

EnStation5 장거리 인터넷 전송 WDS Access Point(수신단) 설정 매뉴얼



➤수신AP 를 먼저 설정 후 발신AP 를 설정하세요

BOSSTEL



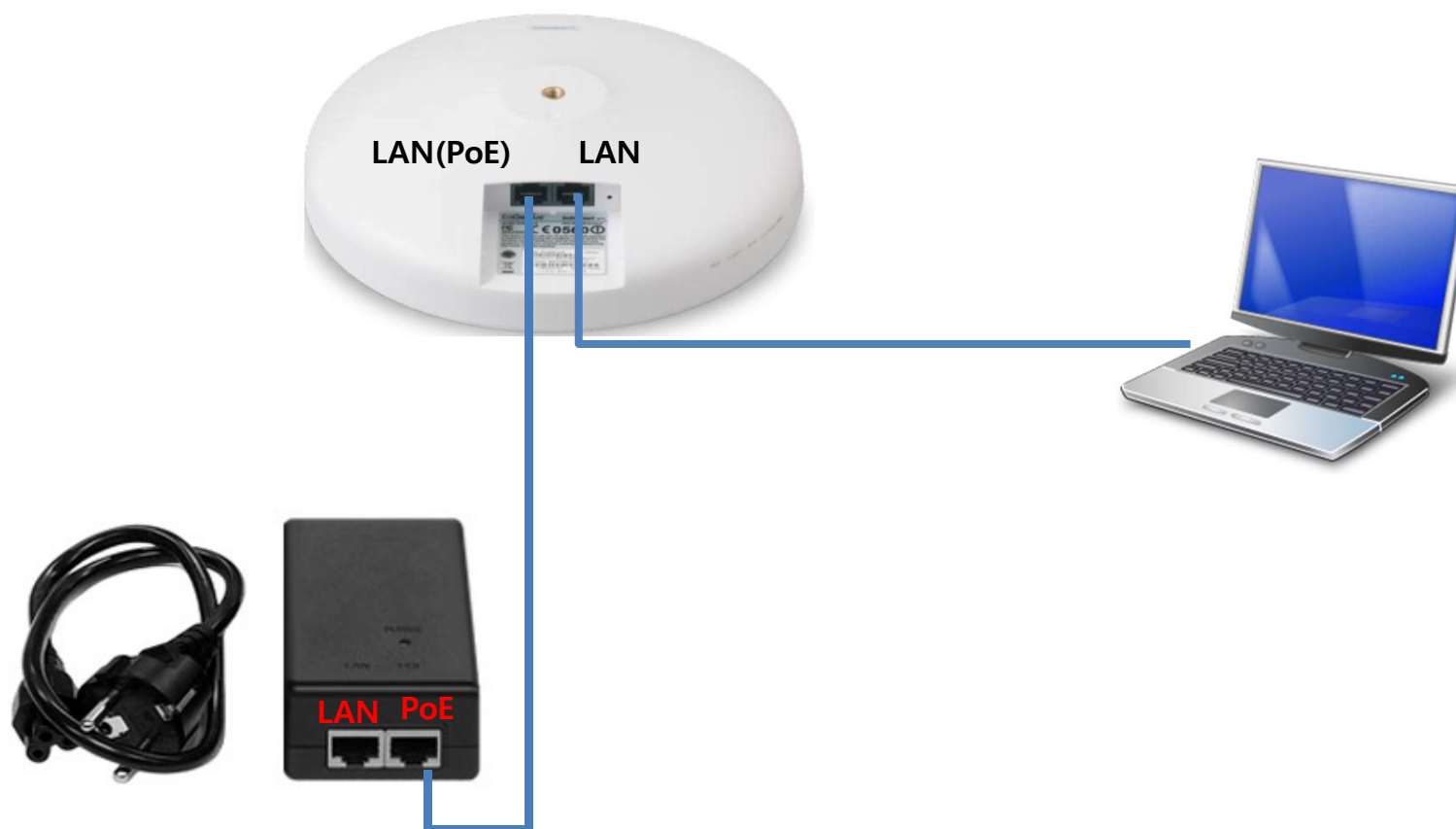
BOSSTEL KOREA

BOSSTEL KOREA Co., Ltd.

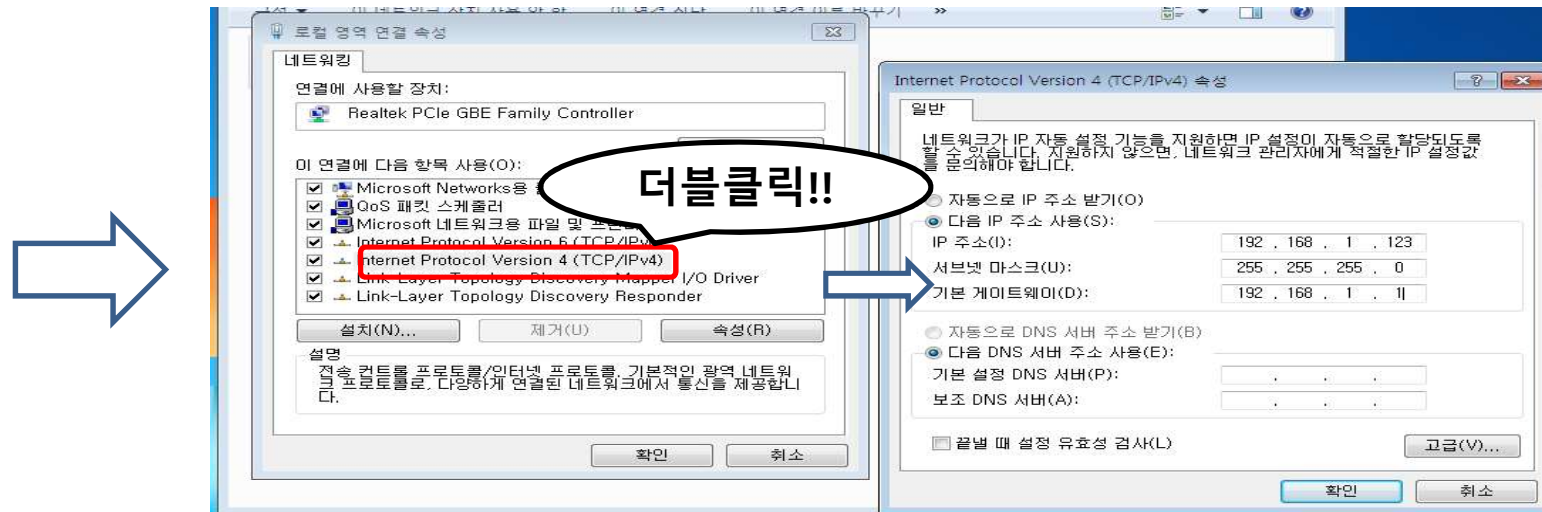
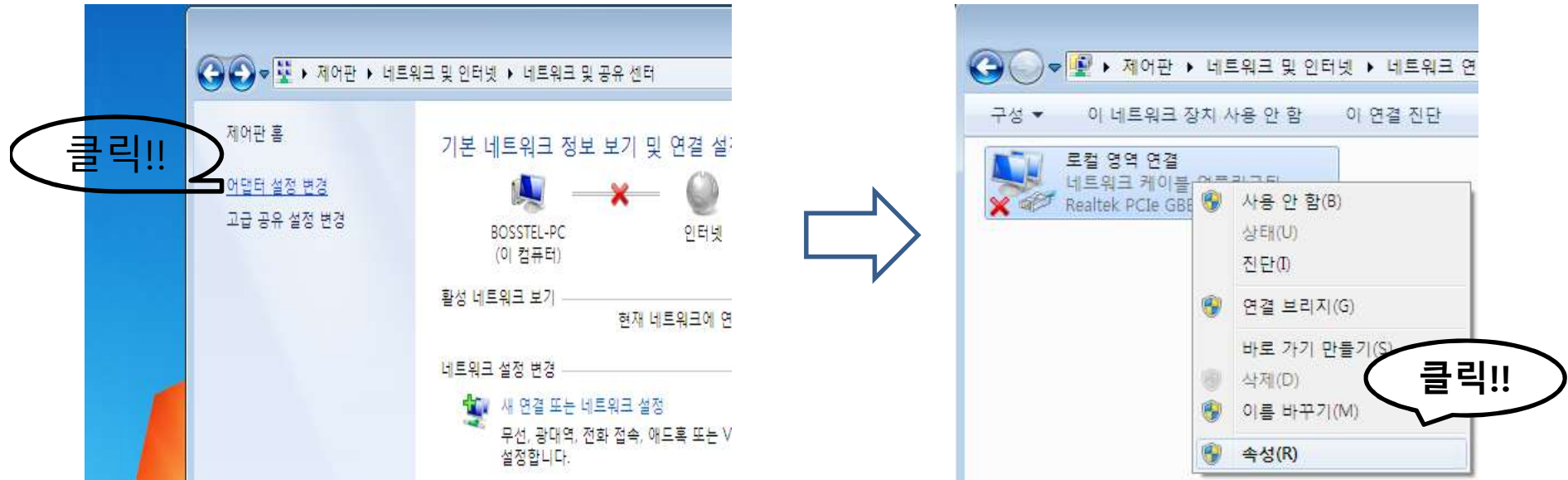
Page 1

경기도 성남시 분당구 이매동 131-3
홍우프라자빌딩 13호
전화 : 031-704-4858 / 팩스 : 031-704-4859

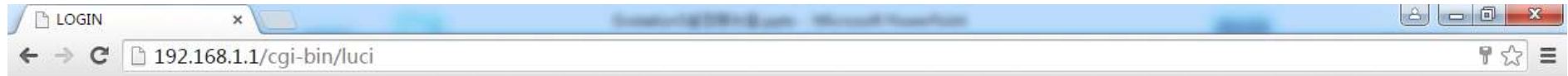
1. 연결



2.기초 준비



3. 로그인



로그인 URL: <http://192.168.1.1>

로그인 ID : admin

로그인 Password : admin

EnGenius

Username:

