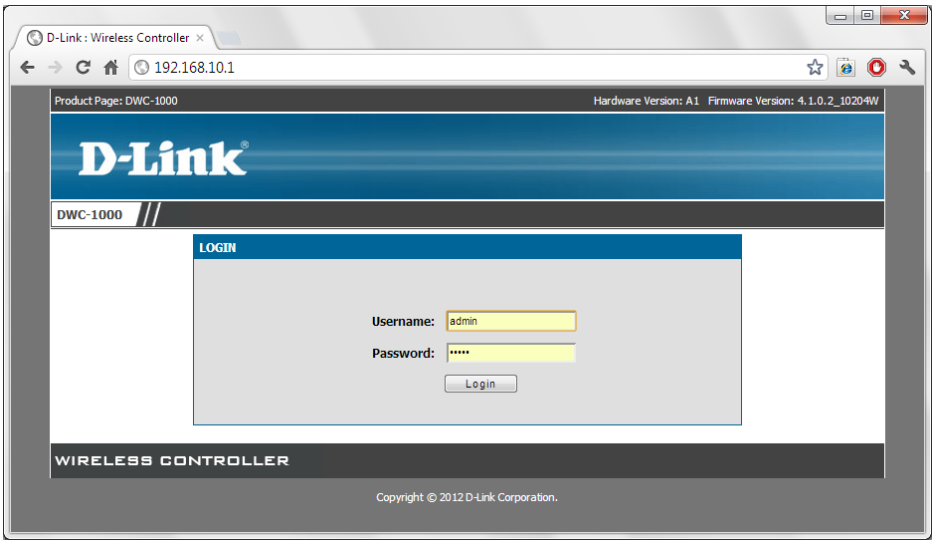
# DWC-1000

## Basic configuration and Access Point management

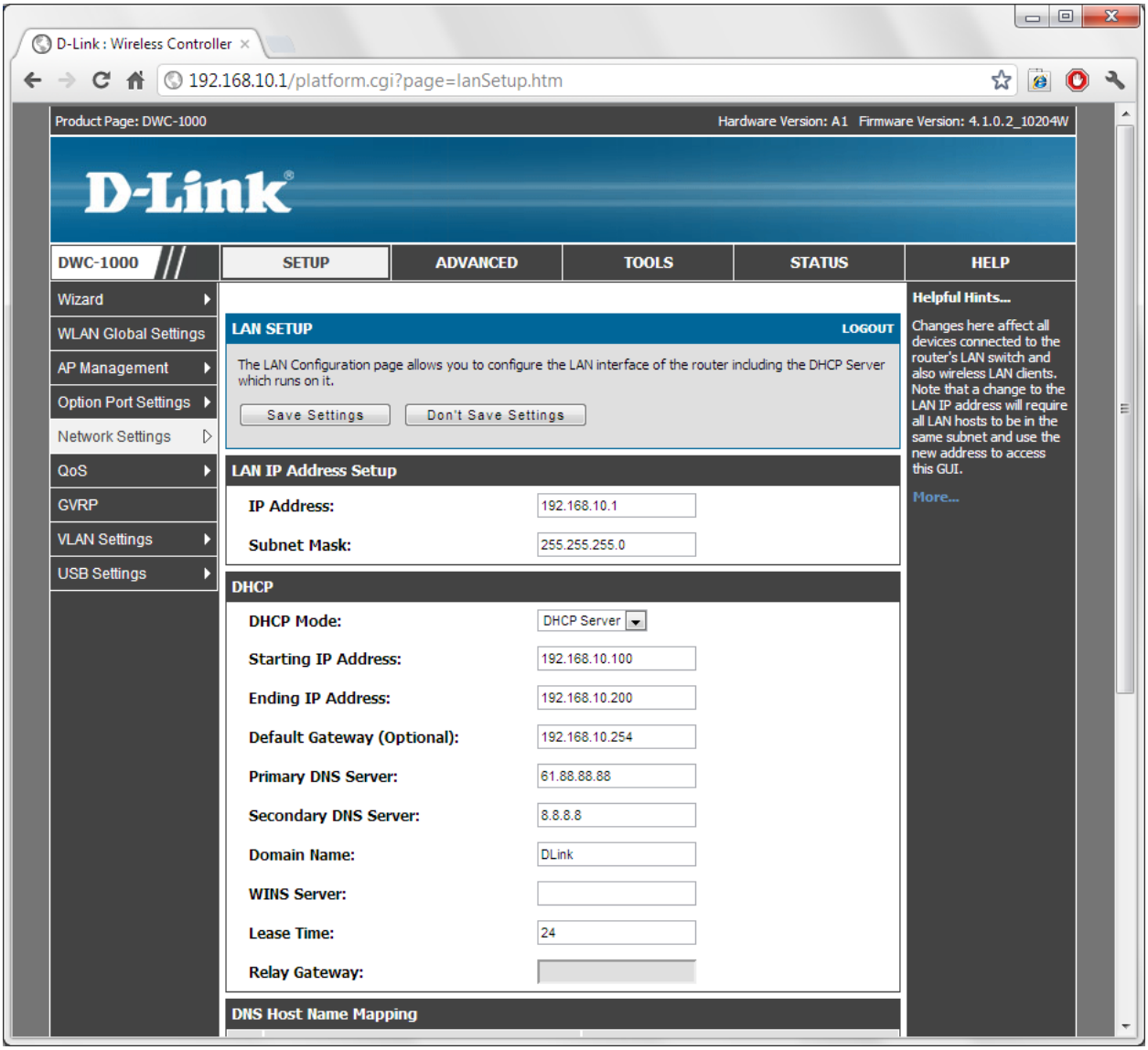
Default LAN IP: 192.168.10.1

Default username/password: admin/admin




Go to Setup > Network Settings > LAN Setup

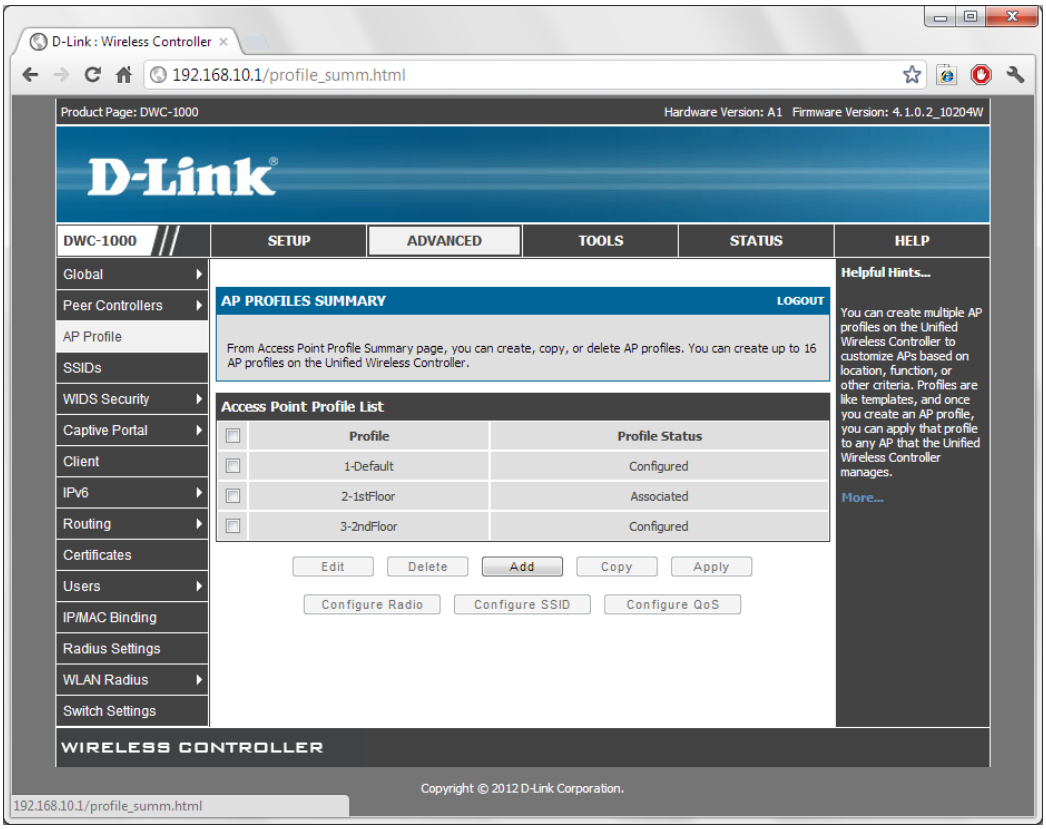
