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# Technote

## EnGenius EOC serie

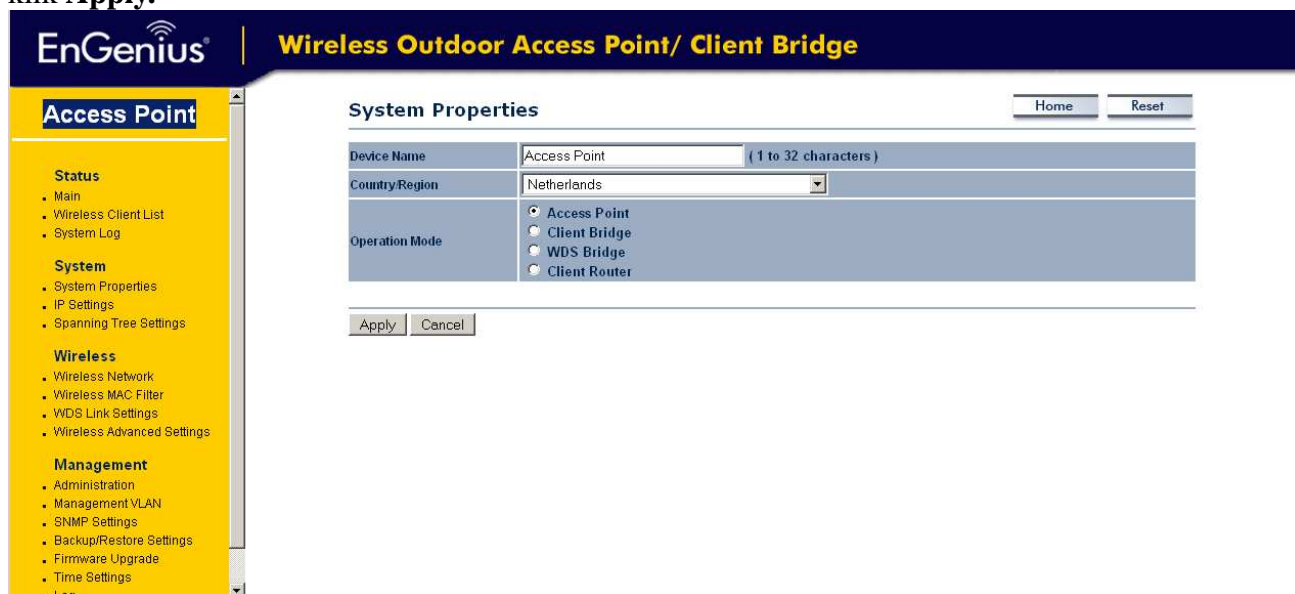


### Configuratie Point to Point

Datum: 14-07-2010  
Versie: 1.0

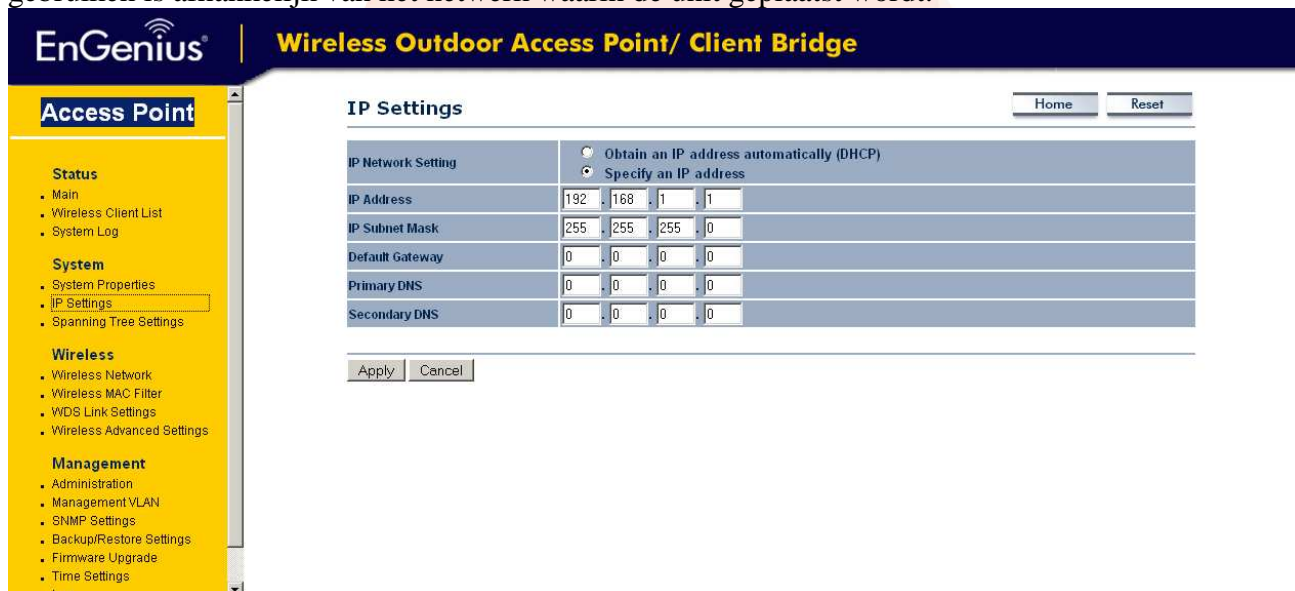
## Access Point instellingen (zender)