Password:

4. Operation Mode 설정



192.168.1.1/cgi-bin/luci/ x

192.168.1.1/cgi-bin/luci/;stok=9b9043466cc4a80aef008cd48b83d81e

EnGenius®

Wireless Access Point/Client Bridge

Client Bridge

- Status
 - Save/Reload:0
 - Main
 - Connection Status
 - System Log
- System**
 - Operation Mode**
 - IP Settings
 - Spanning Tree Settings
- Wireless
 - Wireless Network
 - Wireless Advanced Settings
- Management
 - Administration
 - SNMP Settings
 - Backup/Restore Settings
 - Auto Reboot Settings
 - Firmware Upgrade
 - Time Settings
 - CLI Settings
 - Log
 - Diagnostics
 - Device Discovery
 - Logout

Main

Home Reset

System Information

Device Name	ENSTATION5
Ethernet Main MAC Address	88:DC:96:3A:2D:DC
Ethernet Secondary MAC Address	88:DC:96:3A:2D:DC
Wireless MAC Address	88:DC:96:3A:2D:DC
Country	N/A
Current Time	Tue Aug 5 16:51:25 UTC 2014

Operation Mode를 클릭합니다

IP Address	192.168.1.1
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
Primary DNS	0.0.0.0
Secondary DNS	0.0.0.0
DHCP Client	Disabled
IPv6 IP Address	None
IPv6 Link-Local Address	FE80::8ADC:96FF:FE3A:2DDC
IPv6 Default Gateway	
IPv6 Primary DNS	
IPv6 Secondary DNS	
RX(Packets)	60.125 KB (623 PKts.)
TX(Packets)	228.748 KB (276 PKts.)

Current Wireless Settings

Operation Mode	Client Bridge
Wireless Mode	802.11 A/N Mixed
Channel Bandwidth	20/40 MHz

4. Operation Mode 설정

EnGenius® | Wireless Access Point/Client Bridge

Client Bridge

- Status
 - Save/Reload:0
 - Main
 - Connection Status
 - System Log
- System
 - Operation Mode
 - IP Settings
 - Spanning Tree Settings
- Wireless
 - Wireless Network
 - Wireless Advanced Settings
- Management
 - Administration
 - SNMP Settings
 - Backup/Restore Settings
 - Auto Reboot Settings
 - Firmware Upgrade
 - Time Settings
 - CLI Settings
 - Log
 - Diagnostics
 - Device Discovery
 - Logout

System Properties

Device Name	AP4-0
Country/Region	United States
Operation Mode	<ul style="list-style-type: none">Access PointClient Bridge<input checked="" type="radio"/> WDS<ul style="list-style-type: none"><input checked="" type="radio"/> Access PointBridgeStationClient Router

**1) Device Name(장비명)를 입력합니다
Country/Region(국가) 선택
WDS-Access Point를 선택합니다**

**2) WDS클릭
Access Point 체크**

**3) Save & Apply를
클릭 합니다**

국가는 꼭 South Korea 첫번째로 해주세요

4. Operation Mode 설정

The screenshot shows the EnGenius web interface for a Wireless Access Point/Client Bridge. The left sidebar contains a navigation menu with sections: Status (Save/Reload:0, Main, Connection Status, System Log), System (Operation Mode, IP Settings, Spanning Tree Settings), Wireless (Wireless Network, Wireless Advanced Settings), and Management (Administration, SNMP Settings, Backup/Restore Settings, Auto Reboot Settings, Firmware Upgrade, Time Settings, CLI Settings, Log, Diagnostics, Device Discovery, Logout). The main content area is titled 'System Properties' and includes fields for Device Name (AP4-0), Country/Region (United States), and Operation Mode (Access Point, Client Bridge, WDS, Access Point, Bridge). A 'Save & Apply' button is visible. A 'Processing - Google Chrome' dialog box is overlaid on the page, displaying 'Processing now! Please wait...' and a progress bar at 15%.

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

Client Bridge

System Properties Home Reset

System Properties

Device Name	AP4-0 (1 to 32 characters) <input type="checkbox"/> Green
Country/Region	United States
Operation Mode	<ul style="list-style-type: none"><input type="radio"/> Access Point<input type="radio"/> Client Bridge<input checked="" type="radio"/> WDS<ul style="list-style-type: none"><input type="radio"/> Access Point<input type="radio"/> Bridge

Save & Apply

Processing - Google Chrome

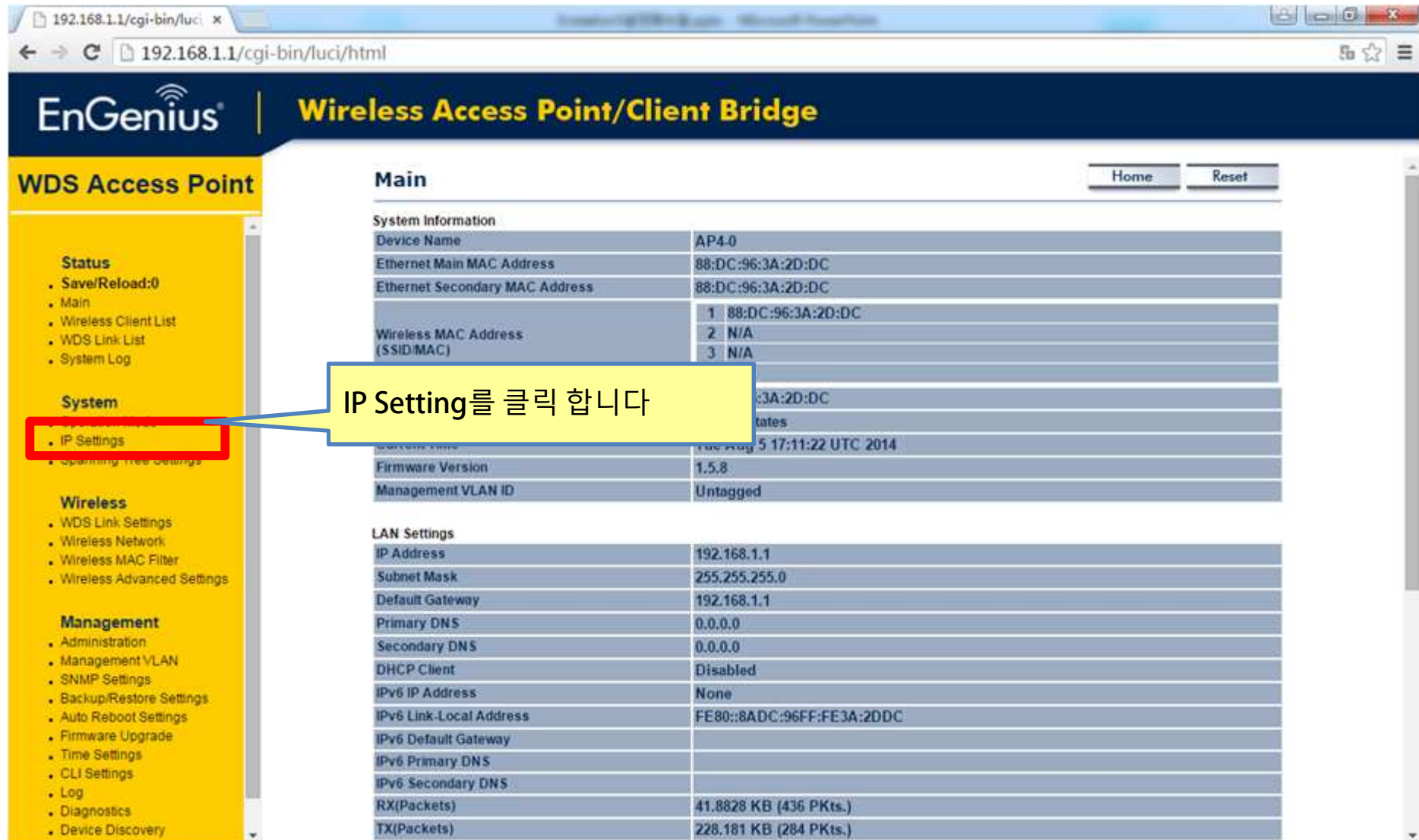
192.168.1.1/cgi-bin/luci/stok=9b9043466cc4a80aef008cd48b83d81e

Processing now! Please wait...

15 %

설정이 끝나면 자동으로 기본화면으로 이동합니다.

4. IP 설정



EnGenius® | Wireless Access Point/Client Bridge

WDS Access Point

System

- IP Settings

System Information

Device Name	AP4-0
Ethernet Main MAC Address	88:DC:96:3A:2D:DC
Ethernet Secondary MAC Address	88:DC:96:3A:2D:DC
Wireless MAC Address (SSID/MAC)	1 88:DC:96:3A:2D:DC 2 N/A 3 N/A
Firmware Version	1.5.8
Management VLAN ID	Untagged

LAN Settings

IP Address	192.168.1.1
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
Primary DNS	0.0.0.0
Secondary DNS	0.0.0.0
DHCP Client	Disabled
IPv6 IP Address	None
IPv6 Link-Local Address	FE80::8ADC:96FF:FE3A:2DDC
IPv6 Default Gateway	
IPv6 Primary DNS	
IPv6 Secondary DNS	
RX(Packets)	41.8828 KB (436 PKts.)
TX(Packets)	228.181 KB (284 PKts.)