Set the controller's IP address. If there is no other DHCP server available on the LAN – enable DHCP server and specify the DHCP settings. Click on Save Settings.



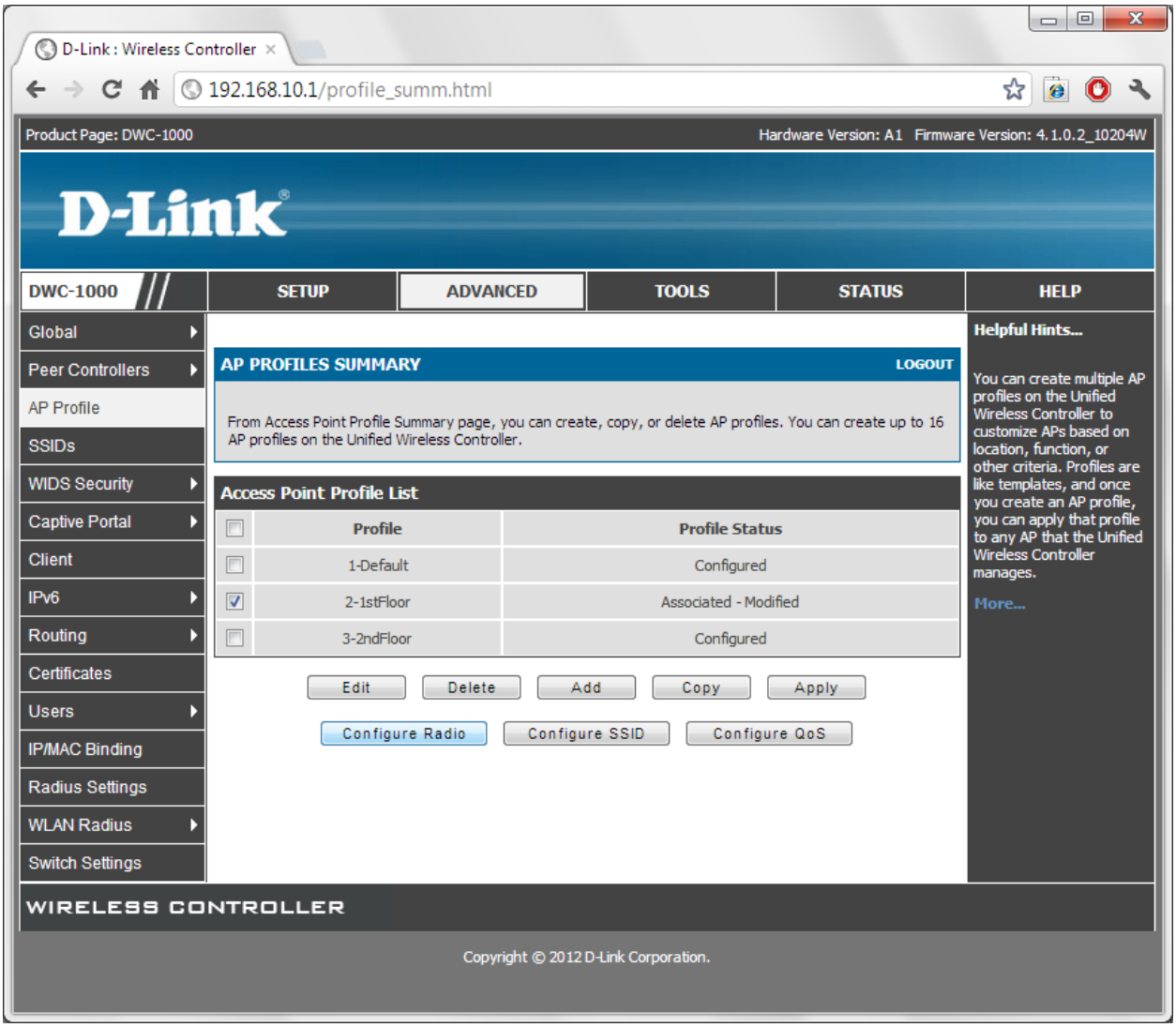
Go to AP Management > RF Management > RF Configuration.