Login op het default IP adres **192.168.1.1** met gebruikersnaam: **admin** en wachtwoord: **admin**  
Klik op **System Properties** en stel de landcode in en kies in de keuzelijst voor optie **Access Point** en klik **Apply**.



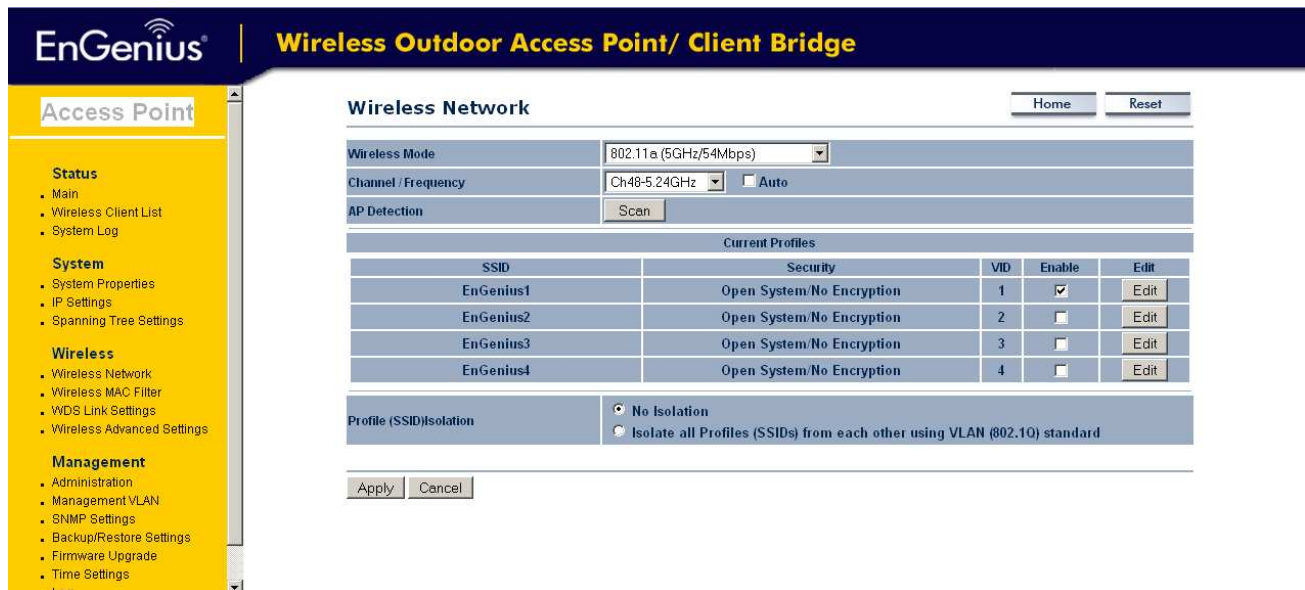
The screenshot shows the 'System Properties' configuration page. The left sidebar is titled 'Access Point' and lists various settings categories: Status, System, Wireless, and Management. The main content area is titled 'System Properties' and includes a 'Home' and 'Reset' button. The 'Device Name' field is set to 'Access Point' (1 to 32 characters). The 'Country/Region' dropdown is set to 'Netherlands'. The 'Operation Mode' radio buttons are set to 'Access Point'. At the bottom, there are 'Apply' and 'Cancel' buttons.

