



```
Nmap scan report for 192.168.2.225
Host is up (0.20s latency).

PORT      STATE      SERVICE VERSION
22/tcp    filtered  ssh
MAC Address: B8:27:EB:1C:5C:2C (Raspberry Pi Foundation)
Too many fingerprints match this host to give specific OS details
Network Distance: 1 hop
```

```
[~] - [9894]
[~] ssh rpi2@192.168.2.225
The authenticity of host '192.168.2.225 (192.168.2.225)' can't be established.
ED25519 key fingerprint is SHA256:qZDibtDpoIIE9UiPiulUdzR00XQPnLEuZmF2iTRYB1g.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.2.225' (ED25519) to the list of known hosts.
rpi2@192.168.2.225's password:
Linux raspberrypi 6.1.21-v8+ #1642 SMP PREEMPT Mon Apr  3 17:24:16 BST 2023 aarch64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Tue Dec  5 07:43:57 2023
rpi2@raspberrypi:~ $ sudo apt update
Hit:1 http://security.debian.org/debian-security bullseye-security InRelease
Hit:2 http://deb.debian.org/debian bullseye InRelease
Hit:3 http://deb.debian.org/debian bullseye-updates InRelease
Hit:4 http://archive.raspberrypi.org/debian bullseye InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
19 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

```
rpi2@raspberrypi:~ $ sudo apt full-upgrade -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
The following package was automatically installed and is no longer required:
  libfuse2
Use 'sudo apt autoremove' to remove it.
The following packages will be upgraded:
  bluez chromium-browser chromium-browser-l10n chromium-codecs-ffmpeg-extra curl libbluetooth3
  libcurl3-gnutls libcurl4 libjavascriptcoregtk-4.0-18 libssh-gcrypt-4 libwebkit2gtk-4.0-37 openssh-client
  openssh-server openssh-sftp-server ssh tzdata xserver-common xserver-xorg-core xwayland
19 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Need to get 157 MB of archives.
After this operation, 1,056 kB of additional disk space will be used.
Get:1 http://security.debian.org/debian-security bullseye-security/main arm64 openssh-sftp-server arm64 1:8.4p
1-5+deb11u3 [50.3 kB]
Get:2 http://deb.debian.org/debian bullseye-updates/main arm64 tzdata all 2021a-1+deb11u11 [287 kB]
0% [Waiting for headers] [1 openssh-sftp-server 12.6 kB/50.3 kB 25%] [2 tzdata 8,424 B/287 kB 3%]
```

```
~/.ssh/authorized_keys
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAQGC0/RBZALbslBlUM40lx6+J48wU8ReRPgrCjzLrSVTaDsJLzz8mXgJhKjMEtU4UmJzI/eUBUcR7Ia9AU
cW2RBpfcgyL12yDCro60WoXyzcMNR3Sj9Yf8lHa+xEqpU9+tETmLX2LBMshz/djtRbV2zIEIRiyFwys72cpJf5BiNZCXqSzsv9Gfo7K8Tlx/Y
Re5M7l9MNxsXu+/vjmT+2fIfgZlHnyMEEJOD83gQ9H9Pf/2QuLEr5N96yelrkVunW1dat6AcQ7yxIQQy9aTdG0ZNCGYWdyQtwSbIeHPMbGkL
ONwItTphWAR+ZxqjSW/ogh+cQ/VN6bKXCqGiggEI8j2nqiM32pJYXIy1hYf1IXeIxb+SDan36HK3+GIjMIYPoHc7+WG5vfiuzuFzhwxZAmRbT
z+0jtst6Ca1Da8rY90b758asX9h2aa+LBGAL7oDgY7DYcAg5pKi77tqQi7BB9eLFDNU6VQAs2o+1Fyg6+rFKB6z62gUl/O+gMzevNLxAos=
yapudjus@thickpad
```

```
sudo ip addr add dev eth0 10.0.1.1/30
```

Usable Host IP Range:	10.0.1.1 - 10.0.1.2
Broadcast Address:	10.0.1.3
Total Number of Hosts:	4
Number of Usable Hosts:	2

```
sudo ip addr add dev eth0 10.0.1.2/30
```

```
sudo ip addr add dev eth0 10.0.1.1/24
```

```
sudo ip addr add dev eth0 10.0.1.{num}/24
```