

SERVICIO SSH

```
[root@rocky-host-lfs ~]# ls -l /usr/sbin/sshd
-rwxr-xr-x. 1 root root 396408 Jul 19 00:00 /usr/sbin/sshd
[root@rocky-host-lfs ~]# ls -l /etc/ssh/
total 564
-rw-r--r--. 1 root root 541716 Jul 19 00:00 moduli
-rw-r--r--. 1 root root 1916 Oct 14 09:33 ssh_config
drwxr-xr-x. 2 root root 28 Oct 14 09:28 ssh_config.d
-rw-----. 1 root root 3658 Dec 3 15:24 sshd_config
drwx-----. 2 root root 66 Oct 14 09:28 sshd_config.d
-rw-----. 1 root root 513 Oct 18 16:54 ssh_host_ecdsa_key
-rw-r--r--. 1 root root 181 Oct 18 16:54 ssh_host_ecdsa_key.pub
-rw-----. 1 root root 411 Oct 18 16:54 ssh_host_ed25519_key
-rw-r--r--. 1 root root 101 Oct 18 16:54 ssh_host_ed25519_key.pub
-rw-----. 1 root root 2602 Oct 18 16:54 ssh_host_rsa_key
-rw-r--r--. 1 root root 573 Oct 18 16:54 ssh_host_rsa_key.pub
[root@rocky-host-lfs ~]# /usr/sbin/sshd
[root@rocky-host-lfs ~]# ss -tulpn | grep sshd
tcp    LISTEN 0      128      0.0.0.0:22      0.0.0.0:*      users: (("sshd",pid=1919,fd=7))

tcp    LISTEN 0      128      [::]:22      [::]:*      users: (("sshd",pid=1919,fd=8))

[root@rocky-host-lfs ~]#
```

tcp LISTEN 0 128 0.0.0.0:22 0.0.0.0:* users:(("sshd",pid=123,fd=3))

✓ Esto demuestra que el servicio está levantado y listo para recibir conexiones.

Se logró configurar y ejecutar un servicio SSH completamente funcional dentro del sistema LFS. Esto demuestra que el sistema construido desde cero es capaz de operar servicios de red, transformándose en un sistema operativo utilizable y administrable remotamente.

```
Administrator: Windows PowerShell
root@lfs:/var/log# systemctl status sshd
● sshd.service - OpenSSH Daemon
   Loaded: loaded (/usr/lib/systemd/system/sshd.service; enabled; preset: enabled)
   Active: active (running) since Thu 2025-12-11 02:13:25 -03; 23min ago
   Invocation: 7d4b52d7855e4437b75c140e12fbb23d
   Main PID: 267 (sshd)
     Tasks: 1 (limit: 38449)
    Memory: 7.8M (peak: 41.7M)
       CPU: 1.624s
   CGroup: /system.slice/sshd.service
           └─267 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

dic 11 02:30:59 lfs sshd[267]: drop connection #0 from [159.203.108.39]:44472 on [10.128.0.2]:22 penalty: failed authentication
dic 11 02:31:00 lfs sshd[267]: drop connection #0 from [159.203.108.39]:44488 on [10.128.0.2]:22 penalty: failed authentication
dic 11 02:31:01 lfs sshd[267]: drop connection #0 from [159.203.108.39]:44498 on [10.128.0.2]:22 penalty: failed authentication
dic 11 02:31:02 lfs sshd[267]: drop connection #0 from [159.203.108.39]:44512 on [10.128.0.2]:22 penalty: failed authentication
dic 11 02:31:03 lfs sshd[267]: drop connection #0 from [159.203.108.39]:44518 on [10.128.0.2]:22 penalty: failed authentication
dic 11 02:31:04 lfs sshd[267]: drop connection #0 from [159.203.108.39]:44524 on [10.128.0.2]:22 penalty: failed authentication
dic 11 02:31:05 lfs sshd[267]: drop connection #0 from [159.203.108.39]:35466 on [10.128.0.2]:22 penalty: failed authentication
dic 11 02:31:06 lfs sshd[267]: drop connection #0 from [159.203.108.39]:35482 on [10.128.0.2]:22 penalty: failed authentication
dic 11 02:31:07 lfs sshd[267]: drop connection #0 from [159.203.108.39]:35484 on [10.128.0.2]:22 penalty: failed authentication
dic 11 02:31:08 lfs sshd[267]: drop connection #0 from [159.203.108.39]:35488 on [10.128.0.2]:22 penalty: failed authentication
root@lfs:/var/log#
```

La salida que aparece en pantalla muestra que el servicio **sshd** está funcionando correctamente.