Specify the Wi-Fi Channel and Power adjustment method (Fixed time, Interval, Manual) for each of the radio bands.

Go to Advanced > AP Profile. Click on Add to add a new Access Point configuration profile.



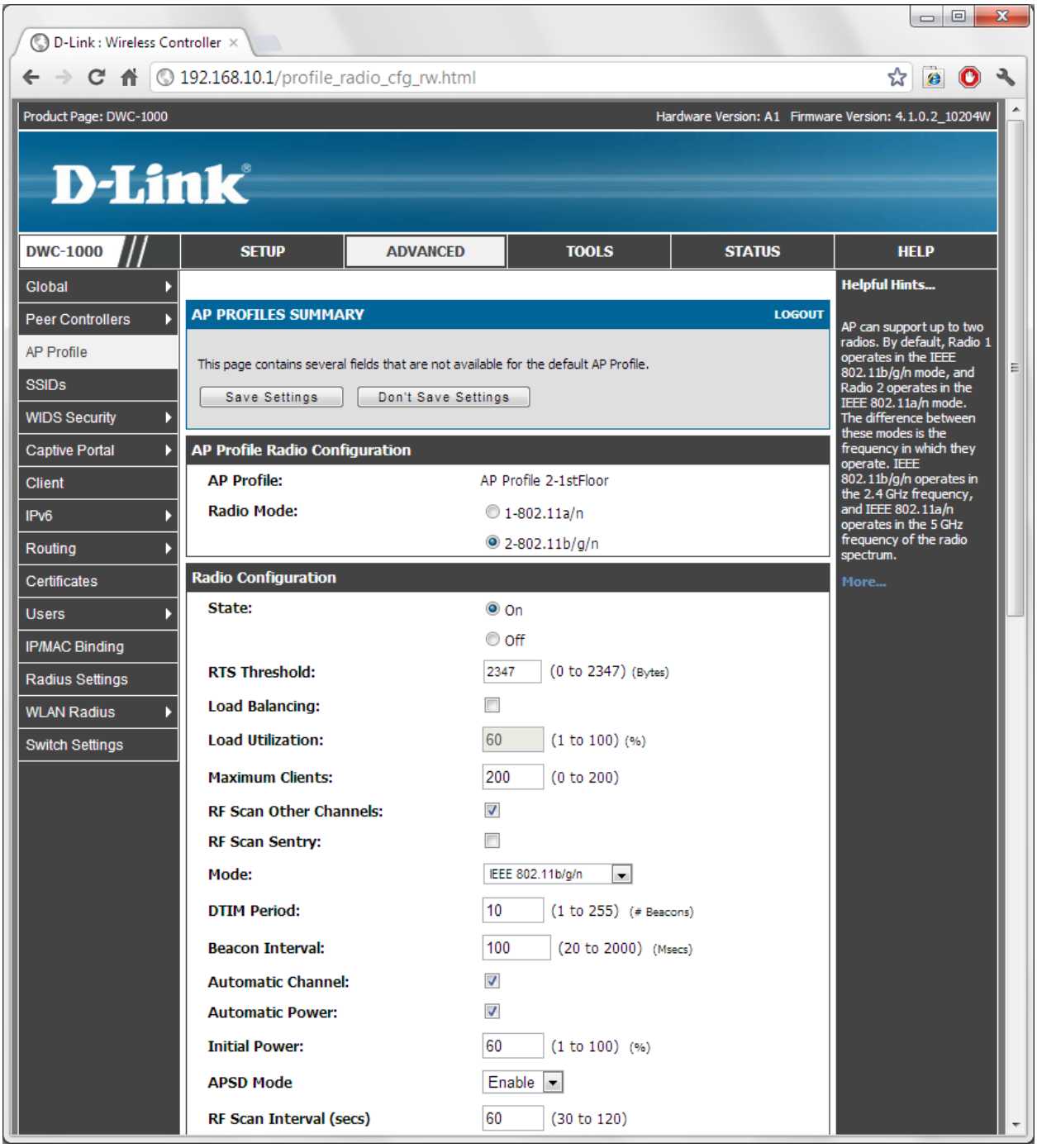
Select the required profile and click on Configure Radio.