4. IP 설정

192.168.1.1/cgi-bin/luci/ x

192.168.1.1/cgi-bin/luci/html

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

WDS Access Point

- Status**
 - Save/Reload:0
 - Main
 - Wireless Client List
 - WDS Link List
 - System Log
- System**
 - Operation Mode
 - IP Settings
 - Spanning Tree Settings
- Wireless**
 - WDS Link Settings
 - Wireless Network
 - Wireless MAC Filter
 - Wireless Advanced Settings
- Management**
 - Administration
 - Management VLAN
 - SNMP Settings
 - Backup/Restore Settings
 - Auto Reboot Settings
 - Firmware Upgrade
 - Time Settings
 - CLI Settings
 - Log
 - Diagnostics
 - Device Discovery

IP Settings Home Reset

System Information

IP Network Setting

☐ Obtain an IP address automatically (DHCP)

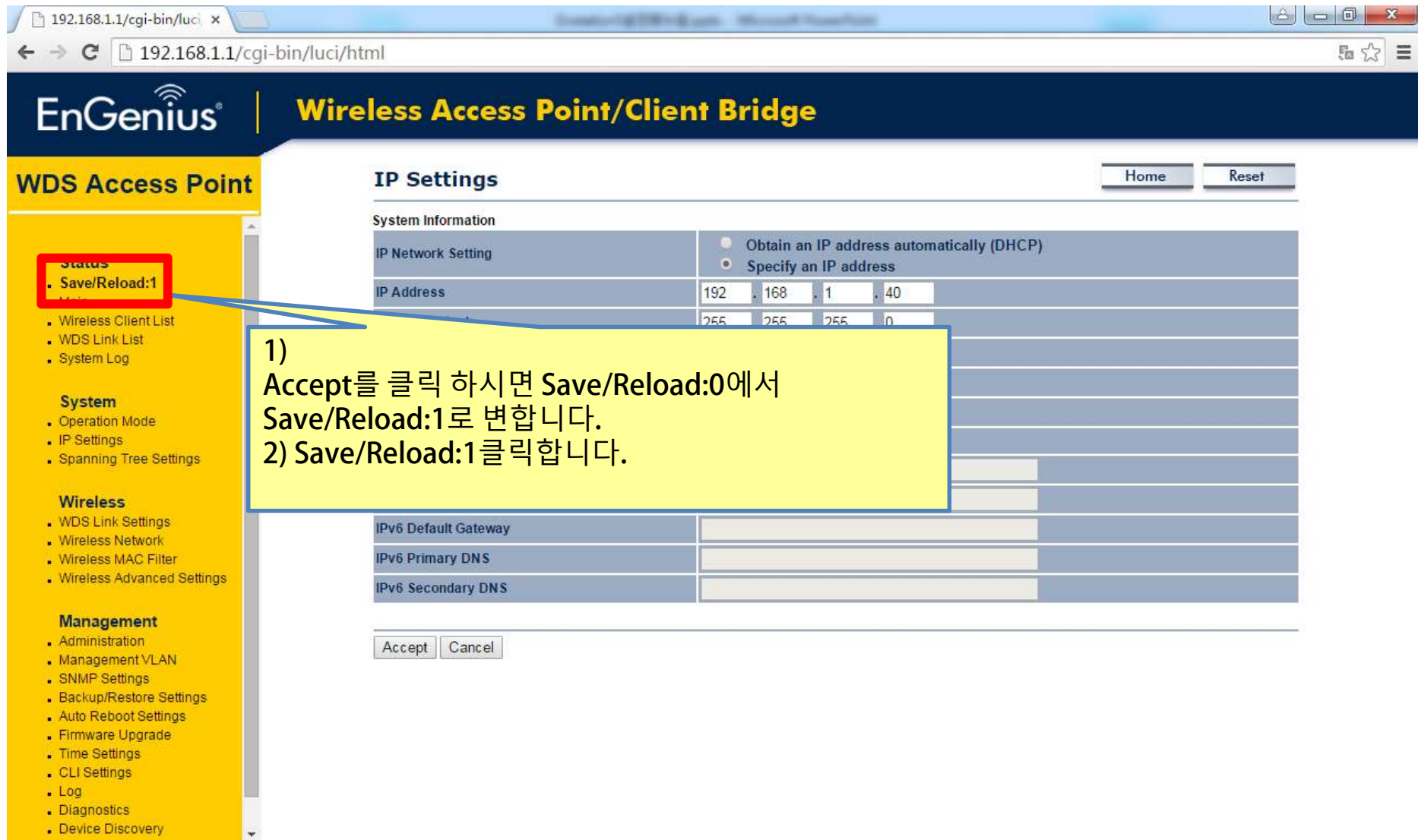
☐ Specify an IP address

IP Address	192	168	1	40
IP Subnet Mask	255	255	255	0
Default Gateway	192	168	1	1
Primary DNS	0	0	0	0
Secondary DNS	0	0	0	0
Use Link-Local Address	<input checked="" type="checkbox"/>			
IPv6 IP Address				
IPv6 Subnet Prefix Length				
IPv6 Default Gateway				
IPv6 Primary DNS				
IPv6 Secondary DNS				

1) IP를 설정 합니다.

2) Accept를 클릭하여 설정을 저장합니다

4. IP 설정

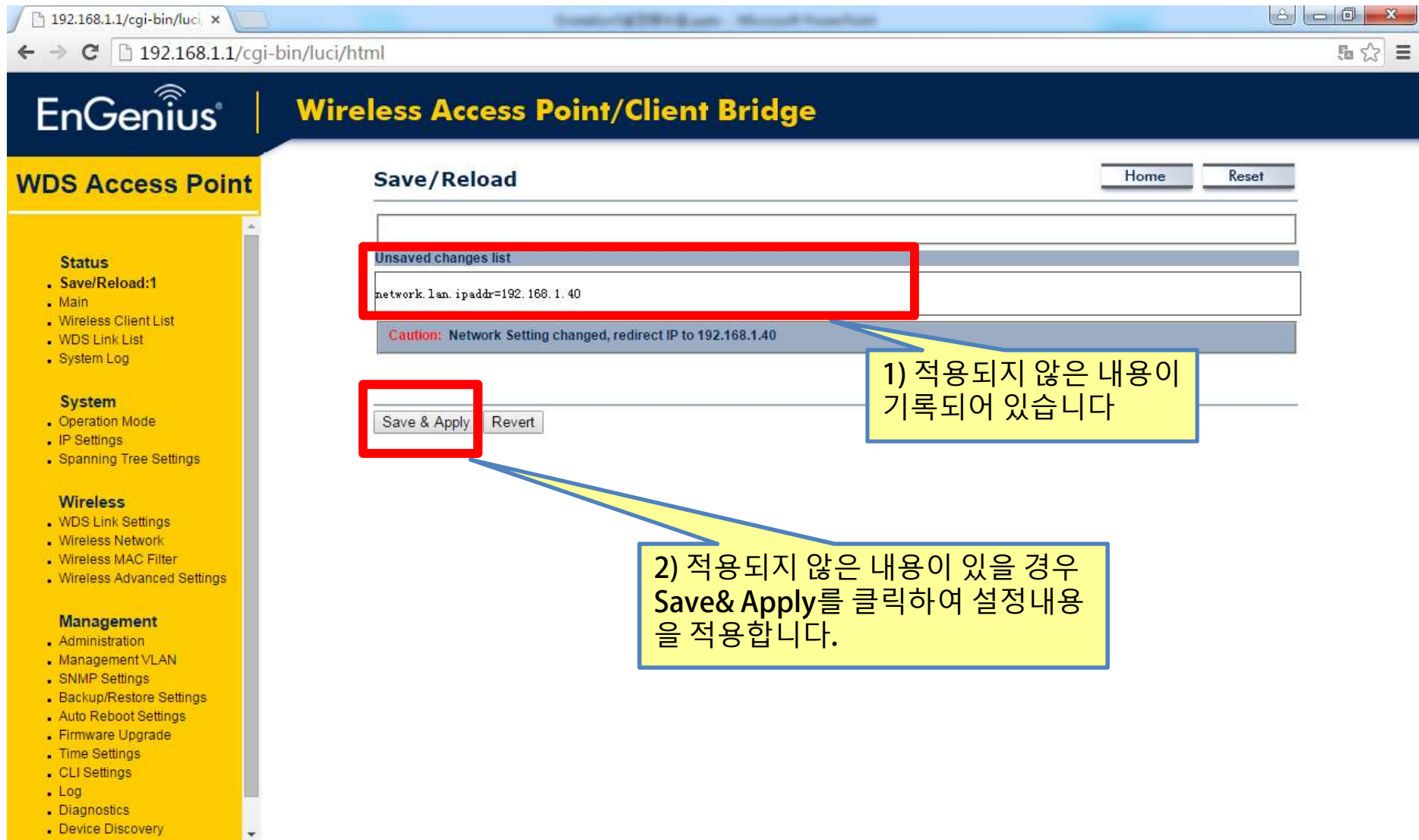


The screenshot shows the EnGenius web interface for a Wireless Access Point/Client Bridge. The left sidebar contains a menu with categories: Status, System, Wireless, and Management. The 'Status' category is expanded, showing 'Save/Reload:1' as the selected option. A yellow callout box points to this option and contains the following text:

1) Accept를 클릭 하시면 Save/Reload:0에서 Save/Reload:1로 변합니다.
2) Save/Reload:1클릭합니다.

The main content area displays the 'IP Settings' page. It includes a 'System Information' section with a table for IP Network Setting and IP Address. The IP Address is set to 192.168.1.40. Below the table, there are fields for IPv6 Default Gateway, IPv6 Primary DNS, and IPv6 Secondary DNS. At the bottom, there are 'Accept' and 'Cancel' buttons.

4. IP 설정



192.168.1.1/cgi-bin/luci/html

EnGenius® | Wireless Access Point/Client Bridge

WDS Access Point

Status

- Save/Reload:1
- Main
- Wireless Client List
- WDS Link List
- System Log

System

- Operation Mode
- IP Settings
- Spanning Tree Settings

Wireless

- WDS Link Settings
- Wireless Network
- Wireless MAC Filter
- Wireless Advanced Settings

Management

- Administration
- Management VLAN
- SNMP Settings
- Backup/Restore Settings
- Auto Reboot Settings
- Firmware Upgrade
- Time Settings
- CLI Settings
- Log
- Diagnostics
- Device Discovery

Save/Reload

Home Reset

Unsaved changes list

network.lan.ipaddr=192.168.1.40

Caution: Network Setting changed, redirect IP to 192.168.1.40

Save & Apply Revert

1) 적용되지 않은 내용이 기록되어 있습니다

2) 적용되지 않은 내용이 있을 경우 Save & Apply를 클릭하여 설정내용을 적용합니다.

