

## Example of increased weights in static mode

Debug-output with single probe in wlp6s0 and three probes in wlp6s1 where airtime\_sta\_weight had been set to 45000 for wifiprobe1 in wlp6s0 and 15000 for wifiprobe2 to wifiprobe4 in wlp6s1.

```

root@wifiap1:/sys/kernel/debug/ieee80211/phy0# cat netdev\wlp6s0/stations/*/airtime
RX: 0 us
TX: 1513 us
Weight: 45000
Deficit: VO: 43888 us VI: 256 us BE: 111 us BK: 256 us
root@wifiap1:/sys/kernel/debug/ieee80211/phy0# cat netdev\wlp6s1/stations/*/airtime
RX: 0 us
TX: 2836 us
Weight: 15000
Deficit: VO: 13888 us VI: 256 us BE: 13788 us BK: 256 us
RX: 0 us
TX: 8422 us
Weight: 15000
Deficit: VO: 13560 us VI: 256 us BE: 8530 us BK: 256 us
RX: 0 us
TX: 9035 us
Weight: 15000
Deficit: VO: 13560 us VI: 256 us BE: 7917 us BK: 256 us

```

Results of iperf3 reflect airtime weight ratios. Wifiprobe1 (27.5 Mbit/s) achieved "almost" three times the bitrate than wifiprobe2,3 and 4 (11.4, 11.0, 11.7 Mbit/s).

ID	Interval	Transfer	Bitrate	Retr	sender	receiver
5	0.00-120.01 sec	49.3 Mbytes	3.45 Mbits/sec	150	sender	receiver
5	0.00-120.00 sec	49.1 Mbytes	3.43 Mbits/sec	144	sender	receiver
7	0.00-120.01 sec	49.4 Mbytes	3.45 Mbits/sec	144	sender	receiver
7	0.00-120.00 sec	49.1 Mbytes	3.44 Mbits/sec	147	sender	receiver
9	0.00-120.01 sec	49.5 Mbytes	3.46 Mbits/sec	147	sender	receiver
9	0.00-120.00 sec	49.2 Mbytes	3.44 Mbits/sec	149	sender	receiver
11	0.00-120.01 sec	49.4 Mbytes	3.45 Mbits/sec	149	sender	receiver
11	0.00-120.00 sec	49.1 Mbytes	3.44 Mbits/sec	146	sender	receiver
13	0.00-120.01 sec	49.3 Mbytes	3.45 Mbits/sec	145	sender	receiver
13	0.00-120.00 sec	49.1 Mbytes	3.43 Mbits/sec	146	sender	receiver
15	0.00-120.01 sec	49.3 Mbytes	3.45 Mbits/sec	146	sender	receiver
15	0.00-120.00 sec	49.1 Mbytes	3.43 Mbits/sec	148	sender	receiver
17	0.00-120.01 sec	49.3 Mbytes	3.45 Mbits/sec	148	sender	receiver
17	0.00-120.00 sec	49.2 Mbytes	3.44 Mbits/sec	147	sender	receiver
19	0.00-120.01 sec	49.0 Mbytes	3.43 Mbits/sec	147	sender	receiver
19	0.00-120.00 sec	49.0 Mbytes	3.43 Mbits/sec	1176	sender	receiver
[SUM]	0.00-120.01 sec	393 Mbytes	27.6 Mbits/sec			
[SUM]	0.00-120.00 sec	393 Mbytes	27.5 Mbits/sec			

  

ID	Interval	Transfer	Bitrate	Retr	sender	receiver
5	0.00-120.02 sec	20.1 Mbytes	1.41 Mbits/sec	139	sender	receiver
5	0.00-120.00 sec	20.0 Mbytes	1.40 Mbits/sec	137	sender	receiver
7	0.00-120.02 sec	19.8 Mbytes	1.38 Mbits/sec	144	sender	receiver
7	0.00-120.00 sec	19.5 Mbytes	1.39 Mbits/sec	144	sender	receiver
9	0.00-120.02 sec	19.9 Mbytes	1.39 Mbits/sec	144	sender	receiver
9	0.00-120.00 sec	19.8 Mbytes	1.38 Mbits/sec	133	sender	receiver
11	0.00-120.02 sec	19.8 Mbytes	1.38 Mbits/sec	133	sender	receiver
11	0.00-120.00 sec	19.6 Mbytes	1.37 Mbits/sec	141	sender	receiver
13	0.00-120.02 sec	19.7 Mbytes	1.38 Mbits/sec	141	sender	receiver
13	0.00-120.00 sec	19.6 Mbytes	1.37 Mbits/sec	146	sender	receiver
15	0.00-120.02 sec	20.0 Mbytes	1.40 Mbits/sec	140	sender	receiver
15	0.00-120.00 sec	19.9 Mbytes	1.39 Mbits/sec	140	sender	receiver
17	0.00-120.02 sec	19.9 Mbytes	1.39 Mbits/sec	140	sender	receiver
17	0.00-120.00 sec	19.8 Mbytes	1.38 Mbits/sec	136	sender	receiver
19	0.00-120.02 sec	19.6 Mbytes	1.37 Mbits/sec	136	sender	receiver
19	0.00-120.00 sec	19.6 Mbytes	1.37 Mbits/sec	1116	sender	receiver
[SUM]	0.00-120.02 sec	159 Mbytes	11.1 Mbits/sec			
[SUM]	0.00-120.00 sec	158 Mbytes	11.0 Mbits/sec			