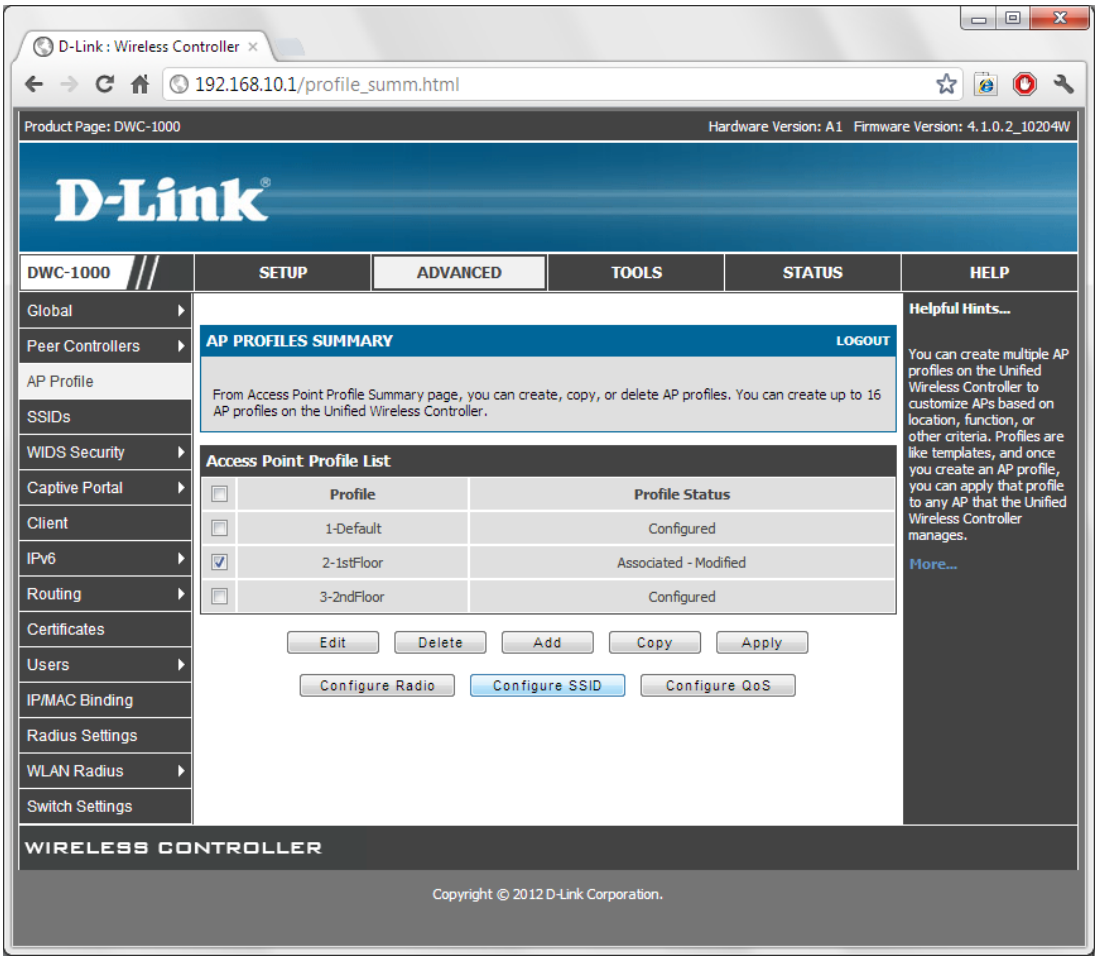

Set the radio settings for 802.11a/n radio band. Click on Save Settings.

Set the radio settings for 802.11b/g/n radio band. Save Settings.

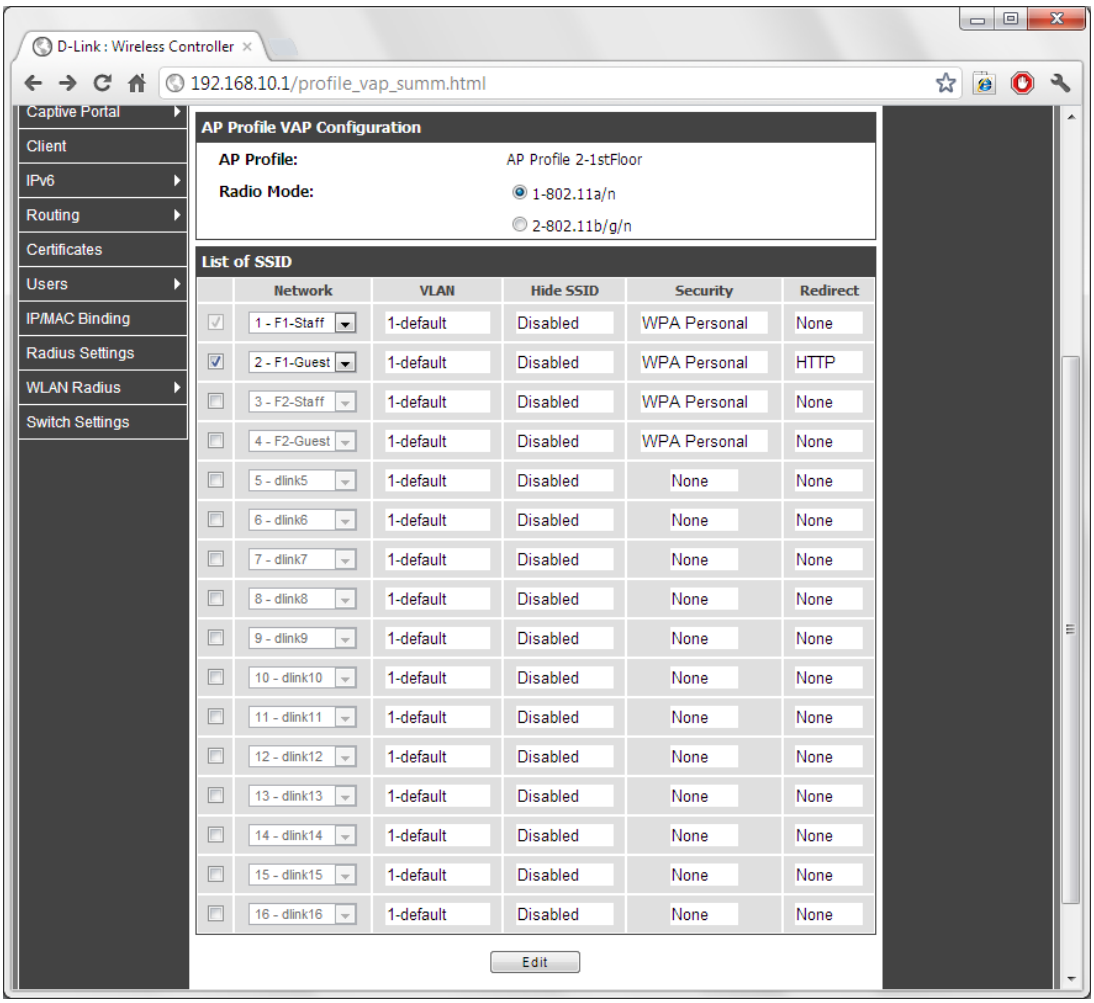
If you are planning to use the Auto-healing WLAN feature set the Initial Power to 60% on both bands.