4. IP 설정

The screenshot displays the EnGenius Wireless Access Point/Client Bridge web interface. The browser address bar shows the URL `192.168.1.1/cgi-bin/luci/html`. The page title is "EnGenius Wireless Access Point/Client Bridge".

WDS Access Point

- Status**
 - Save/Reload:1
 - Main
 - Wireless Client List
 - WDS Link List
 - System Log
- System**
 - Operation Mode
 - IP Settings
 - Spanning Tree Settings
- Wireless**
 - WDS Link Settings
 - Wireless Network
 - Wireless MAC Filter
 - Wireless Advanced Settings
- Management**
 - Administration
 - Management VLAN
 - SNMP Settings
 - Backup/Restore Settings
 - Auto Reboot Settings
 - Firmware Upgrade
 - Time Settings
 - CLI Settings
 - Log
 - Diagnostics
 - Device Discovery

Save/Reload [Home] [Reset]

Unsaved changes list

network.lan.ipaddr=192.168.1.40

Caution: Network Setting changed, redirect IP to 192.168.1.40

[Save & Apply]

Processing - Google Chrome

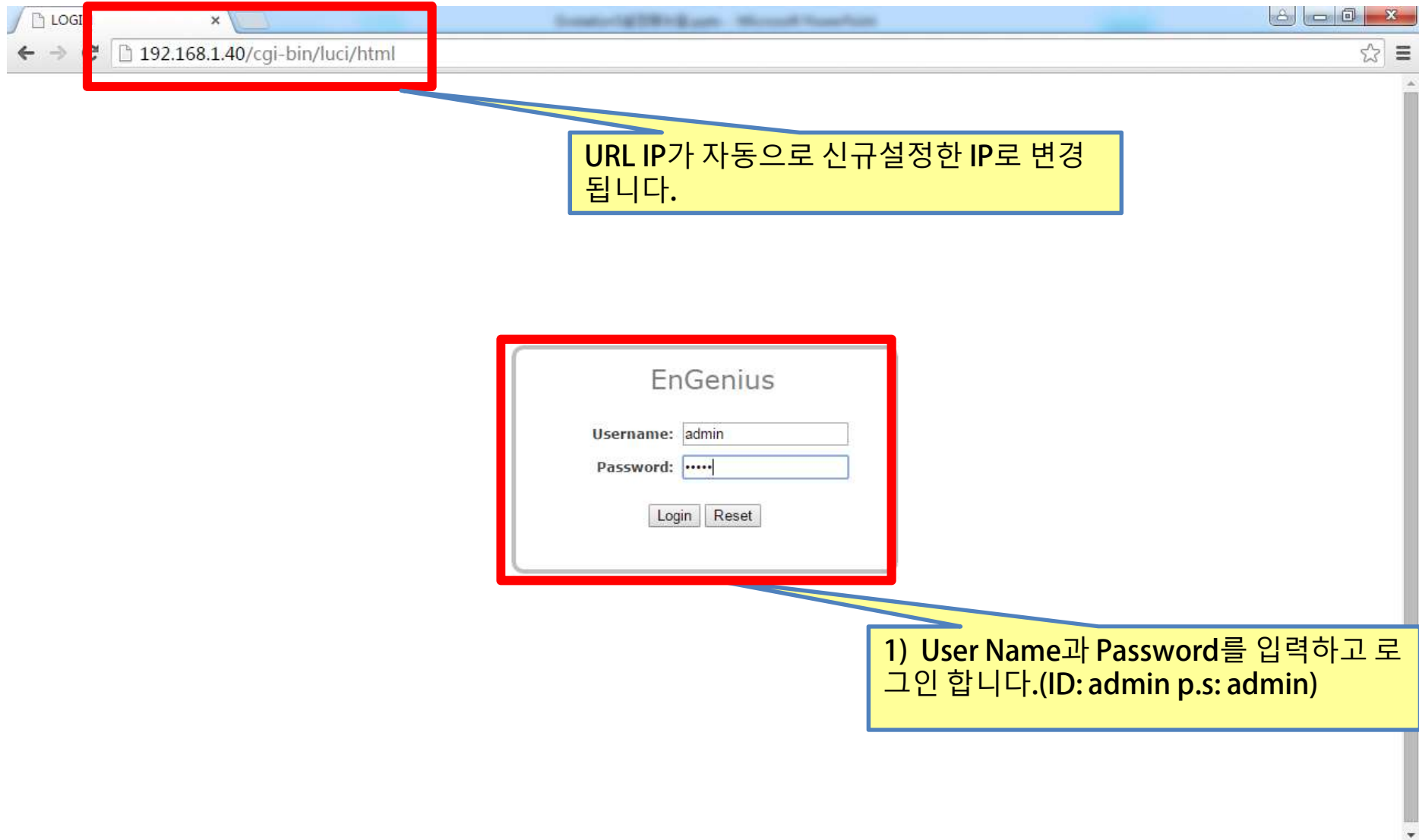
192.168.1.1/cgi-bin/luci/html/processing

Processing now! Please wait...

15 %

Save & Apply가 끝나면 자동으로 로그인 화면으로 이동합니다.

4. IP 설정



192.168.1.40/cgi-bin/luci/html

URL IP가 자동으로 신규설정된 IP로 변경됩니다.

EnGenius

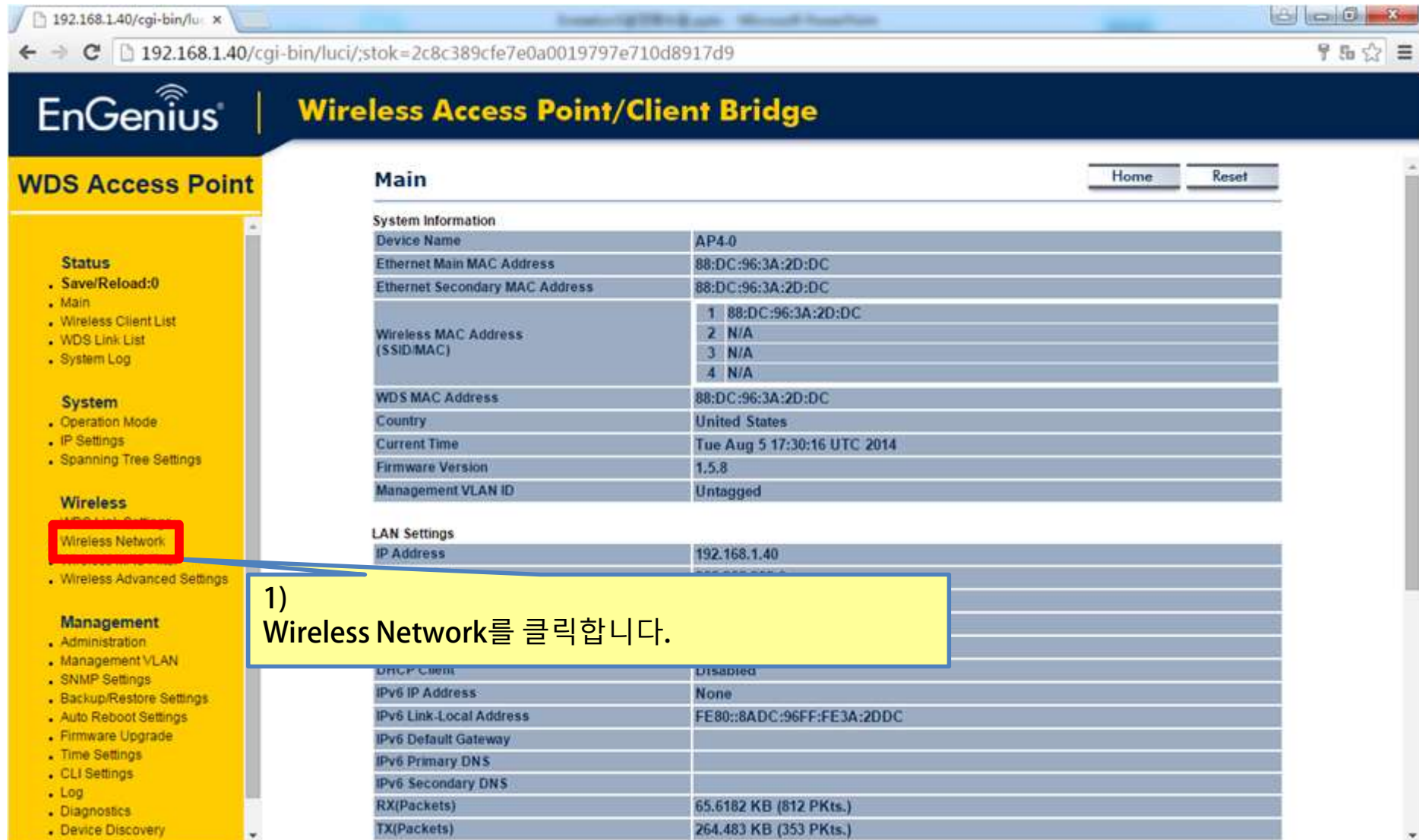
Username: admin

Password:

Login Reset

1) User Name과 Password를 입력하고 로그인 합니다.(ID: admin p.s: admin)

5. Wireless Network /SSID 설정



EnGenius® | Wireless Access Point/Client Bridge

WDS Access Point

- Status
 - Save/Reload:0
 - Main
 - Wireless Client List
 - WDS Link List
 - System Log
- System
 - Operation Mode
 - IP Settings
 - Spanning Tree Settings
- Wireless
 - Wireless Network**
 - Wireless Advanced Settings
- Management
 - Administration
 - Management VLAN
 - SNMP Settings
 - Backup/Restore Settings
 - Auto Reboot Settings
 - Firmware Upgrade
 - Time Settings
 - CLI Settings
 - Log
 - Diagnostics
 - Device Discovery

Main [Home] [Reset]

System Information

Device Name	AP4-0
Ethernet Main MAC Address	88:DC:96:3A:2D:DC
Ethernet Secondary MAC Address	88:DC:96:3A:2D:DC
Wireless MAC Address (SSID/MAC)	1 88:DC:96:3A:2D:DC 2 N/A 3 N/A 4 N/A
WDS MAC Address	88:DC:96:3A:2D:DC
Country	United States
Current Time	Tue Aug 5 17:30:16 UTC 2014
Firmware Version	1.5.8
Management VLAN ID	Untagged

LAN Settings

IP Address	192.168.1.40
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DHCP Client	Disabled
IPv6 IP Address	None
IPv6 Link-Local Address	FE80::8ADC:96FF:FE3A:2DDC
IPv6 Default Gateway	
IPv6 Primary DNS	
IPv6 Secondary DNS	
RX(Packets)	65.6182 KB (812 PKts.)
TX(Packets)	264.483 KB (353 PKts.)

