

```
root@ip-10-81-162-161:~/Desktop# nmap 10.81.172.119
Starting Nmap 7.80 ( https://nmap.org ) at 2025-12-10 18:19 GMT
mass_dns: warning: Unable to open /etc/resolv.conf. Try using --system-dns or sp
ecify valid servers with --dns-servers
mass_dns: warning: Unable to determine any DNS servers. Reverse DNS is disabled.
Try using --system-dns or specify valid servers with --dns-servers
Nmap scan report for 10.81.172.119
Host is up (0.00021s latency).
Not shown: 994 closed ports
PORT      STATE SERVICE
25/tcp    open  smtp
80/tcp    open  http
110/tcp   open  pop3
143/tcp   open  imap
993/tcp   open  imaps
995/tcp   open  pop3s
MAC Address: 02:3E:7D:CC:0E:CD (Unknown)

Nmap done: 1 IP address (1 host up) scanned in 0.45 seconds
```

```
root@ip-10-81-162-161:~/Desktop# nmap -sV 10.81.172.119
Nmap 7.80 ( https://nmap.org )
Usage: nmap [Scan Type(s)] [Options] {target specification}
TARGET SPECIFICATION:
  Can pass hostnames, IP addresses, networks, etc.
  Ex: scanme.nmap.org, microsoft.com/24, 192.168.0.1; 10.0.0-255.1-254
  -iL <inputfilename>: Input from list of hosts/networks
  -iR <num hosts>: Choose random targets
  --exclude <host1[,host2][,host3],...>: Exclude hosts/networks
  --excludefile <exclude_file>: Exclude list from file
HOST DISCOVERY:
  -sL: List Scan - simply list targets to scan
  -sn: Ping Scan - disable port scan
  -Pn: Treat all hosts as online -- skip host discovery
  -PS/PA/PY[portlist]: TCP SYN/ACK, UDP or SCTP discovery to given ports
  -PE/PP/PM: ICMP echo, timestamp, and netmask request discovery probes
  -PO[protocol list]: IP Protocol Ping
  -n/-R: Never do DNS resolution/Always resolve [default: sometimes]
  --dns-servers <serv1[,serv2],...>: Specify custom DNS servers
  --system-dns: Use OS's DNS resolver
```

```
File Edit View Search Terminal Help
root@ip-10-81-162-161:~# ssh laura.perez@10.81.172.119
ssh: connect to host 10.81.172.119 port 22: Connection refused
root@ip-10-81-162-161:~#
root@ip-10-81-162-161:~# ssh laura.perez@10.81.172.119 -p 2225
The authenticity of host '[10.81.172.119]:2225 ([10.81.172.119]:2225)' can't be
established.
ECDSA key fingerprint is SHA256:aB1wIp3rOYtd0XDb/dTvwC10UTR4phcPFo1FAVrlFao.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '[10.81.172.119]:2225' (ECDSA) to the list of known h
osts.
laura.perez@10.81.172.119's password:
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.4.0-216-generic x86_64)

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

System information as of mié 10 dic 2025 18:24:15 UTC

System load:  0.0               Processes:            122
Usage of /:   41.3% of 11.21GB  Users logged in:     0
Memory usage: 48%              IPv4 address for eth0: 10.81.172.119
```

```

Last login: Thu Jul 17 14:09:38 2025
laura.perez@centralsrv:~$ sudo -l
[sudo] password for laura.perez:
Sorry, user laura.perez may not run sudo on centralsrv.
laura.perez@centralsrv:~$ cat /etc/crontable
cat: /etc/crontable: No such file or directory
laura.perez@centralsrv:~$ cat /etc/crontab
# /etc/crontab: system-wide crontab
# Unlike any other crontab you don't have to run the `crontab'
# command to install the new version when you edit this file
# and files in /etc/cron.d. These files also have username fields,
# that none of the other crontabs do.

SHELL=/bin/sh
PATH=/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin

# Example of job definition:
# .----- minute (0 - 59)
# | .----- hour (0 - 23)
# | | .----- day of month (1 - 31)
# | | | .----- month (1 - 12) OR jan,feb,mar,apr ...
# | | | | .---- day of week (0 - 6) (Sunday=0 or 7) OR sun,mon,tue,wed,thu,fri,sat
# | | | | |
#

laura.perez@centralsrv:~$ ls -la /etc/cron*
-rw-r--r-- 1 root root 1042 feb 13 2020 /etc/crontab

/etc/cron.d:
total 24
drwxr-xr-x 2 root root 4096 jul 17 14:07 .
drwxr-xr-x 107 root root 4096 dic 10 10:36 ..
-rw-r--r-- 1 root root 201 feb 14 2020 e2scrub_all
-rw-r--r-- 1 root root 46 jul 17 13:33 innovatech_cron
-rw-r--r-- 1 root root 102 feb 13 2020 .placeholder
-rw-r--r-- 1 root root 190 mar 14 2023 popularity-contest

/etc/cron.daily:
total 52
drwxr-xr-x 2 root root 4096 jul 17 12:02 .
drwxr-xr-x 107 root root 4096 dic 10 10:36 ..
-rwxr-xr-x 1 root root 539 mar 18 2024 apache2
-rwxr-xr-x 1 root root 376 sep 16 2021 apport
-rwxr-xr-x 1 root root 1478 abr 9 2020 apt-compat
-rwxr-xr-x 1 root root 355 dic 29 2017 bsdmainutils
-rwxr-xr-x 1 root root 1187 sep 5 2019 dpkg

```

```
laura.perez@centralsrv:~$ su sofia.ruiz
Password:
su: Authentication failure
laura.perez@centralsrv:~$ su sofia.ruiz
Password:
su: Authentication failure
laura.perez@centralsrv:~$ su sofia.ruiz
Password:
sofia.ruiz@centralsrv:/home/laura.perez$ cd /etc/cron.d
sofia.ruiz@centralsrv:/etc/cron.d$ ls
e2scrub_all  innovatech_cron  popularity-contest
sofia.ruiz@centralsrv:/etc/cron.d$ la -al
total 24
drwxr-xr-x  2 root root 4096 jul 17 14:07 .
drwxr-xr-x 107 root root 4096 dic 10 10:36 ..
-rw-r--r--  1 root root  201 feb 14  2020 e2scrub_all
-rw-r--r--  1 root root   46 jul 17 13:33 innovatech_cron
-rw-r--r--  1 root root  102 feb 13  2020 .placeholder
-rw-r--r--  1 root root  190 mar 14  2023 popularity-contest
sofia.ruiz@centralsrv:/etc/cron.d$ cat innovatech_cron
* * * * * root /usr/local/bin/limpiar_logs.sh
sofia.ruiz@centralsrv:/etc/cron.d$ cat limpiar_logs.sh
cat: limpiar_logs.sh: No such file or directory
```