Klik op **IP Settings** in het linker menu om het IP adres aan te passen. Het IP adres welke u kunt gebruiken is afhankelijk van het netwerk waarin de unit geplaatst wordt.



The screenshot shows the 'IP Settings' configuration page. The left sidebar is titled 'Access Point' and lists various settings categories: Status, System, Wireless, and Management. The main content area is titled 'IP Settings' and includes a 'Home' and 'Reset' button. The 'IP Network Setting' section has two radio buttons: 'Obtain an IP address automatically (DHCP)' (selected) and 'Specify an IP address'. The 'IP Address' field is set to '192 . 168 . 1 . 1'. The 'IP Subnet Mask' field is set to '255 . 255 . 255 . 0'. The 'Default Gateway' field is set to '0 . 0 . 0 . 0'. The 'Primary DNS' field is set to '0 . 0 . 0 . 0'. The 'Secondary DNS' field is set to '0 . 0 . 0 . 0'. At the bottom, there are 'Apply' and 'Cancel' buttons.

Kies in het linker menu voor Wireless Network.



**Wireless Network** Home Reset

Wireless Mode: 802.11a (5GHz/54Mbps)  
Channel / Frequency: Ch48-5.24GHz  Auto  
AP Detection: Scan

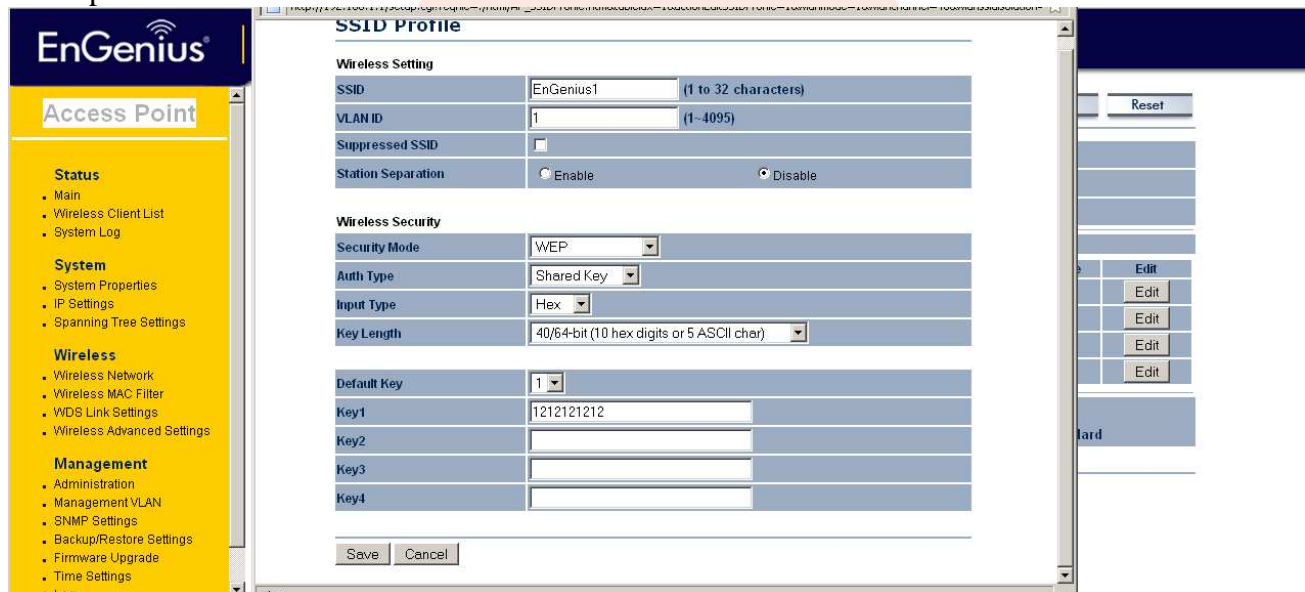
SSID	Security	VID	Enable	Edit
EnGenius1	Open System/No Encryption	1	<input checked="" type="checkbox"/>	Edit
EnGenius2	Open System/No Encryption	2	<input type="checkbox"/>	Edit
EnGenius3	Open System/No Encryption	3	<input type="checkbox"/>	Edit
EnGenius4	Open System/No Encryption	4	<input type="checkbox"/>	Edit

