

Une de nos premières étapes lors du début de la SAE a été de configurer les deux bornes Linksys en tant que points d'accès WiFi.

Configuration de la borne du magasin :

The screenshot shows the dd-wrt.com control panel for a router named 'magasin5' (build 44715). The browser address bar shows '192.168.1.1/index.asp'. The top navigation bar includes tabs for Setup, Wireless, Services, Security, Access Restrictions, NAT / QoS, Administration, and Status. The 'Setup' tab is active, and the 'Basic Setup' sub-tab is selected.

WAN Setup

WAN Connection Type

Connection Type: Automatic Configuration - DHCP (dropdown menu)
Ignore WAN DNS: ☐

Optional Settings

Router Name: magasin5
Hostname:
Domain Name:
MTU: Auto (dropdown menu) 1500
Shortcut Forwarding Engine: ☒ Enable ☐ Disable
STP: ☐ Enable ☒ Disable

Network Setup

Router IP

Local IP Address: 130 . 5 . 40 . 1
Subnet Mask: 255 . 255 . 255 . 0
Gateway: 0 . 0 . 0 . 0
Local DNS: 0 . 0 . 0 . 0

Network Address Server Settings (DHCP)

DHCP Type: DHCP Server (dropdown menu)
DHCP Server: ☒ Enable ☐ Disable
Start IP Address: 130 . 5 . 40 . 100
Maximum DHCP Users: 50
Client Lease Expiration: 1440 min
Static DNS 1: 0 . 0 . 0 . 0

Help more...

Automatic Configuration - DHCP:
This setting is most commonly used by cable operators.

Hostname:
Enter the hostname provided by your ISP.

Domain Name:
Enter the domain name provided by your ISP.

Local IP Address:
This is the LAN-side IP address of the router.

Subnet Mask:
This is the subnet mask of the router.

DHCP Server:
Allows the router to manage your IP addresses.

Start IP Address:
The address you would like to start with.

Maximum DHCP Users:
You may limit the number of addresses your router hands out. 0 means only predefined static leases will be handed out.

Time Settings:
Choose the time you are in an summer time (DST) period. The router can use local time or UTC time.

130.5.40.1/Wireless_Basic.asp

dd-wrt.com ... control panel

Firmware: DD-WRT v3.0-r44715 micro (11/03/20)
Time: 01:07:40 up 7 min, load average: 0.20, 0.10, 0.02
WAN IP: 0.0.0.0

Setup **Wireless** Services Security Access Restrictions NAT / QoS Administration Status

Basic Settings Radius **Wireless Security** MAC Filter Advanced Settings WDS

Wireless Interface wl0 [2.4 GHz]

Physical Interface wl0 - SSID [magasin5] HWAddr [30:23:03:8B:CE:02]

Wireless Mode: AP

Wireless Network Mode: Mixed

Wireless Network Name (SSID): magasin5

Wireless Channel: 6 - 2.437 GHz

Wireless SSID Broadcast: ☒ Enable ☐ Disable

Sensitivity Range (ACK Timing): 500 (Default: 500 meters)

Network Configuration: ☐ Unbridged ☒ Bridged

Copy Paste

Virtual Interfaces

Add Virtual AP

Save Apply Settings Cancel Changes

Help more...

Attention: It is recommended that you press **Apply Settings** after you change a value in order to update the fields with the corresponding parameters.

magasin5 (build 44715) - Wireless S...

130.5.40.1/WL_WPAtable.asp

dd-wrt.com ... control panel

Firmware: DD-WRT v3.0-r44715 micro (11/03/20)
Time: 01:08:02 up 8 min, load average: 0.21, 0.11, 0.02
WAN IP: 0.0.0.0

Setup **Wireless** Services Security Access Restrictions NAT / QoS Administration Status

Basic Settings Radius **Wireless Security** MAC Filter Advanced Settings WDS

Wireless Security wl0

Physical Interface wl0 SSID [magasin5] HWAddr [30:23:03:8B:CE:02]

Security Mode: WPA2-PSK

WPA Algorithms: TKIP+CCMP (AES)

WPA Shared Key: ☐ Unmask

Key Renewal Interval (in seconds): 3600

Save Apply Settings

Help more...

Security Mode:
You may choose from Disable, WEP, WPA Personal, WPA Enterprise, or RADIUS. All devices on your network must use the same security mode. With N-Mode you must use WPA2/AES.

Ensuite nous avons effectué la configuration de la borne linksys du showroom:

showroom5 (build 14896) - Setu X

200.5.40.1/index.asp

Firmware: DD-WRT v24-sp2 (08/07/10) std
Time: 02:18:23 up 2:18, load average: 0.11, 0.13, 0.06
WAN IP: 0.0.0.0

dd-wrt.com ... control panel

SetupWirelessServicesSecurityAccess RestrictionsNAT / QoSAdministrationStatus

Basic SetupDDNSMAC Address CloneAdvanced RoutingVLANsNetworkingEoIP Tunnel

WAN Setup

Helpmore...

