

Arp-Scan

Arp-Scan is a command line utility for scanning MAC addresses that are stored in the ARP Table. By default on Raspbian the timeout for ARP table entries is 60s, you can check `cat /proc/sys/net/ipv4/neigh/default/gc_stale_time` for exact time.

Installation

To install Arp-Scan, from the command line enter: Note: you may have to do a `sudo apt-get update` first.

```
sudo apt-get install arp-scan
```

Operation

To use **arp-scan** enter the following from the command line:

```
sudo arp-scan -l
```

Example Output

```
Interface: eth0, datalink type: EN10MB (Ethernet)
Starting arp-scan 1.8.1 with 256 hosts (http://www.nta-monitor.com/tools/arp-scan/)
192.168.1.1      00:1d:aa:a5:66:08      DrayTek Corp.
192.168.1.4      b8:ac:6f:2c:cf:44      Dell Inc
192.168.1.5      3c:d9:2b:54:cd:94      (Unknown)
192.168.1.6      38:60:77:df:da:fe      (Unknown)
192.168.1.7      b8:27:eb:25:73:7d      (Unknown)
192.168.1.9      b8:27:eb:a2:83:97      (Unknown)
192.168.1.3      b8:a3:86:6a:4a:d0      (Unknown)
192.168.1.16     40:8d:5c:1e:76:bb      (Unknown)
192.168.1.51     00:19:fb:88:64:96      BSKyB Ltd
192.168.1.56     c0:33:5e:41:7a:d1      (Unknown)
192.168.1.56     c0:33:5e:41:7a:d1      (Unknown) (DUP: 2)
192.168.1.62     b8:3e:59:28:43:30      (Unknown)
192.168.1.54     00:ae:fa:f0:a4:a9      (Unknown)
192.168.1.59     f4:5c:89:ec:0f:9b      (Unknown)
192.168.1.61     b8:3e:59:19:02:0d      (Unknown)
```

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