DE PAQUETES S.O.

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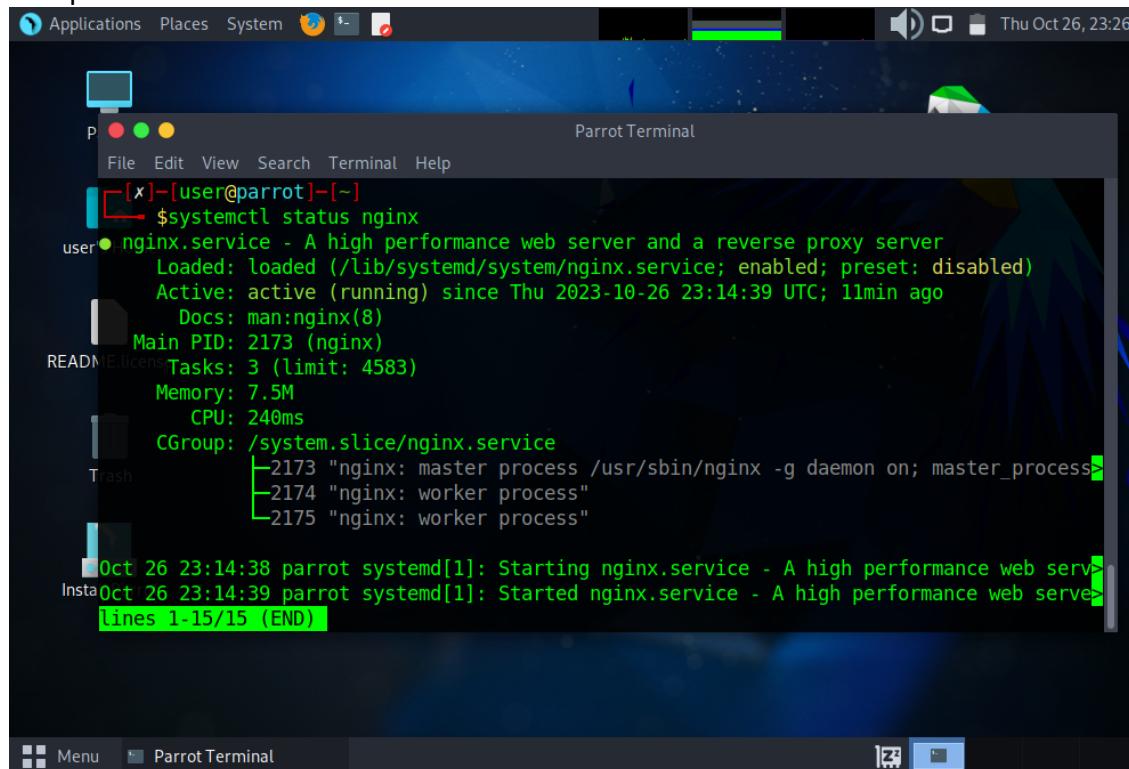
## Comprobación SSH



```
[x]-[user@parrot] [-]
$systemctl status sshd
● ssh.service - OpenBSD Secure Shell server
  Loaded: loaded (/lib/systemd/system/ssh.service; enabled; preset: enabled)
  Active: active (running) since Thu 2023-10-26 22:56:01 UTC; 24min ago
    Docs: man:sshd(8)
          man:sshd_config(5)
   Main PID: 1186 (sshd)
      Tasks: 1 (limit: 4583)
     Memory: 3.0M
        CPU: 118ms
      CGroup: /system.slice/ssh.service
              └─1186 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

Oct 26 22:56:00 parrot systemd[1]: Starting ssh.service - OpenBSD Secure Shell
Oct 26 22:56:01 parrot sshd[1186]: Server listening on 0.0.0.0 port 22.
Oct 26 22:56:01 parrot sshd[1186]: Server listening on :: port 22.
Oct 26 22:56:01 parrot systemd[1]: Started ssh.service - OpenBSD Secure Shell
```