5. Wireless Network /SSID 설정

EnGenius® | Wireless Access Point/Client Bridge

WDS Access Point

Wireless Network

Wireless Mode: 802.11 A/N Mixed

Channel HT Mode: 20/40MHz

Extension Channel: Upper Channel

Channel / Frequency: Ch36-5.18GHz

AP Detection: Scan

SSID: EnGenius2, EnGenius3, EnGenius4

Security Mode: None

Channel: 2, 3, 4

Buttons: Accept, Cancel

주변에 AP가 많은 경우 20MHz
적은 경우에는 40MHz로 설정해
주세요

Scan하신 후에 겹치지 않는 채널을 선택해 주세
요(36채널과 40채널은 사용하는 곳이 많습니다.
그 이후 채널을 사용해주세요)

5. Wireless Network /SSID 설정

192.168.1.40/cgi-bin/luci x

192.168.1.40/cgi-bin/luci;stok=2c8c389cfe7e0a0019797e710d8917d9

EnGenius® Wireless Access Point/Client Bridge

WDS Access Point

- Status**
 - Save/Reload:0
 - Main
 - Wireless Client List
 - WDS Link List
 - System Log
- System**
 - Operation Mode
 - IP Settings
 - Spanning Tree Settings
- Wireless**
 - WDS Link Settings
 - Wireless Network
 - Wireless MAC Filter
 - Wireless Advanced Settings
- Management**
 - Administration
 - Management VLAN
 - SNMP Settings
 - Backup/Restore Settings
 - Auto Reboot Settings
 - Firmware Upgrade
 - Time Settings
 - CLI Settings
 - Log
 - Diagnostics
 - Device Discovery

Wireless Network

Home Reset

Wireless Mode	802.11 A/N Mixed ▼					
Channel HT Mode	20/40MHz ▼					
Extension Channel	Upper Channel ▼					
Channel / Frequency	Ch36-5.18GHz ▼ <input checked="" type="checkbox"/> Auto					
AP Detection	Scan					

Current Profiles						
SSID	Security	Isolation	VID	Enable	Edit	
EnGenius1	None	<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	<input type="button" value="Edit"/>	
EnGenius2	None	<input type="checkbox"/>	2	<input type="checkbox"/>	<input type="button" value="Edit"/>	
EnGenius3	None	<input type="checkbox"/>	3	<input type="checkbox"/>	<input type="button" value="Edit"/>	
EnGenius4	None	<input type="checkbox"/>		<input type="checkbox"/>	<input type="button" value="Edit"/>	

Accept Cancel

1) Enable이 체크된 상태에서 Edit를 클릭합니다.

5. Wireless Network /SSID 설정

The screenshot displays the EnGenius Wireless Access Point configuration web interface. The left sidebar shows the navigation menu with 'Wireless Network' highlighted under the 'Wireless' section. The main content area is titled 'Wireless Access Point/Client Bridge' and 'SSID Profile'. It contains two main sections: 'Wireless Setting' and 'Wireless Security'. The 'Wireless Setting' section includes fields for SSID (set to ENS500), VLAN ID (set to 1), Suppressed SSID, and Station Separation (set to Enable). The 'Wireless Security' section includes a dropdown for Security Mode (set to WPA2-PSK), a dropdown for Encryption (set to Both(TKIP+AES)), a text field for Passphrase (set to 00000000), and a Group Key Update Interval (set to 3600 seconds). Numbered annotations (1-6) are present: 1 points to 'Wireless Network' in the sidebar; 2 points to an 'Edit' button in a table on the right; 3 points to the SSID field; 4 points to the Security Mode dropdown; 5 points to the Passphrase field; and 6 points to the 'Save' button at the bottom.

EnGenius® | Wireless Access Point/Client Bridge

WDS Access Point

Status

- Save/Reload:0
- Main
- Wireless Client List
- WDS Link List
- System Log

System

- Operation Mode
- IP Settings
- Spanning Tree Settings

Wireless

- WDS Link Settings
- Wireless Network
- Wireless MAC Filter
- Wireless Advanced Settings

Management

- Administration

SSID Profile

Wireless Setting

SSID: ENS500 (1 to 32 characters)

VLAN ID: 1 (1~4094)

Suppressed SSID: ☐

Station Separation: ☒ Enable ☐ Disable

Wireless Security

Security Mode: WPA2-PSK

Encryption: Both(TKIP+AES)

Passphrase: 00000000 (8 to 63 characters) or (64 Hexadecimal characters)

Group Key Update Interval: 3600 seconds(30)

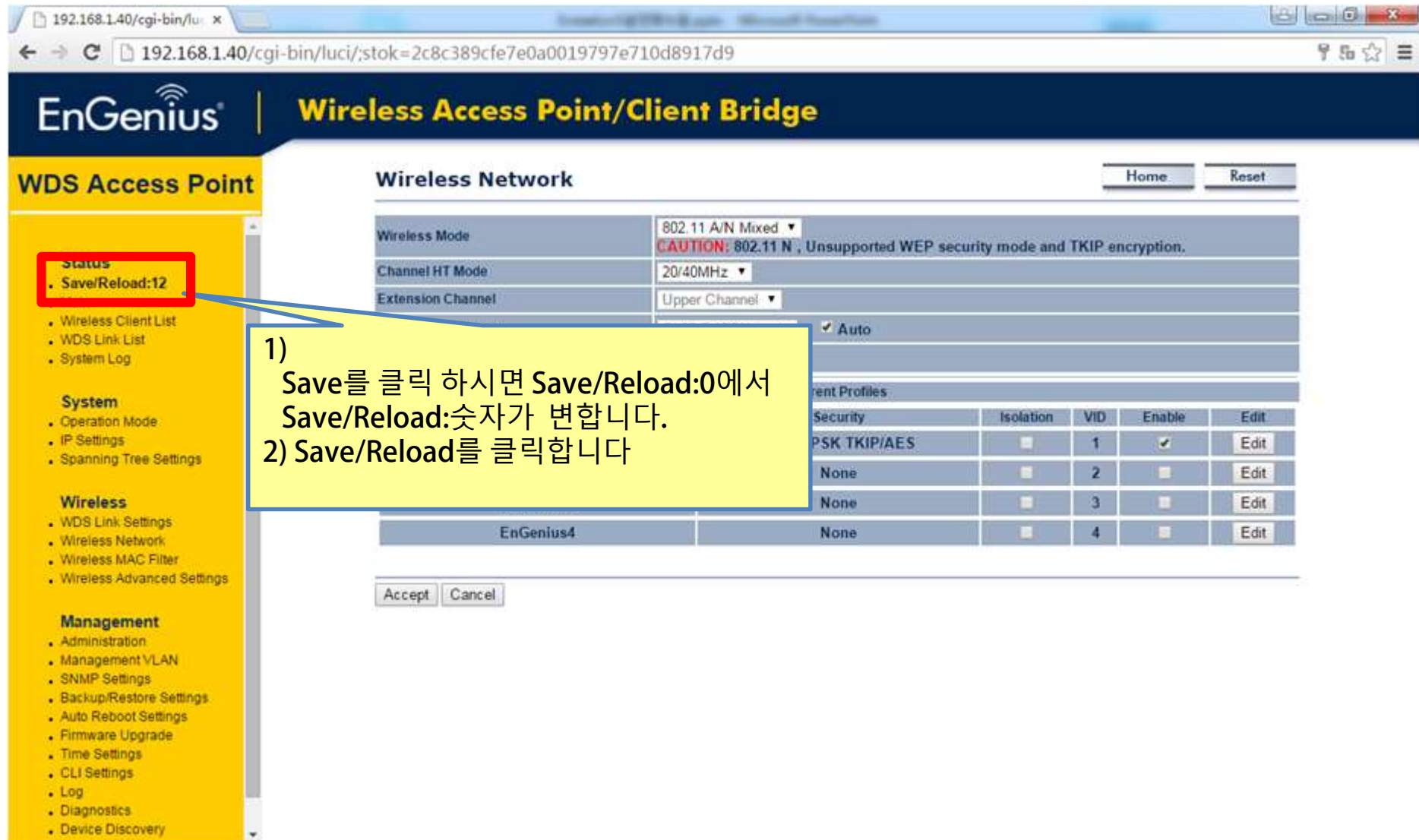
Save Cancel

1)SSID를 입력 합니다.
임의로 설정하시면 됩니다

2)무선 네트워크 암호화 방식을
선택 합니다

3)발신단에 설정할 비밀번호
를 입력합니다

5. Wireless Network /SSID 설정



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

WDS Access Point

Wireless Network [Home] [Reset]

Wireless Mode: 802.11 A/N Mixed
CAUTION: 802.11 N , Unsupported WEP security mode and TKIP encryption.