Profile (SSID) isolation:  No Isolation  
 Isolate all Profiles (SSIDs) from each other using VLAN (802.1Q) standard

Apply Cancel

Selecteer bij Wireless Mode de band waarop u wilt gaan uitzenden.  
Selecteer bij Channel het kanaal waarop u zal gaan uitzenden.

Klik op de edit button van het eerste SSID



**SSID Profile** Reset

Wireless Setting

SSID: EnGenius1 (1 to 32 characters)  
VLAN ID: 1 (1-4095)  
Suppressed SSID:   
Station Separation:  Enable  Disable

Wireless Security

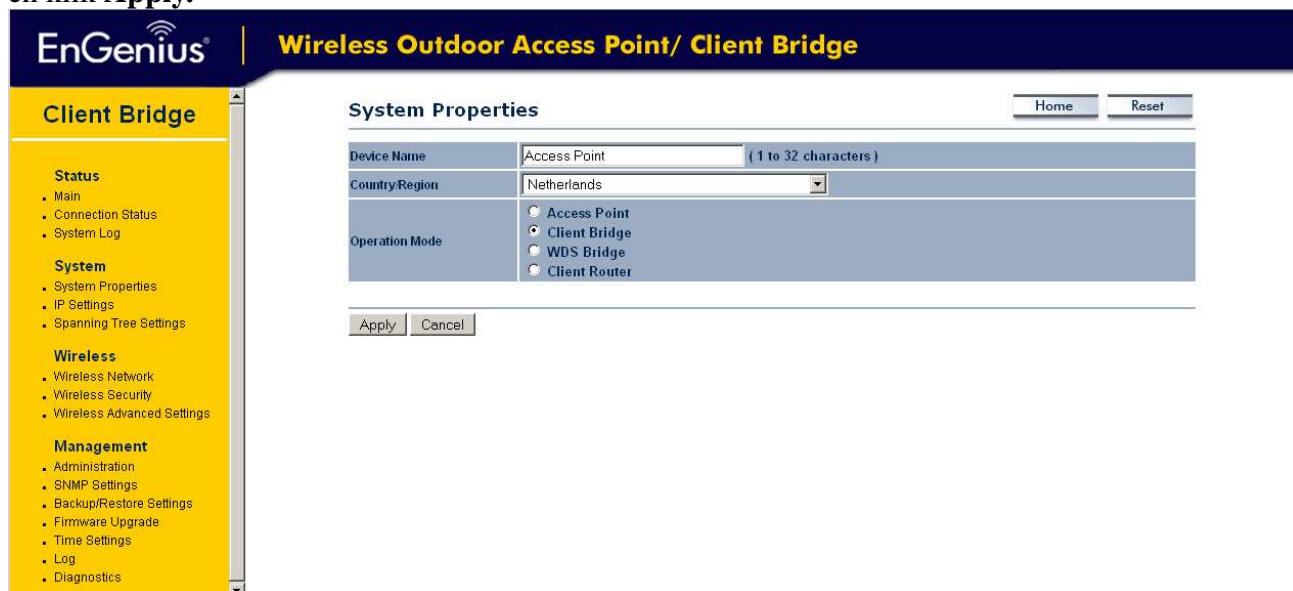
Security Mode: WEP  
Auth Type: Shared Key  
Input Type: Hex  
Key Length: 40/64-bit (10 hex digits or 5 ASCII char)  
Default Key: 1  
Key1: 1212121212  
Key2:   
Key3:   
Key4:   
Save Cancel

Onder wireless settings vult u een SSID in en wanneer nodig het Vlan ID.  
Onder wireless security kiest u voor de gewenste security sterkte.

Klik op Save. Vervolgens onder de profile list nogmaals op Apply om de settings door te voeren.