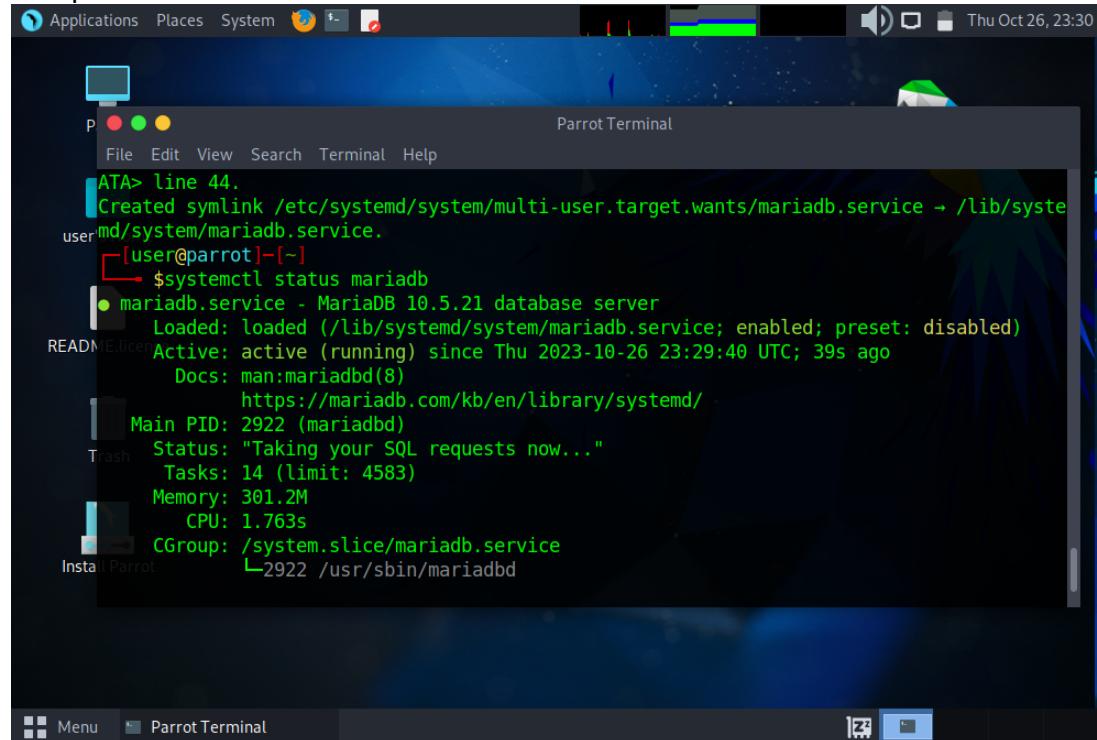
## Comprobación Web



```
[x]-[user@parrot] [-]
$systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/lib/systemd/system/nginx.service; enabled; preset: disabled)
  Active: active (running) since Thu 2023-10-26 23:14:39 UTC; 11min ago
    Docs: man:nginx(8)
   Main PID: 2173 (nginx)
      Tasks: 3 (limit: 4583)
     Memory: 7.5M
        CPU: 240ms
      CGroup: /system.slice/nginx.service
              ├─2173 "nginx: master process /usr/sbin/nginx -g daemon on; master_process"
              ├─2174 "nginx: worker process"
              ├─2175 "nginx: worker process"

Oct 26 23:14:38 parrot systemd[1]: Starting nginx.service - A high performance web server
Oct 26 23:14:39 parrot systemd[1]: Started nginx.service - A high performance web server
(Lines 1-15/15 (END))
```