Channel HT Mode: 20/40MHz

Extension Channel: Upper Channel

☒ Auto

Current Profiles

Security	Isolation	VID	Enable	Edit
PSK TKIP/AES	<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	Edit
None	<input type="checkbox"/>	2	<input type="checkbox"/>	Edit
None	<input type="checkbox"/>	3	<input type="checkbox"/>	Edit
None	<input type="checkbox"/>	4	<input type="checkbox"/>	Edit

EnGenius4 None

[Accept] [Cancel]

Status
• Save/Reload:12

• Wireless Client List
• WDS Link List
• System Log

System
• Operation Mode
• IP Settings
• Spanning Tree Settings

Wireless
• WDS Link Settings
• Wireless Network
• Wireless MAC Filter
• Wireless Advanced Settings

Management
• Administration
• Management VLAN
• SNMP Settings
• Backup/Restore Settings
• Auto Reboot Settings
• Firmware Upgrade
• Time Settings
• CLI Settings
• Log
• Diagnostics
• Device Discovery

1) Save를 클릭 하시면 Save/Reload:0에서 Save/Reload:숫자가 변합니다.
2) Save/Reload를 클릭합니다

5. Wireless Network /SSID 설정

192.168.1.40/cgi-bin/luci/stok=2c8c389cfe7e0a0019797e710d8917d9

EnGenius Wireless Access Point/Client Bridge

WDS Access Point

Save/Reload

Home Reset

Unsaved changes list

```
-network.1.ifname
-network.3.ifname
-network.lan.ifname=eth0
-network.4.ifname
-network.2.ifname
wireless.cfg0390b9.wps_configured=1
wireless.cfg0390b9.ssid=AP4
wireless.cfg0390b9.encryption=psk2 tkip+aes
wireless.cfg0390b9.key=22222222
wireless.cfg0390b9.WLANWpaRadiusAccSrvIP=...
wireless.cfg0390b9.hidden=0
wireless.cfg0390b9.server=...
```

Save & Apply Revert

1)
Save & Apply를 클릭합니다

5. Wireless Network /SSID 설정

192.168.1.40/cgi-bin/luci/

192.168.1.40/cgi-bin/luci/stok=2c8c389cfe7e0a0019797e710d8917d9

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

WDS Access Point

Status

- Save/Reload:12
- Main
- Wireless Client List
- WDS Link List
- System Log

System

- Operation Mode
- IP Settings
- Spanning Tree Settings

Wireless

- WDS Link Settings
- Wireless Network
- Wireless MAC Filter
- Wireless Advanced Settings

Management

- Administration
- Management VLAN
- SNMP Settings
- Backup/Restore Settings
- Auto Reboot Settings
- Firmware Upgrade
- Time Settings
- CLI Settings
- Log
- Diagnostics
- Device Discovery

Save/Reload Home Reset

Unsaved changes list

```
-network 1. ifname
-network 3. ifname
-network 1an. ifname=eth0
-network 4. ifname
-network 2. ifname
wireless. cfg0390b9. wps_configured=1
wireless. cfg0390b9. ssid=AP4
wireless. cfg0390b9.
wireless. cfg0390b9
wireless. cfg0390b9
wireless. cfg0390b9
wireless. cfg0390b9
wireless. cfg0390b9
```

Processing - Google Chrome

192.168.1.40/cgi-bin/luci/stok=2c8c389cfe7e0a0019797e710d8917d9

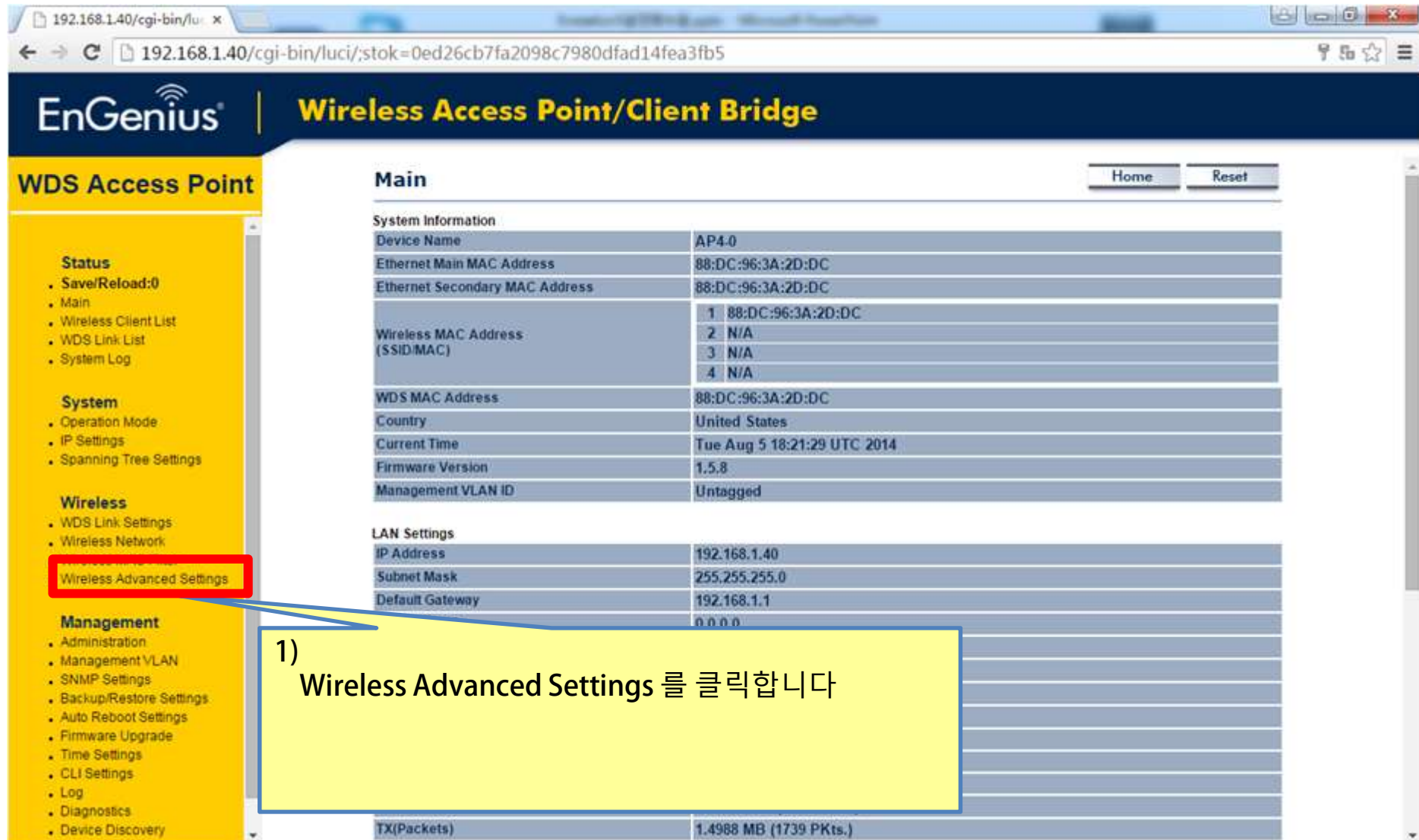
Processing now! Please wait...

43 %

Save & Apply

Save & Apply가 끝나면 자동으로 Main 화면으로 이동합니다.

6. 무선 송출 설정



EnGenius® | Wireless Access Point/Client Bridge

WDS Access Point

Status

- Save/Reload:0
- Main
- Wireless Client List
- WDS Link List
- System Log

System

- Operation Mode
- IP Settings
- Spanning Tree Settings

Wireless

- WDS Link Settings
- Wireless Network
- Wireless Advanced Settings

Management

- Administration
- Management VLAN
- SNMP Settings
- Backup/Restore Settings
- Auto Reboot Settings
- Firmware Upgrade
- Time Settings
- CLI Settings
- Log
- Diagnostics
- Device Discovery

Main Home Reset

System Information

Device Name	AP4-0
Ethernet Main MAC Address	88:DC:96:3A:2D:DC
Ethernet Secondary MAC Address	88:DC:96:3A:2D:DC
Wireless MAC Address (SSID/MAC)	1 88:DC:96:3A:2D:DC 2 N/A 3 N/A 4 N/A
WDS MAC Address	88:DC:96:3A:2D:DC
Country	United States
Current Time	Tue Aug 5 18:21:29 UTC 2014
Firmware Version	1.5.8
Management VLAN ID	Untagged

LAN Settings

IP Address	192.168.1.40
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
	0.0.0.0

TX(Packets) 1.4988 MB (1739 PKts.)