WAN Connection Type

Connection TypeAutomatic Configuration - DHCP
STP☐ Enable ☒ Disable

Optional Settings

Router Nameshowroom5
Host Name
Domain Name
MTUAuto1500

Network Setup

Router IP

Local IP Address200.5.40.1
Subnet Mask255.255.255.0
Gateway200.5.40.255
Local DNS0.0.0.0

Network Address Server Settings (DHCP)

DHCP TypeDHCP Server
DHCP Server☒ Enable ☐ Disable
Start IP Address200.5.40.100

Automatic Configuration - DHCP:

This setting is most commonly used by Cable operators.

Host Name:

Enter the host name provided by your ISP.

Domain Name:

Enter the domain name provided by your ISP.

Local IP Address:

This is the address of the router.

Subnet Mask:

This is the subnet mask of the router.

DHCP Server:

Allows the router to manage your IP addresses.

Start IP Address:

The address you would like to start with.

Maximum DHCP Users:

You may limit the number of addresses your router hands out. 0 means only predefined static leases will be handed out.

showroom5 (build 14896) - Wire X

200.5.40.1/Wireless_Basic.asp

Firmware: DD-WRT v24-sp2 (08/07/10) std
Time: 02:18:59 up 2:19, load average: 0.06, 0.11, 0.06
WAN IP: 0.0.0.0

dd-wrt.com ... control panel

SetupWirelessServicesSecurityAccess RestrictionsNAT / QoSAdministrationStatus

Basic SettingsRadiusWireless SecurityMAC FilterAdvanced SettingsWDS

Wireless Physical Interface wl0

Helpmore...

Physical Interface wl0 - SSID [showroom5] HWAddr [C0:56:27:19:B3:CE]

Wireless ModeAP
Wireless Network ModeMixed
Wireless Network Name (SSID)showroom5
Wireless Channel6 - 2.437 GHz
Wireless SSID Broadcast☒ Enable ☐ Disable
Sensitivity Range (ACK Timing)2000 (Default: 2000 meters)
Network Configuration☐ Unbridged ☒ Bridged

Virtual Interfaces

Add

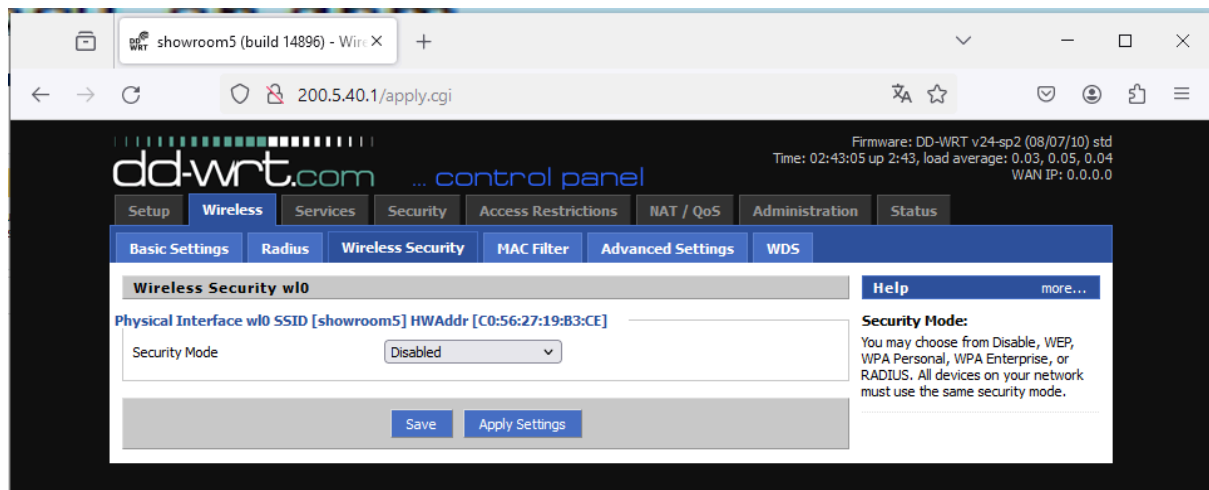
Wireless Network Mode:

If you wish to exclude Wireless-G clients, choose *B-Only* mode. If you would like to disable wireless access, choose *Disable*.
Note : when changing wireless mode, some advanced parameters are susceptible to be modified ("Afterburner", "Basic Rate" or "Frame Burst").

Sensitivity Range:

Adjusts the ack timing. 0 disables ack timing completely for broadcom firmwares. On Atheros based firmwares it will turn into auto ack timing mode

SaveApply SettingsCancel Changes



Nous avons décidé de ne pas mettre de sécurité sur la borne linksys du showroom car elle sera reliée au portail captif sur lequel il faudra se connecter pour avoir accès au réseau.