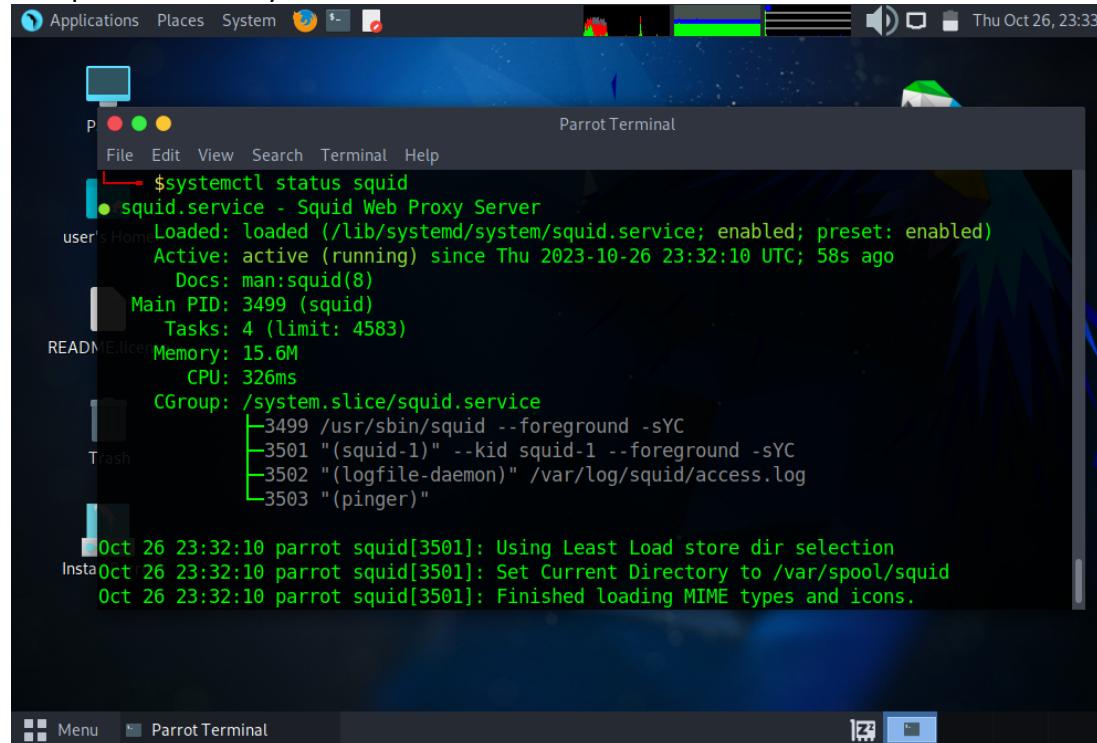
## Comprobación DB



Parrot Terminal

```
ATA> line 44.
Created symlink /etc/systemd/system/multi-user.target.wants/mariadb.service → /lib/systemd/system/mariadb.service.
user@parrot:~[-]
└─$ systemctl status mariadb
● mariadb.service - MariaDB 10.5.21 database server
  Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; preset: disabled)
  Active: active (running) since Thu 2023-10-26 23:29:40 UTC; 39s ago
    Docs: man:mariadb(8)
          https://mariadb.com/kb/en/library/systemd/
   Main PID: 2922 (mariadb)
     Status: "Taking your SQL requests now..."
      Tasks: 14 (limit: 4583)
     Memory: 301.2M
        CPU: 1.763s
      CGroup: /system.slice/mariadb.service
              └─2922 /usr/sbin/mariadb
```

## Comprobación Proxy Web



Parrot Terminal

```
user@parrot:~[-]
└─$ systemctl status squid
● squid.service - Squid Web Proxy Server
  Loaded: loaded (/lib/systemd/system/squid.service; enabled; preset: enabled)
  Active: active (running) since Thu 2023-10-26 23:32:10 UTC; 58s ago
    Docs: man:squid(8)
   Main PID: 3499 (squid)
     Tasks: 4 (limit: 4583)
    Memory: 15.6M
       CPU: 326ms
      CGroup: /system.slice/squid.service
              ├─3499 /usr/sbin/squid --foreground -sYC
              ├─3501 "(squid-1)" --kid squid-1 --foreground -sYC
              ├─3502 "(logfile-daemon)" /var/log/squid/access.log
              └─3503 "(pinger)"

Oct 26 23:32:10 parrot squid[3501]: Using Least Load store dir selection
Oct 26 23:32:10 parrot squid[3501]: Set Current Directory to /var/spool/squid
Oct 26 23:32:10 parrot squid[3501]: Finished loading MIME types and icons.
```

## Comprobación DNS

```
$ systemctl status bind9
● named.service - BIND Domain Name Server
   Loaded: loaded (/lib/systemd/system/named.service; enabled; preset: enabled)
   Active: active (running) since Thu 2023-10-26 23:45:51 UTC; 12s ago
     Docs: man:named(8)
     Main PID: 8009 (named)
        Tasks: 6 (limit: 4583)
       Memory: 16.6M
          CPU: 95ms
        CGroup: /system.slice/named.service
                └─ 8009 /usr/sbin/named -f -u bind

Oct 26 23:45:51 parrot named[8009]: network unreachable resolving './DNSKEY/IN': 2001:5>
Oct 26 23:45:51 parrot named[8009]: network unreachable resolving './NS/IN': 2001:500:1>
Oct 26 23:45:51 parrot named[8009]: network unreachable resolving './DNSKEY/IN': 2001:5>
Oct 26 23:45:51 parrot named[8009]: network unreachable resolving './NS/IN': 2001:500:9>
Oct 26 23:45:51 parrot named[8009]: network unreachable resolving './DNSKEY/IN': 2001:7>
Oct 26 23:45:51 parrot named[8009]: network unreachable resolving './NS/IN': 2001:7fd:>
```

## Netstat -tlpn

```
$ netstat -tlpn
Oct 26 23:45:51 parrot named[8009]: network unreachable resolving './DNSKEY/IN': 2001:7>
Oct 26 23:45:51 parrot named[8009]: network unreachable resolving './NS/IN': 2001:7fd:>
[user@parrot]~$ netstat -tlpn
bash: netstat: command not found
[x]-[user@parrot]~$ netstat -tlpn
bash: netstat: command not found
[x]-[user@parrot]~$ netstat -tlpn
(Not all processes could be identified, non-owned process info
will not be shown, you would have to be root to see it all.)
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State      PID/Program name
tcp        0      0 127.0.0.1:953          0.0.0.0:*           LISTEN
tcp        0      0 127.0.0.1:53           0.0.0.0:*           LISTEN
tcp        0      0 127.0.0.1:53           0.0.0.0:*           LISTEN
tcp        0      0 0.0.0.0:80            0.0.0.0:*           LISTEN
tcp        0      0 0.0.0.0:22            0.0.0.0:*           LISTEN
tcp        0      0 127.0.0.1:3306          0.0.0.0:*           LISTEN
tcp        0      0 10.0.2.15:53          0.0.0.0:*           LISTEN
tcp        0      0 10.0.2.15:53          0.0.0.0:*           LISTEN
tcp6       0      0 ::1:953              ::*:                  LISTEN
tcp6       0      0 ::1:3128             ::*:                  LISTEN
tcp6       0      0 ::1:53               ::*:                  LISTEN
tcp6       0      0 ::1:80               ::*:                  LISTEN
tcp6       0      0 ::22                ::*:                  LISTEN
tcp6       0      0 fe80::6f75:e8f8:bela:53 ::*:                  LISTEN
tcp6       0      0 fe80::6f75:e8f8:bela:53 ::*:                  LISTEN
[user@parrot]~$
```