D-Link : Wireless Controller
192.168.10.1/profile_radio_cfg_rw.html
Product Page: DWC-1000
Hardware Version: A1 Firmware Version: 4.1.0.2_10204W
D-Link
DWC-1000
SETUP
ADVANCED
TOOLS
STATUS
HELP
Global
Peer Controllers
AP Profile
SSIDs
WIDS Security
Captive Portal
Client
IPv6
Routing
Certificates
Users
IP/MAC Binding
Radius Settings
WLAN Radius
Switch Settings
AP PROFILES SUMMARY
LOGOUT
This page contains several fields that are not available for the default AP Profile.
Save Settings
Don't Save Settings
AP Profile Radio Configuration
AP Profile:
AP Profile 2-1stFloor
Radio Mode:
1-802.11a/n
2-802.11b/g/n
Radio Configuration
State:
On
Off
RTS Threshold:
2347
(0 to 2347) (Bytes)
Load Balancing:
Load Utilization:
60
(1 to 100) (%)
Maximum Clients:
200
(0 to 200)
RF Scan Other Channels:
RF Scan Sentry:
Mode:
IEEE 802.11b/g/n
DTIM Period:
10
(1 to 255) (# Beacons)
Beacon Interval:
100
(20 to 2000) (Msecs)
Automatic Channel:
Automatic Power:
Initial Power:
60
(1 to 100) (%)
APSD Mode
Enable
RF Scan Interval (secs)
60
(30 to 120)
Helpful Hints...
AP can support up to two radios. By default, Radio 1 operates in the IEEE 802.11b/g/n mode, and Radio 2 operates in the IEEE 802.11a/n mode. The difference between these modes is the frequency in which they operate. IEEE 802.11b/g/n operates in the 2.4 GHz frequency, and IEEE 802.11a/n operates in the 5 GHz frequency of the radio spectrum.
More...

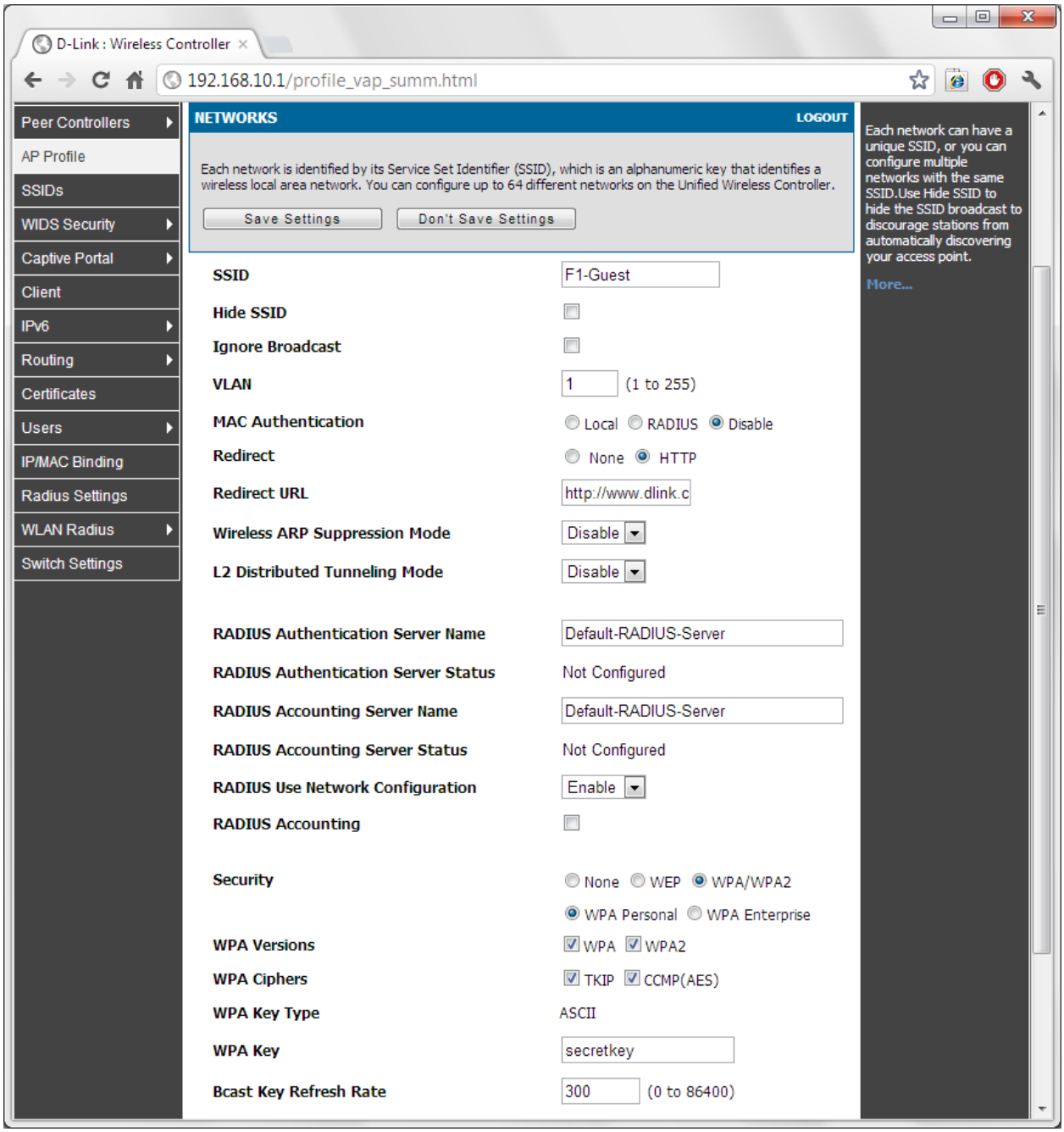
Select the required profile and click on Configure SSID.