1) Wireless Advanced Settings 를 클릭합니다

6. 무선 송출 설정

EnGenius®
Wireless Access Point/Client Bridge

WDS Access Point

- Status**
 - Save/Reload:0
 - Main
 - Wireless Client List
 - WDS Link List
 - System Log
- System**
 - Operation Mode
 - IP Settings
 - Spanning Tree Settings
- Wireless**
 - WDS Link Settings
 - Wireless Network
 - Wireless MAC Filter
 - Wireless Advanced Settings
- Management**
 - Administration
 - Management VLAN
 - SNMP Settings
 - Backup/Restore Settings
 - Auto Reboot Settings
 - Firmware Upgrade
 - Time Settings
 - CLI Settings
 - Log
 - Diagnostics
 - Device Discovery
 - Logout

Wireless Advanced Settings

Home Reset

Data Rate	Auto
Transmit Power	20 dBm
RTS/CTS Threshold (1 - 2346)	2346 bytes
Distance (1-30km)	1 km (0.6 miles)
Aggregation:	<input checked="" type="radio"/> Enable <input type="radio"/> Disable Frames 50000 Bytes(Max)

Wireless Traffic Shaping

Enable Traffic Shaping	<input checked="" type="radio"/> Disable
Incoming Traffic Limit	kbit/s (512-99999999)
Outgoing Traffic Limit	bit/s (512-99999999)
Total Percentage	
WDS1 : (Off)	
WDS2 : (Off)	
WDS3 : (Off)	
WDS4 : (Off)	
SSID #1 : AP3	10 %
SSID #2 : (Off)	10 %
SSID #3 : (Off)	10 %
SSID #4 : (Off)	10 %

Client limit

Frequency	Enable	Max Client
5G	<input checked="" type="checkbox"/>	64

Accept Cancel

1) 20dbm으로 설정하세요

2) 1km로 설정하세요(1km가 넘을 시 에는 거리에 맞춰 주셔야 합니다)

6. 무선 송출 설정

192.168.1.40/cgi-bin/luci x

192.168.1.40/cgi-bin/luci/stok=0ed26cb7fa2098c7980dfad14fea3fb5

EnGenius® Wireless Access Point/Client Bridge

WDS Access Point

- Status
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Distance (1-30km)

Aggregation: ☒ Enable ☐ Disable
32 Frames 50000 Bytes(Max)

Wireless Traffic Shaping

Enable Traffic Shaping ☒ Enable ☐ Disable

Incoming Traffic Limit	1000	kbit/s (S 512-99999999)
Outgoing Traffic Limit	180000	kbit/s (S 512-99999999)
Total Percentage	10	%
WDS1 : (Off)	5	%
WDS2 : (Off)	5	%
WDS3 : (Off)	5	%
WDS4 : (Off)	5	%
SSID #1 : LIGAP4	10	%
SSID #2 : (Off)	10	%
SSID #3 : (Off)	10	%
SSID #4 : (Off)	10	%

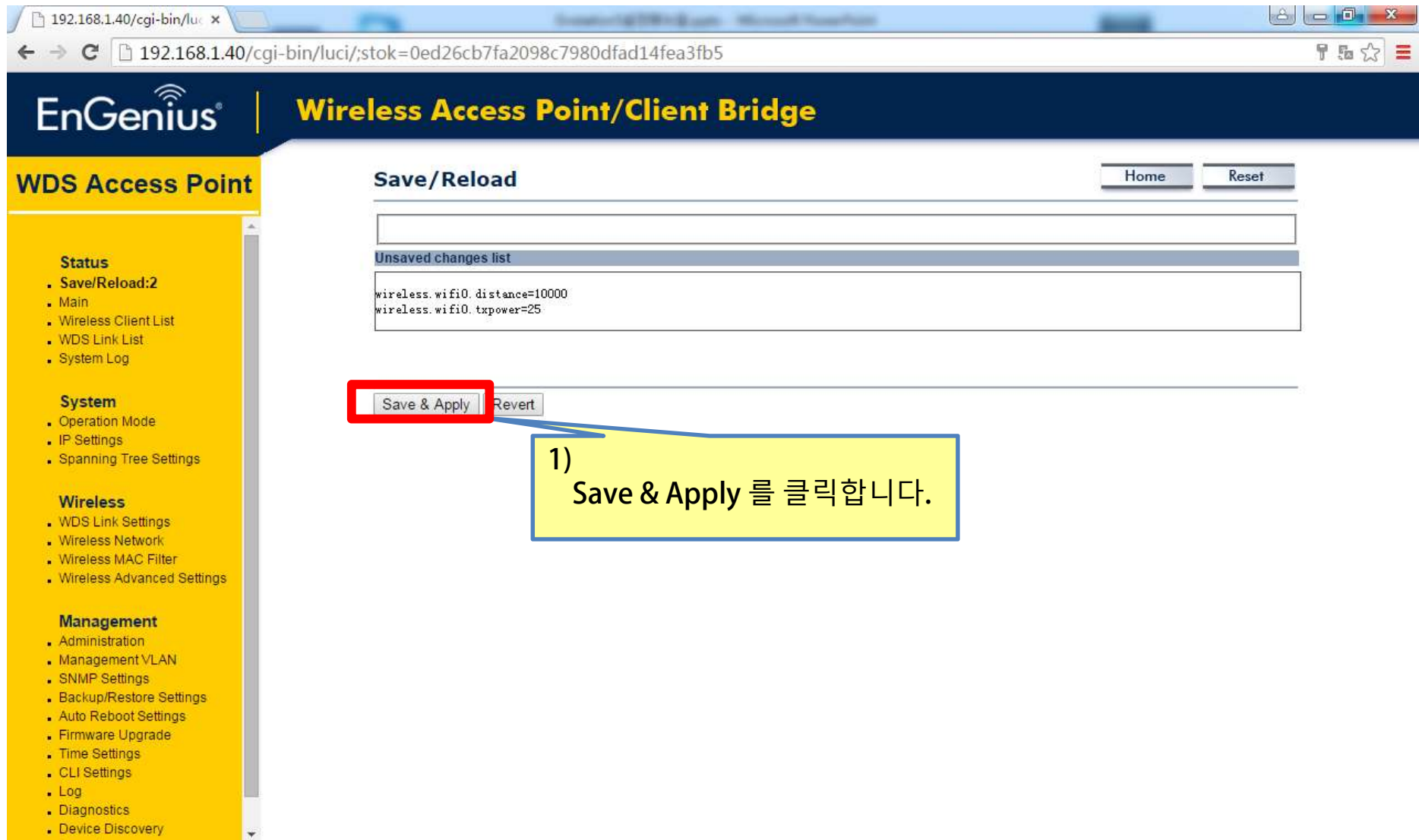
Client limit

Frequency	Enable	Max Client
5G	<input checked="" type="checkbox"/>	64

Accept Cancel

1) Accept 클릭합니다

6. 무선 송출 설정



192.168.1.40/cgi-bin/luci;stok=0ed26cb7fa2098c7980dfad14fea3fb5

EnGenius Wireless Access Point/Client Bridge

WDS Access Point

Save/Reload

Home Reset

Unsaved changes list

wireless.wifi0.distance=10000
wireless.wifi0.txpower=25

Save & Apply Revert

1) Save & Apply 를 클릭합니다.

Status

- Save/Reload:2
- Main
- Wireless Client List
- WDS Link List
- System Log

System

- Operation Mode
- IP Settings
- Spanning Tree Settings

Wireless

- WDS Link Settings
- Wireless Network
- Wireless MAC Filter
- Wireless Advanced Settings

Management

- Administration
- Management VLAN
- SNMP Settings
- Backup/Restore Settings
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- Firmware Upgrade
- Time Settings
- CLI Settings
- Log
- Diagnostics
- Device Discovery

6. 무선 송출 설정

The screenshot shows the EnGenius Wireless Access Point/Client Bridge web interface. The browser address bar displays `192.168.1.40/cgi-bin/luci`. The page title is "EnGenius Wireless Access Point/Client Bridge". The left sidebar contains the following navigation links:

- WDS Access Point**
 - Status
 - Save/Reload:2
 - Main
 - Wireless Client List
 - WDS Link List
 - System Log
 - System
 - Operation Mode
 - IP Settings
 - Spanning Tree Settings
 - Wireless
 - WDS Link Settings
 - Wireless Network
 - Wireless MAC Filter
 - Wireless Advanced Settings
 - Management
 - Administration
 - Management VLAN
 - SNMP Settings
 - Backup/Restore Settings
 - Auto Reboot Settings
 - Firmware Upgrade
 - Time Settings
 - CLI Settings
 - Log
 - Diagnostics
 - Device Discovery

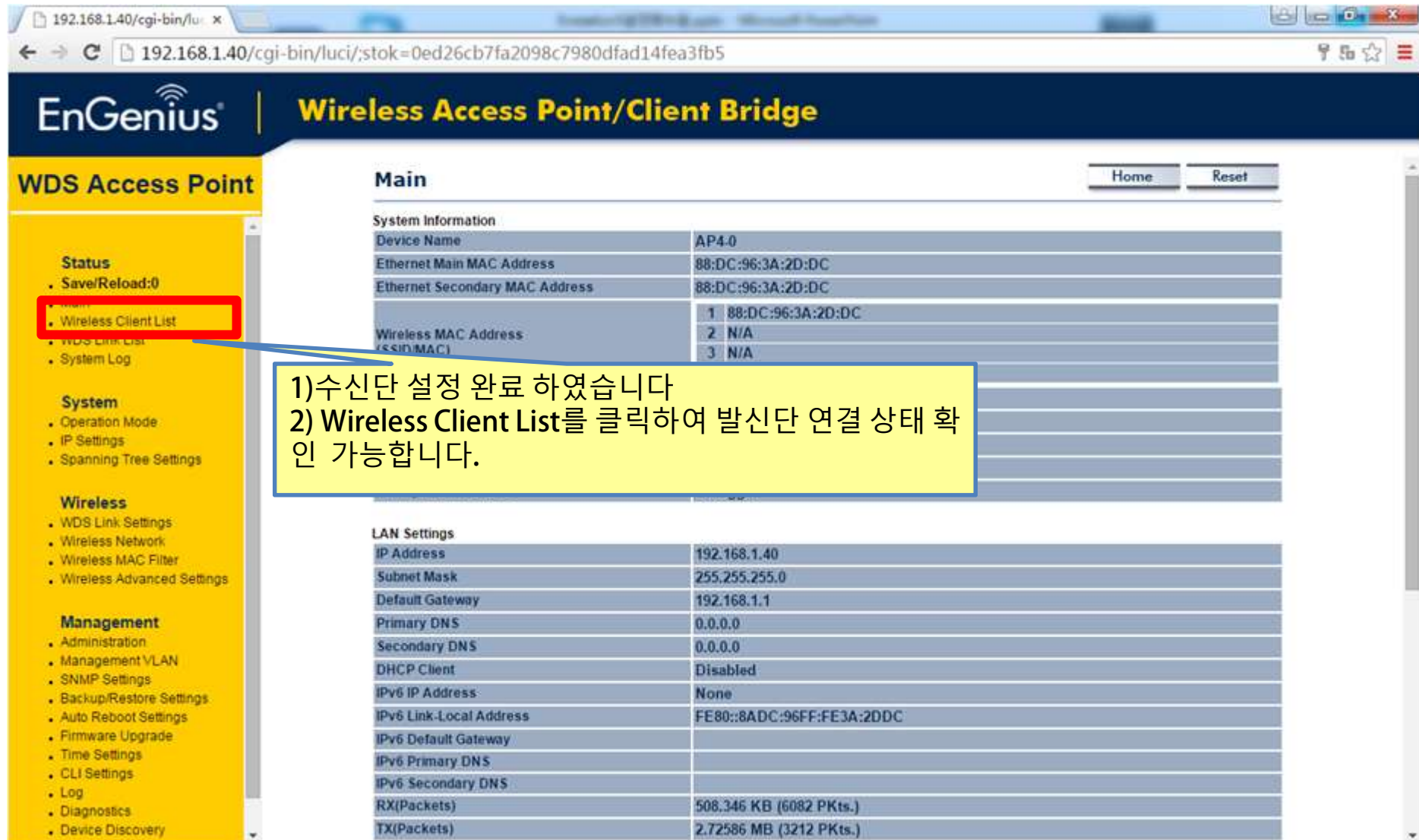
The main content area shows the "Save/Reload" section with a "Home" and "Reset" button. Below this is an "Unsaved changes list" showing the following changes:

```
wireless.wifi0.distance=10000
wireless.wifi0.txpower=25
```