## Comprobación VPN

The screenshot shows a Parrot OS desktop environment. A terminal window titled "Parrot Terminal" is open, displaying the following command sequence:

```
Screenshot at 2023-11-30 23:26:43.p
File Edit View Search Terminal Help
└── $ sudo systemctl start openvpn
└── [user@parrot] ~
└── $ sudo systemctl enable openvpn
Synchronizing state of openvpn.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable openvpn
Use of uninitialized value $service in hash element at /usr/sbin/update-rc.d line 26, <DATA> line 44.
Use of uninitialized value $service in hash element at /usr/sbin/update-rc.d line 26, <DATA> line 44.
└── [user@parrot] ~
└── $ systemctl status openvpn
bash: system: command not found
└── [x]-[user@parrot] ~
└── $ systemctl status openvpn
● openvpn.service - OpenVPN service
    Loaded: loaded (/lib/systemd/system/openvpn.service; enabled; preset: enabled)
    Active: active (exited) since Thu 2023-11-30 22:35:31 UTC; 1h 8min ago
      Main PID: 1327 (code=exited, status=0/SUCCESS)
        CPU: 3ms

Nov 30 22:35:31 parrot systemd[1]: Starting openvpn.service - OpenVPN service...
Nov 30 22:35:31 parrot systemd[1]: Finished openvpn.service - OpenVPN service.
lines 1-8/8 (END)
```

## Comprobación FTP

The screenshot shows a Parrot OS desktop environment. A terminal window titled "Parrot Terminal" is open, displaying the following command sequence:

```
Screenshot at 2023-11-30 23:26:43.p
File Edit View Search Terminal Help
└── [user@parrot] ~
└── $ systemctl status pure-ftpd
● pure-ftpd.service
    Loaded: loaded (/etc/init.d/pure-ftpd; generated)
    Active: active (running) since Thu 2023-11-30 23:22:44 UTC; 14min ago
      Docs: man:systemd-sysv-generator(8)
    Process: 6084 ExecStart=/etc/init.d/pure-ftpd start (code=exited, status=0/0)
      Tasks: 1 (limit: 4583)
     Memory: 588.0K
        CPU: 137ms
       CGroup: /system.slice/pure-ftpd.service
           └─6095 "pure-ftpd (SERVER)"

Nov 30 23:22:44 parrot systemd[1]: Starting pure-ftpd.service...
Nov 30 23:22:44 parrot pure-ftpd[6084]: Starting ftp server:
Nov 30 23:22:44 parrot pure-ftpd[6094]: Running: /usr/sbin/pure-ftpd -l pam -J
Nov 30 23:22:44 parrot systemd[1]: Started pure-ftpd.service.
lines 1-15/15 (END)
```

## Netstat -tlpn (Actualizado)

The screenshot shows a Parrot OS desktop environment. A terminal window titled "Parrot Terminal" is open, displaying the output of the "netstat -tlpn" command. The terminal window has a dark background with white text. The desktop background features a blue and green abstract geometric pattern. The system tray at the top right shows the date and time as "Thu Nov 30, 23:26". The taskbar at the bottom includes icons for "Menu", "Parrot Terminal", and other system icons.

```
Parrot Terminal
File Edit View Search Terminal Help
tcp6 0 0 fe80::4972:b7c1:5000:53 ::*: LISTEN
tcp6 0 0 fe80::4972:b7c1:5000:53 ::*: LISTEN
tcp6 user's Home 0 0 :::3128 ::*: LISTEN
tcp6 0 0 :::1:953 ::*: LISTEN
tcp6 0 0 :::1:53 ::*: LISTEN
tcp6 0 0 :::1:53 ::*: LISTEN
tcp6 0 0 :::22 ::*: LISTEN
tcp6 0 0 :::21 ::*: LISTEN
tcp6 0 0 :::80 ::*: LISTEN
[User@parrot] ~ $
```