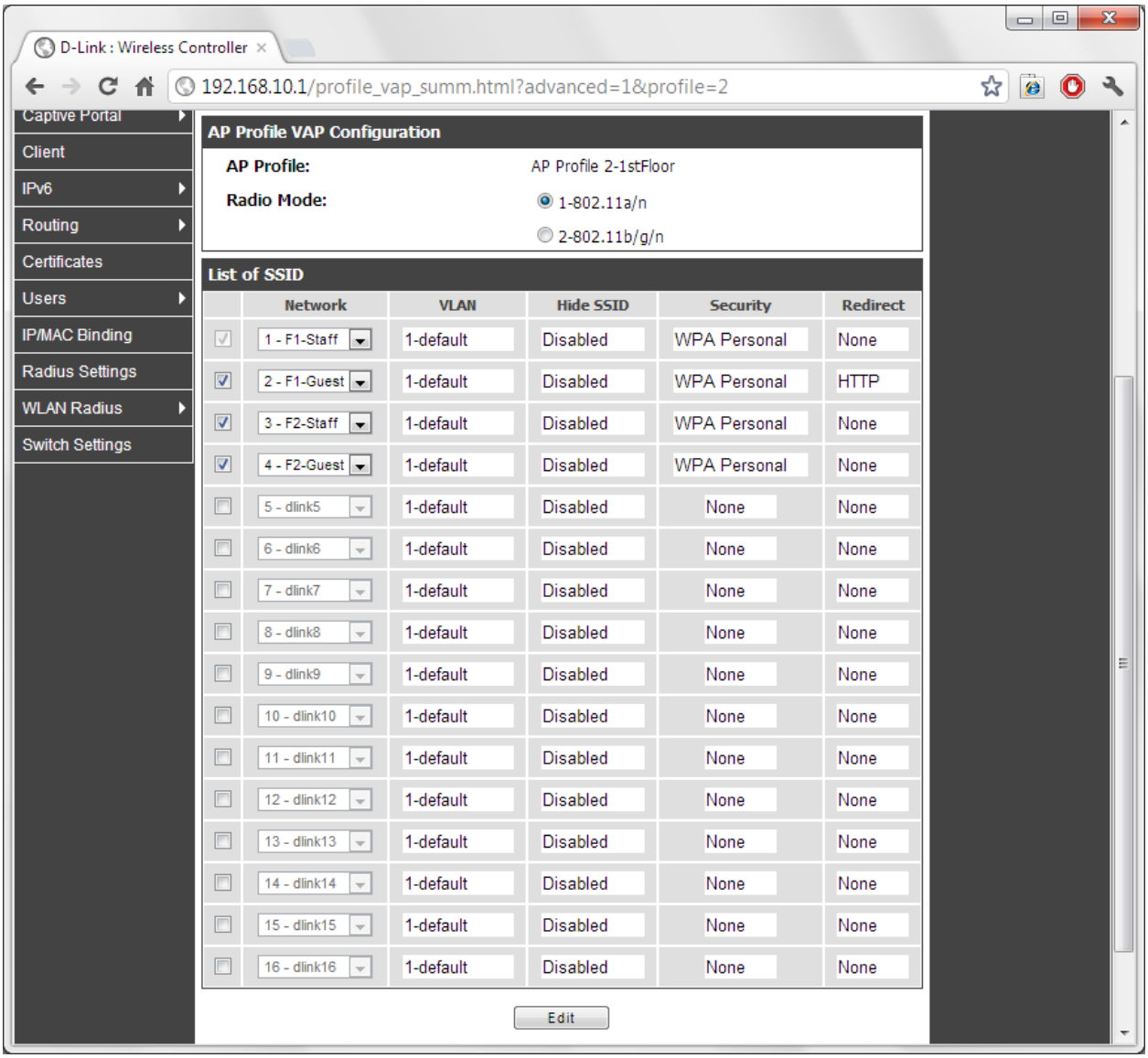

Select any SSID from the list and click on Edit.