## Client Bridge instellingen (ontvanger)

Login op het default IP adres **192.168.1.1** met gebruikersnaam: **admin** en wachtwoord: **admin**  
Klik op **System Properties** en stel de landcode in en kies in de keuzelijst voor optie **Client Bridge** en klik **Apply**.

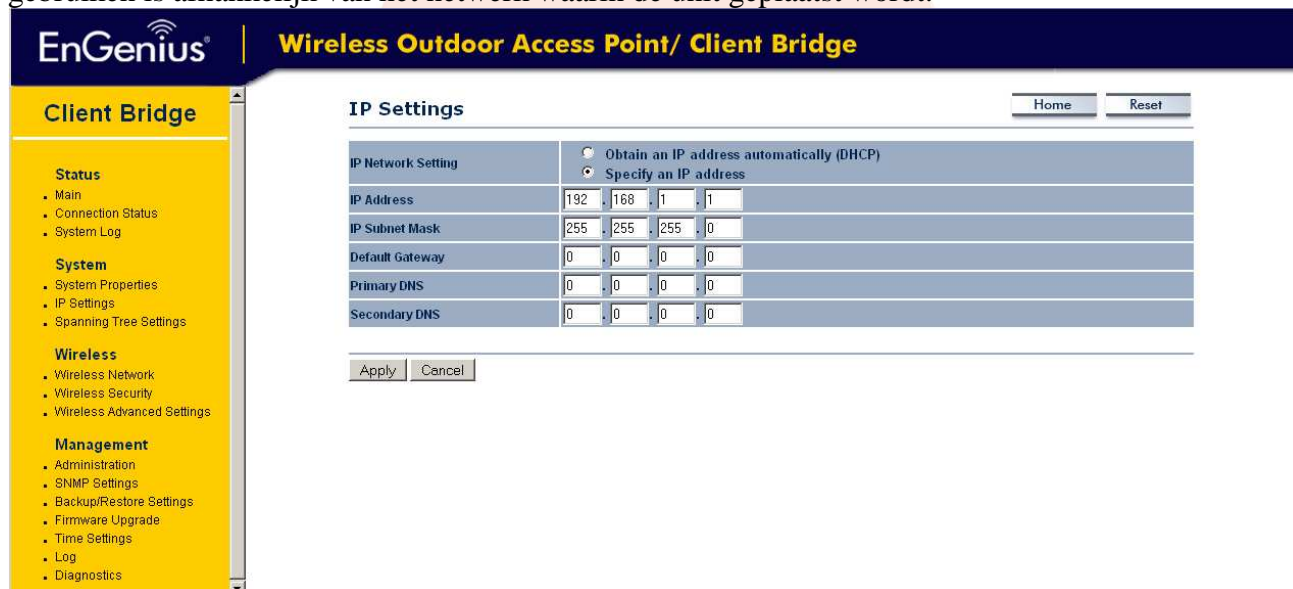


The screenshot shows the 'System Properties' configuration page in the EnGenius web interface. The left sidebar is set to 'Client Bridge'. The main content area has 'System Properties' selected, with 'Home' and 'Reset' buttons at the top right. The configuration table is as follows:

Device Name	Access Point	( 1 to 32 characters )
Country/Region	Netherlands	
Operation Mode	<input type="radio"/> Access Point <input checked="" type="radio"/> Client Bridge <input type="radio"/> WDS Bridge <input type="radio"/> Client Router	

At the bottom of the configuration area are 'Apply' and 'Cancel' buttons.

Klik op IP Settings in het linker menu om het IP adres aan te passen. Het IP adres welke u kunt gebruiken is afhankelijk van het netwerk waarin de unit geplaatst wordt.

