

DWC-1000 /2000 & DWL-6610AP B-Rev, DWL-6610APE & DWL-3610AP Airtime Fairness

[requirements]

1. Unified Wireless Controller/Switch with latest firmware version: **4.7.x** and newer
DWL-3610AP
DWL-6610AP B-Revision
DWL-6610APE

2. compatible AP with latest firmware

ftp://ftp.dlink.de/dwc/dwc-1000/driver_software/
ftp://ftp.dlink.de/dwc/dwc-2000/driver_software/

CURRENT LIMITATION:

As for current implementation, you must have the same AP Type managed within your DWC-x000, since the Airtime Fairness Option will currently only available when selecting the correct AP Hardware Type.

It is planned for future DWC-x000 release to make this option available in AP Hardware Type "ALL".

[setup]

Open the WebGUI of the DWC-1000/2000 and login

1.)

Navigate to the Submenu > wireless > AP Profile



Select the AP-Profile and modify the Hardware Type to the supported one
(DWL-6610AP B & DWL-6610APE use the same Hardware Type)

AP Profile Global Configuration

AP Profile Global Configuration

Profile Name: 6610 B

Hardware Type: DWL-6610AP-B1 Dual Radio

Wired Network Discovery VLAN ID: Any

- DWL-2600AP Single Radio b/g/n
- DWL-3600AP Single Radio b/g/n
- DWL-3610AP Single Radio dual band a/b/g/n/ac
- DWL-6600AP Dual Radio a/b/g/n
- DWL-6610AP Dual Radio a/b/g/n/ac
- DWL-6700AP Dual Radio a/b/g/n
- DWL-8600AP Dual Radio a/b/g/n
- DWL-8610AP Dual Radio a/b/g/n/ac
- DWL-6610AP-B1 Dual Radio a/b/g/n/ac**
- DWL-6620APs Dual Radio a/b/g/n/ac
- DWL-7620AP Triple Radio a/b/g/n/ac
- DWL-8710AP Dual Radio a/b/n/n/ac

Save

2.)

Navigate to the Submenu > wireless > AP Profile > AP Profile Radio

Select the AP-Profile and modify each Radio (2.4 GHz & 5 GHz separately) to enable Airtime Fairness

AP Profile Radio Configuration

Basic Rate Set (Mbps): 6, 9, 12, 18

Supported Rate Set (Mbps): 6, 9, 12, 18

Multicast to Unicast: OFF

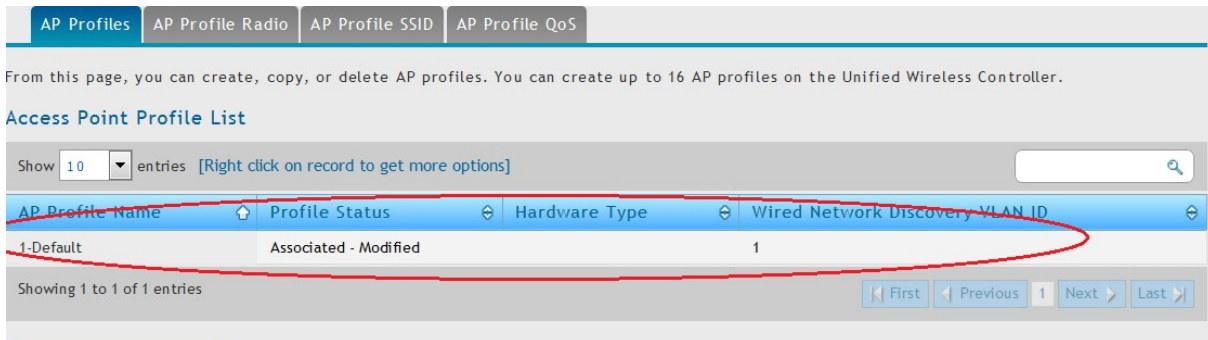
DHCP Offer/ ACK to Unicast: OFF

Throughput Options

- Frame Burst: ON
- VHT Features: ON
- Airtime Fairness: ON
- OLPC Calibration: OFF

Save

3.)
Apply the changes you made by the AP Profile



With the right mouse click and then Apply you will transmit your modification to all associated/managed APs of this dedicated AP Profile.