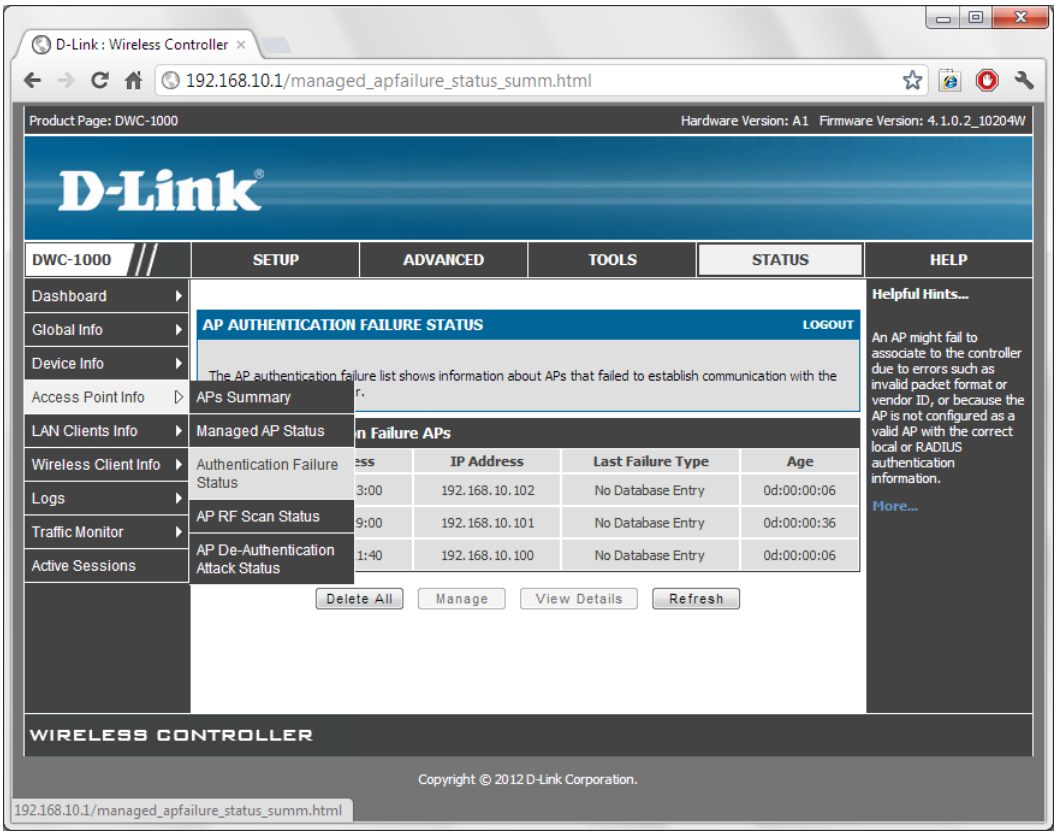
Modify the SSID name and enable the required security settings. Save Settings.



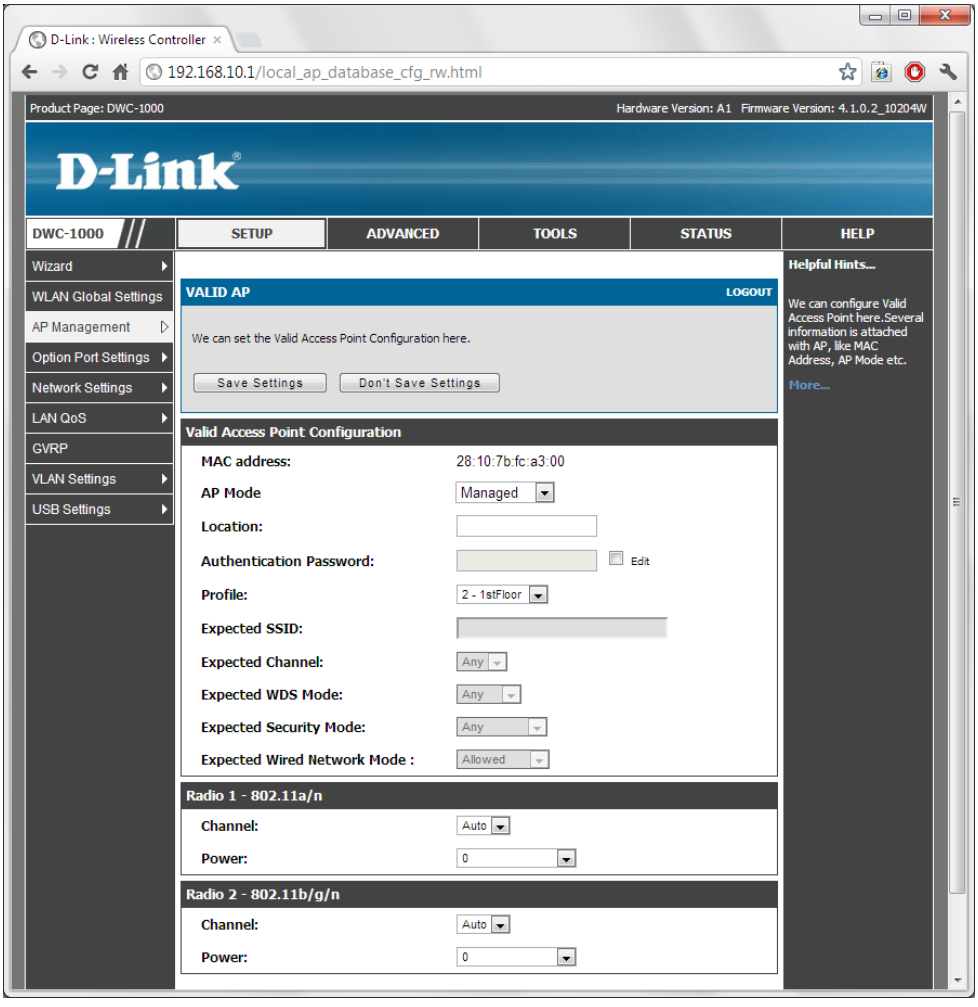

Repeat for other SSID's and leave the required SSID's selected in the AP profile.