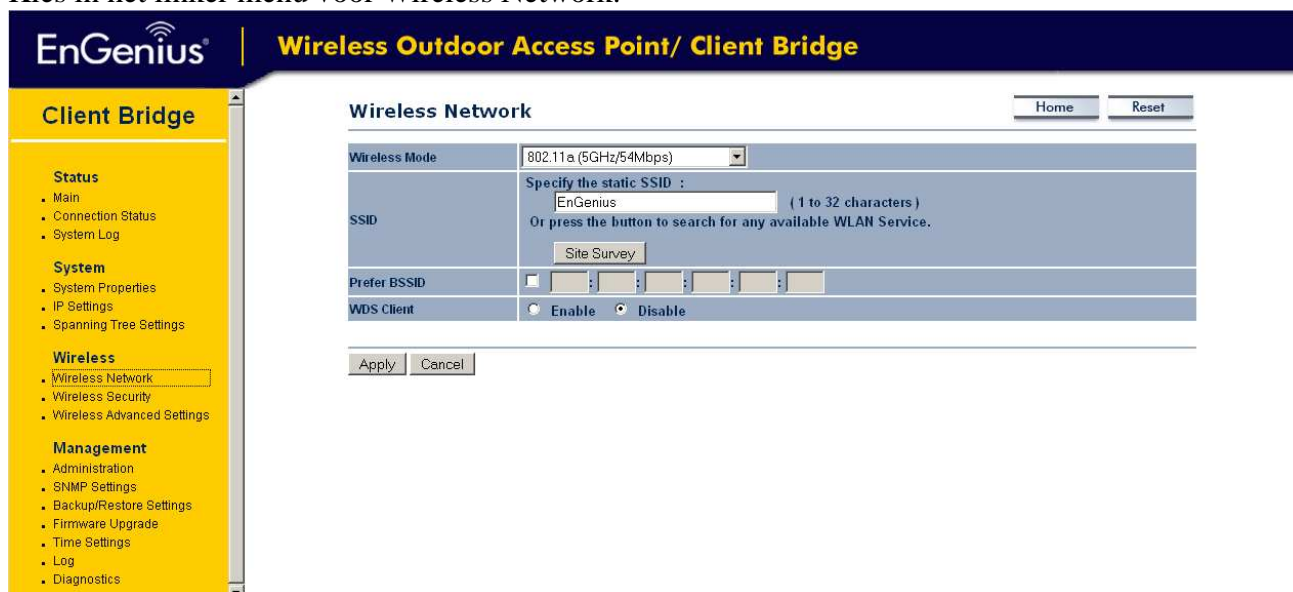


The screenshot shows the 'IP Settings' configuration page in the EnGenius web interface. The left sidebar is set to 'Client Bridge'. The main content area has 'IP Settings' selected, with 'Home' and 'Reset' buttons at the top right. The configuration table is as follows:

IP Network Setting	<input type="radio"/> Obtain an IP address automatically (DHCP) <input checked="" type="radio"/> Specify an IP address			
IP Address	192	168	1	1
IP Subnet Mask	255	255	255	0
Default Gateway	0	0	0	0
Primary DNS	0	0	0	0
Secondary DNS	0	0	0	0

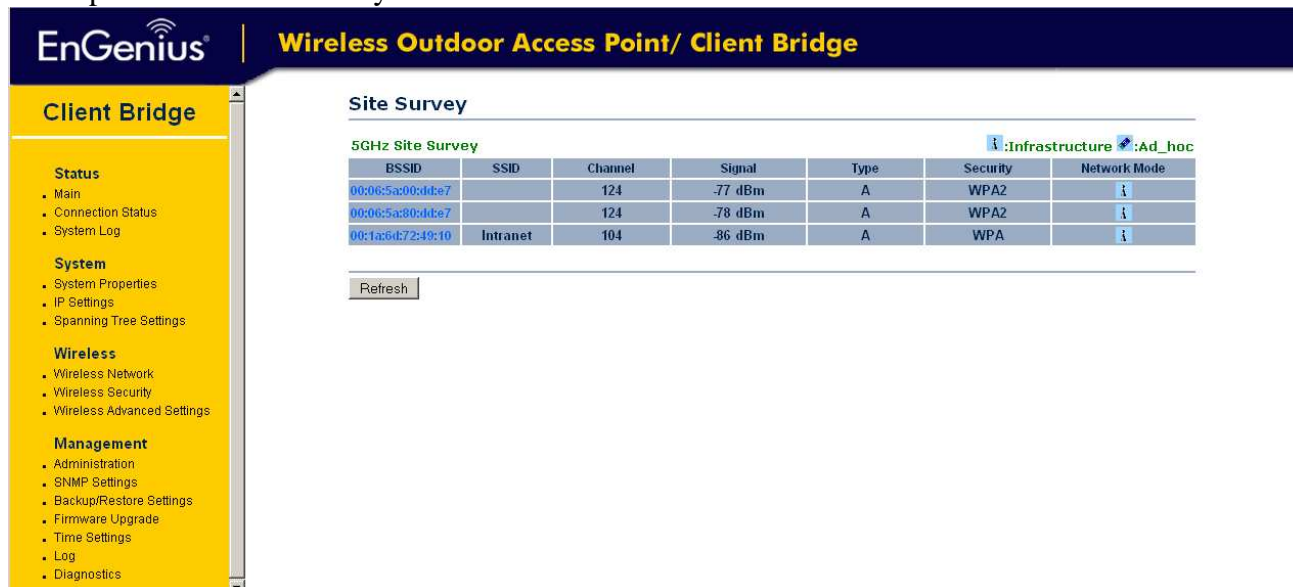
At the bottom of the configuration area are 'Apply' and 'Cancel' buttons.