  

ID	Interval	Transfer	Bitrate	Retr	sender	receiver
5	0.00-120.01 sec	20.8 Mbytes	1.45 Mbits/sec	137	sender	receiver
5	0.00-120.00 sec	20.6 Mbytes	1.44 Mbits/sec	134	sender	receiver
7	0.00-120.01 sec	20.7 Mbytes	1.45 Mbits/sec	134	sender	receiver
7	0.00-120.00 sec	20.5 Mbytes	1.44 Mbits/sec	140	sender	receiver
9	0.00-120.01 sec	20.6 Mbytes	1.44 Mbits/sec	140	sender	receiver
9	0.00-120.00 sec	20.4 Mbytes	1.43 Mbits/sec	139	sender	receiver
11	0.00-120.01 sec	20.6 Mbytes	1.44 Mbits/sec	139	sender	receiver
11	0.00-120.00 sec	20.4 Mbytes	1.43 Mbits/sec	135	sender	receiver
13	0.00-120.01 sec	20.5 Mbytes	1.43 Mbits/sec	135	sender	receiver
13	0.00-120.00 sec	20.5 Mbytes	1.43 Mbits/sec	136	sender	receiver
15	0.00-120.01 sec	20.6 Mbytes	1.44 Mbits/sec	136	sender	receiver
15	0.00-120.00 sec	20.4 Mbytes	1.43 Mbits/sec	143	sender	receiver
17	0.00-120.01 sec	20.6 Mbytes	1.44 Mbits/sec	143	sender	receiver
17	0.00-120.00 sec	20.4 Mbytes	1.43 Mbits/sec	133	sender	receiver
19	0.00-120.01 sec	20.5 Mbytes	1.43 Mbits/sec	143	sender	receiver
19	0.00-120.00 sec	20.3 Mbytes	1.42 Mbits/sec	1107	sender	receiver
[SUM]	0.00-120.01 sec	165 Mbytes	11.5 Mbits/sec			
[SUM]	0.00-120.00 sec	164 Mbytes	11.4 Mbits/sec			

  

ID	Interval	Transfer	Bitrate	Retr	sender	receiver
5	0.00-120.01 sec	21.0 Mbytes	1.47 Mbits/sec	146	sender	receiver
5	0.00-120.00 sec	20.6 Mbytes	1.46 Mbits/sec	130	sender	receiver
7	0.00-120.01 sec	21.3 Mbytes	1.49 Mbits/sec	130	sender	receiver
7	0.00-120.00 sec	21.1 Mbytes	1.48 Mbits/sec	137	sender	receiver
9	0.00-120.01 sec	21.2 Mbytes	1.48 Mbits/sec	133	sender	receiver
9	0.00-120.00 sec	21.0 Mbytes	1.47 Mbits/sec	133	sender	receiver
11	0.00-120.01 sec	21.2 Mbytes	1.48 Mbits/sec	136	sender	receiver
11	0.00-120.00 sec	21.1 Mbytes	1.47 Mbits/sec	137	sender	receiver
13	0.00-120.01 sec	20.8 Mbytes	1.46 Mbits/sec	131	sender	receiver
13	0.00-120.00 sec	20.7 Mbytes	1.45 Mbits/sec	133	sender	receiver
15	0.00-120.01 sec	20.8 Mbytes	1.45 Mbits/sec	133	sender	receiver
15	0.00-120.00 sec	20.7 Mbytes	1.44 Mbits/sec	1083	sender	receiver
17	0.00-120.01 sec	21.2 Mbytes	1.48 Mbits/sec			
17	0.00-120.00 sec	21.1 Mbytes	1.47 Mbits/sec			
19	0.00-120.01 sec	21.0 Mbytes	1.46 Mbits/sec			
19	0.00-120.00 sec	20.8 Mbytes	1.45 Mbits/sec			
[SUM]	0.00-120.01 sec	168 Mbytes	11.8 Mbits/sec			
[SUM]	0.00-120.00 sec	167 Mbytes	11.7 Mbits/sec			