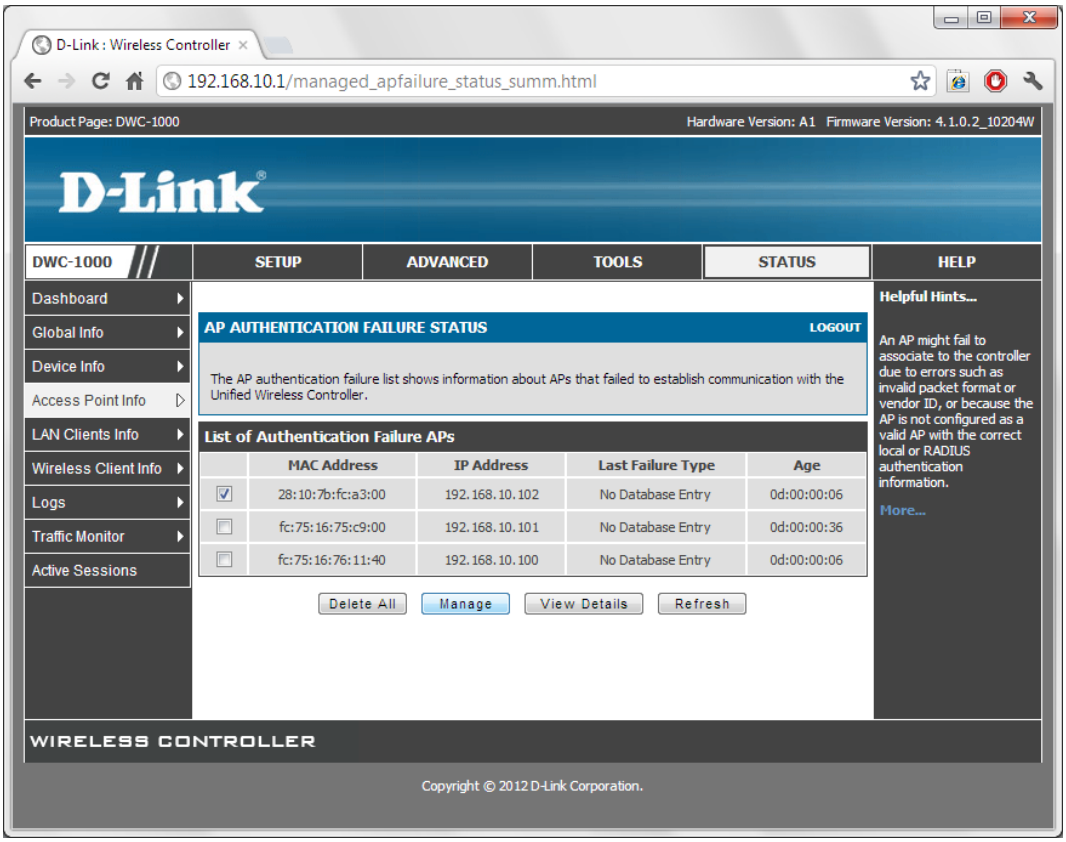

D-Link : Wireless Controller
192.168.10.1/profile_vap_summ.html?advanced=1&profile=2
Captive Portal
Client
IPv6
Routing
Certificates
Users
IP/MAC Binding
Radius Settings
WLAN Radius
Switch Settings
AP Profile VAP Configuration
AP Profile: AP Profile 2-1stFloor
Radio Mode: 1-802.11a/n
2-802.11b/g/n
List of SSID
Network VLAN Hide SSID Security Redirect
1 - F1-Staff 1-default Disabled WPA Personal None
2 - F1-Guest 1-default Disabled WPA Personal HTTP
3 - F2-Staff 1-default Disabled WPA Personal None
4 - F2-Guest 1-default Disabled WPA Personal None
5 - dlink5 1-default Disabled None None
6 - dlink6 1-default Disabled None None
7 - dlink7 1-default Disabled None None
8 - dlink8 1-default Disabled None None
9 - dlink9 1-default Disabled None None
10 - dlink10 1-default Disabled None None
11 - dlink11 1-default Disabled None None
12 - dlink12 1-default Disabled None None
13 - dlink13 1-default Disabled None None
14 - dlink14 1-default Disabled None None
15 - dlink15 1-default Disabled None None
16 - dlink16 1-default Disabled None None
Edit

Connect your Access Points to LAN. Go to Status > Access Point > Authentication Failure Status.




Select an AP and click Manage. Select the desired profile for the Access Point. Save Settings. Repeat for remaining AP's.




D-Link : Wireless Controller
192.168.10.1/managed_apfailure_status_summ.html
Product Page: DWC-1000
Hardware Version: A1 Firmware Version: 4.1.0.2_10204W
D-Link
DWC-1000
SETUP
ADVANCED
TOOLS
STATUS
HELP
Dashboard
Global Info
Device Info
Access Point Info
LAN Clients Info
Wireless Client Info
Logs
Traffic Monitor
Active Sessions
AP AUTHENTICATION FAILURE STATUS
LOGOUT
The AP authentication failure list shows information about APs that failed to establish communication with the Unified Wireless Controller.
List of Authentication Failure APs
MAC Address
IP Address
Last Failure Type
Age
28:10:7b:fc:a3:00
192.168.10.102
No Database Entry
0d:00:00:06
fc:75:16:75:c9:00
192.168.10.101
No Database Entry
0d:00:00:36
fc:75:16:76:11:40
192.168.10.100
No Database Entry
0d:00:00:06
Delete All
Manage
View Details
Refresh
Helpful Hints...
An AP might fail to associate to the controller due to errors such as invalid packet format or vendor ID, or because the AP is not configured as a valid AP with the correct local or RADIUS authentication information.
More...
WIRELESS CONTROLLER
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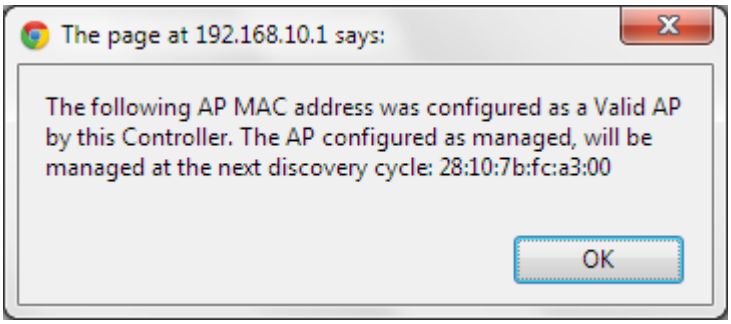
The page at 192.168.10.1 says:
The following AP MAC address was configured as a Valid AP by this Controller. The AP configured as managed, will be managed at the next discovery cycle: 28:10:7b:fc:a3:00
OK

The list of managed AP's can be seen under Access Point Info > Managed AP Status.

~ End of document