Kies in het linker menu voor Wireless Network.



The screenshot shows the EnGenius web interface for configuring a Wireless Network. The left sidebar is titled 'Client Bridge' and contains a tree view with categories: Status (Main, Connection Status, System Log), System (System Properties, IP Settings, Spanning Tree Settings), Wireless (Wireless Network, Wireless Security, Wireless Advanced Settings), and Management (Administration, SNMP Settings, Backup/Restore Settings, Firmware Upgrade, Time Settings, Log, Diagnostics). The 'Wireless Network' option is highlighted. The main content area is titled 'Wireless Network' and includes a 'Home' and 'Reset' button. Below this, there are several configuration fields: 'Wireless Mode' set to '802.11a (5GHz/54Mbps)', 'SSID' set to 'EnGenius' with a 'Site Survey' button, 'Prefer BSSID' checked, and 'WDS Client' set to 'Disable'. 'Apply' and 'Cancel' buttons are at the bottom.

Klik op de button Site Survey.



The screenshot shows the EnGenius web interface for the Site Survey page. The left sidebar is the same as in the previous screenshot, but 'Wireless Network' is now selected. The main content area is titled 'Site Survey' and includes a 'Refresh' button. Below this, there is a table titled '5GHz Site Survey' with columns: BSSID, SSID, Channel, Signal, Type, Security, and Network Mode. The table contains three rows of data. The first two rows have BSSIDs '00:06:5a:00:0d:e7' and '00:06:5a:80:0d:e7' and are marked as 'Ad\_hoc'. The third row has BSSID '00:1a:6d:72:49:10', SSID 'Intranet', and is marked as 'Infrastructure'.

BSSID	SSID	Channel	Signal	Type	Security	Network Mode
00:06:5a:00:0d:e7		124	-77 dBm	A	WPA2	i Ad_hoc
00:06:5a:80:0d:e7		124	-78 dBm	A	WPA2	i Ad_hoc
00:1a:6d:72:49:10	Intranet	104	-86 dBm	A	WPA	i Infrastructure

In de lijst welke nu zichtbaar wordt zal het netwerk terug komen wat reeds is geconfigureerd. Klik op het BSSID om het netwerk te selecteren.



Geef vervolgens de betreffende beveiliging op waarop het Access Point is ingesteld. Klik vervolgens op Apply, de verbinding wordt nu tot stand gebracht.

**EnGenius®** | **Wireless Outdoor Access Point/ Client Bridge**

**Client Bridge**

- Status
  - Main
  - Connection Status
  - System Log
- System
  - System Properties
  - IP Settings
  - Spanning Tree Settings
- Wireless
  - Wireless Network
  - Wireless Security
  - Wireless Advanced Settings
- Management
  - Administration
  - SNMP Settings
  - Backup/Restore Settings
  - Firmware Upgrade
  - Time Settings
  - Log
  - Diagnostics

**Wireless Security** Home Reset

Changing the wireless security settings may cause this wireless client to associate with a different one. This may temporarily disrupt your configuration session.

Security Mode	WEP
Auth Type	Open System
Input Type	Hex
Key Length	40/64-bit (10 hex digits or 5 ASCII char)
Default Key	1
Key1	
Key2	
Key3	
Key4	

Apply Cancel