

How to setup different SSID with different Radio and Security type

[Request]

One SSID for 2.4G b/g with WEP the other SSID for 5G a/n with WPA

[DWC-1000]

1. Status > Access Point Info > Aps Summary
Choose your AP and click "Manage".

ACCESS POINTS SUMMARY						LOGOUT
The All AP Summary page shows summary information about managed, failed, and rogue access points the controller has discovered or detected.						
List of APs						
	MAC Address	IP Address	Age	Status	Radio	Channel
<input type="checkbox"/>	fc:75:16:77:09:40	192.168.10.189	0h:0m:1s	Managed	1-802.11a/n, 2-802.11b/g/n	36, 1

2. Advances > AP Profile > Configure Radio

In the default setup we have two of different Radio type 802.11a/n and 802.11b/g/n

We have to change 802.11b/g/n this radio mode to 802.11b/g only because we have to use WEP in this radio after then save settings.

AP Profile Radio Configuration	
AP Profile:	AP Profile 1-Default
Radio Mode:	<input type="radio"/> 1-802.11a/n <input checked="" type="radio"/> 2-802.11b/g/n

Mode:	<input type="text" value="IEEE 802.11b/g"/>
DTIM Period:	<input type="text" value="100"/> (beacons)
Beacon Interval:	<input type="text" value="100"/> (20 to 2000) (Msecs)

AP Profile Radio Configuration	
AP Profile:	AP Profile 1-Default
Radio Mode:	<input type="radio"/> 1-802.11a/n <input checked="" type="radio"/> 2-802.11b/g

3. Advanced > SSIDs > Add

Add a new SSID for second other security type.

<input type="checkbox"/>	17	Chuck	1-default	Disabled	Static WEP	None
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This is my default SSID security type.

Wireless Network List						
ID	SSID	VLAN	Hide SSID	Security	Redirect	
<input type="checkbox"/>	1	Michael	1-default	Disabled	WPA PERSONAL	None

4. Advanced > AP Profile > Configure SSID

Choose your access point and click "Configure SSID"

The screenshot shows the 'AP PROFILES SUMMARY' page with a 'LOGOUT' link. Below the header is a text box explaining that up to 16 AP profiles can be created. The 'Access Point Profile List' table shows one profile: '1-Default' with status 'Associated'. Below the table are buttons for 'Edit', 'Delete', 'Add', 'Copy', and 'Apply'. A 'Configure SSID' button is highlighted, and a tooltip for it is visible below.

Profile	Profile Status
1-Default	Associated

We setup the default SSID to 802.11 a/n with WPA security type.

Make sure we are check SSID one on 802.11 a/n and click "Save Settings"

The screenshot shows the 'AP Profile VAP Configuration' page. The 'AP Profile' is 'AP Profile 1-Default'. The 'Radio Mode' is set to '1-802.11a/n'. Below is the 'List of SSID' table with one entry: '1 - Michael_dl' with 'WPA Personal' security.

Network	VLAN	Hide SSID	Security	Redirect
1 - Michael_dl	1-default	Disabled	WPA Personal	None

The second SSID setup is 802.11 b/g with WEP security type.

Make sure we are check SSID one on 802.11 b/b and click "Save Settings"

The screenshot shows the 'AP Profile VAP Configuration' page. The 'AP Profile' is 'AP Profile 1-Default'. The 'Radio Mode' is set to '2-802.11b/g'. Below is the 'List of SSID' table with one entry: '17 - Chuck' with 'Static WEP' security.

Network	VLAN	Hide SSID	Security	Redirect
17 - Chuck	1-default	Disabled	Static WEP	None

When setup all of setting make sure “Apply” the configuration.

The screenshot shows the 'AP PROFILES SUMMARY' page with a 'LOGOUT' link in the top right. Below the header is a text box stating: 'From Access Point Profile Summary page, you can create, copy, or delete AP profiles. You can create up to 16 AP profiles on the Unified Wireless Controller.' Below this is the 'Access Point Profile List' table:

	Profile	Profile Status
<input type="checkbox"/>	1-Default	Associated

Below the table are several action buttons: 'Edit', 'Delete', 'Add', 'Copy', 'Apply', 'Configure Radio', 'Configure SSID', 'Configure QoS', and 'Refresh'. A mouse cursor is pointing at the 'Apply' button.

[Result]

1. Change the Wireless interface to 802.1a after then the PC only can see “Michael” this SSID.
2. Change the Wireless interface to 802.1b/g after then the PC only can see “Chuck” this SSID.

END