A "Save & Apply" button is visible. A "Processing - Google Chrome" dialog box is overlaid on the page, showing the URL `192.168.1.40/cgi-bin/luci;stok=0ed26cb7fa2098` and the message "Processing now! Please wait..." with a progress bar at 97%.

Save & Apply가 끝나면 자동으로 Main 화면으로 이동합니다.

6. 무선 송출 설정



EnGenius® | Wireless Access Point/Client Bridge

WDS Access Point

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 - Device Discovery

Main [Home] [Reset]

System Information

Device Name	AP4-0
Ethernet Main MAC Address	88:DC:96:3A:2D:DC
Ethernet Secondary MAC Address	88:DC:96:3A:2D:DC
Wireless MAC Address (SSID/MAC)	1 88:DC:96:3A:2D:DC 2 N/A 3 N/A

LAN Settings

IP Address	192.168.1.40
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
Primary DNS	0.0.0.0
Secondary DNS	0.0.0.0
DHCP Client	Disabled
IPv6 IP Address	None
IPv6 Link-Local Address	FE80::8ADC:96FF:FE3A:2DDC
IPv6 Default Gateway	
IPv6 Primary DNS	
IPv6 Secondary DNS	
RX(Packets)	508.345 KB (6082 PKts.)
TX(Packets)	2.72585 MB (3212 PKts.)

7. 연결 상태 확인

192.168.1.40/cgi-bin/luci/ x

192.168.1.40/cgi-bin/luci/stok=0ed26cb7fa2098c7980dfad14fea3fb5

EnGenius Wireless Access Point/Client Bridge

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Client List

Home Reset

SSID-#	MAC Address	TX(Bytes)	RX(Bytes)	RSSI(dBm)	Kick and Ban
SSID1:#1	88:d1:96:3a:2d:d6	0Kb	0Kb	-15	Kick

Refresh

1)
Client List에 연결된 발신단 LIST.

❖LIST는 발신 수신 설정 완료 후 전원공급이 되어야 LIST 창에서 확인할수 있습니다

이상으로
WDS – AccessPoint(수신단)
설정 완료 하였습니다.

➤. 관리자 Password 변경



192.168.1.40/cgi-bin/luci

192.168.1.40/cgi-bin/luci;stok=2c8c389cfe7e0a0019797e710d8917d9

EnGenius® Wireless Access Point/Client Bridge

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Main

Home Reset

System Information

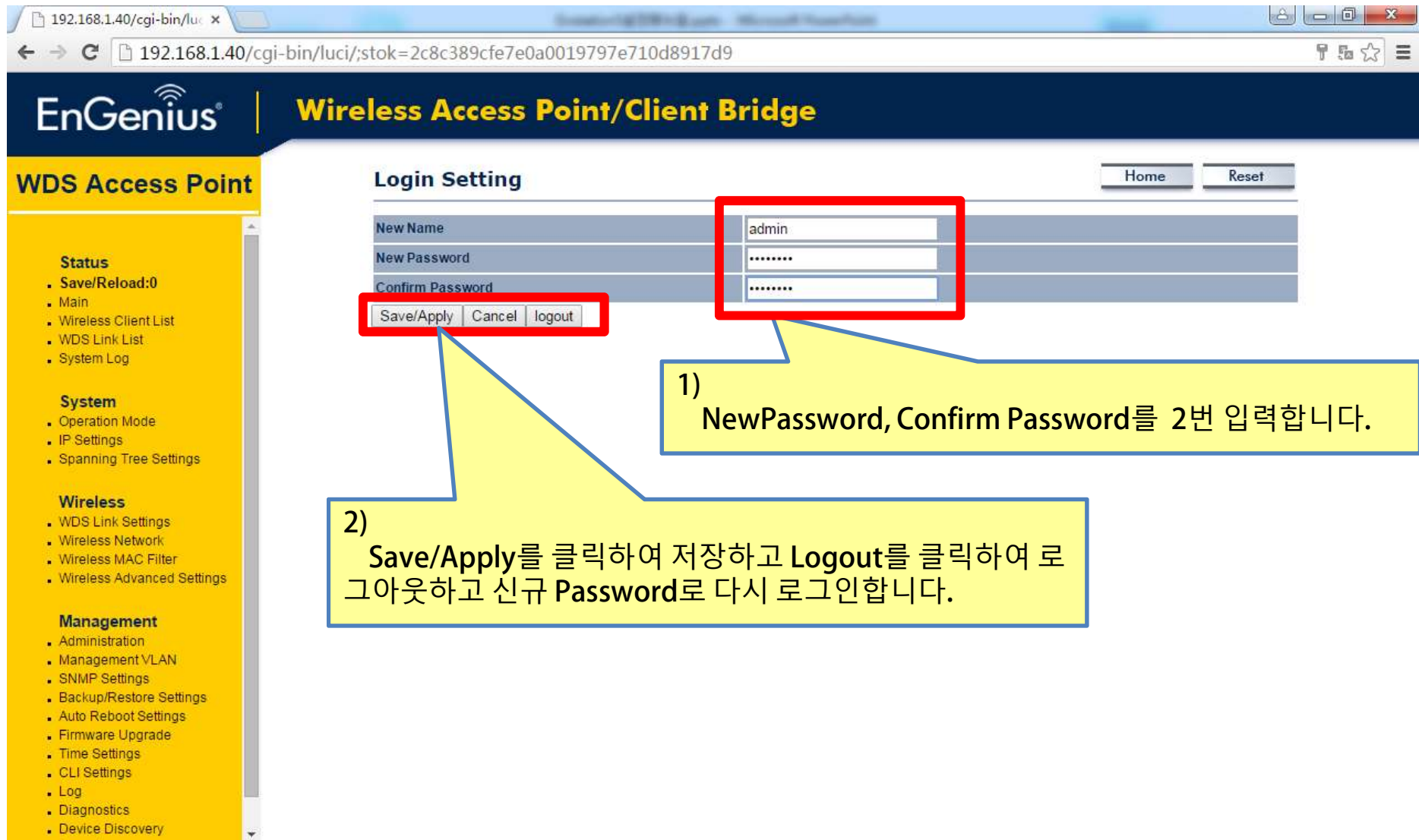
Device Name	LIGAP4-0
Ethernet Main MAC Address	88:DC:96:3A:2D:DC
Ethernet Secondary MAC Address	88:DC:96:3A:2D:DC
Wireless MAC Address (SSID/MAC)	1 88:DC:96:3A:2D:DC 2 N/A 3 N/A 4 N/A
WDS MAC Address	88:DC:96:3A:2D:DC
Country	United States
Current Time	Tue Aug 5 18:06:45 UTC 2014
Firmware Version	1.5.8
Management VLAN ID	Untagged

LAN Settings

IP Address	192.168.1.40
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
Primary DNS	0.0.0.0
Secondary DNS	0.0.0.0
DHCP Client	Disabled
None	FE80::8ADC:96FF:FE3A:2DDC
IPv6 Default Gateway	
IPv6 Primary DNS	
IPv6 Secondary DNS	
RX(Packets)	82.4326 KB (969 PKts.)
TX(Packets)	534.106 KB (594 PKts.)

1) Administration을 클릭합니다.

➤. 관리자 Password 변경



192.168.1.40/cgi-bin/luci;stok=2c8c389cfe7e0a0019797e710d8917d9

EnGenius® Wireless Access Point/Client Bridge

WDS Access Point

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Login Setting

Home Reset

New Name: admin

New Password:

Confirm Password:

Save/Apply Cancel Logout

1) NewPassword, Confirm Password를 2번 입력합니다.

2) Save/Apply를 클릭하여 저장하고 Logout를 클릭하여 로그아웃하고 신규 Password로 다시 로그인합니다.

➤. 관리자 Password 변경

A screenshot of a web browser window showing the EnGenius login page. The browser's address bar displays the URL 192.168.1.40/cgi-bin/luci/stok=2c8c389cfe7e0a0019797e710d8917d9. The login form is centered on the page and contains the following elements:

EnGenius

Username:

Password:

Login Reset

1) 신규 Password로 다시 로그인합니다.



A thick vertical bar on the left side of the slide, transitioning from dark blue at the top to light blue at the bottom, with a dark blue corner piece at the bottom right. A thin horizontal line extends from the vertical bar across the center of the slide.

Bosstel



A geometric logo consisting of several overlapping triangles. The colors include dark blue, light blue, grey, purple, and black. The triangles are arranged in a way that creates a sense of depth and movement, with some pointing towards the center and others pointing outwards.