

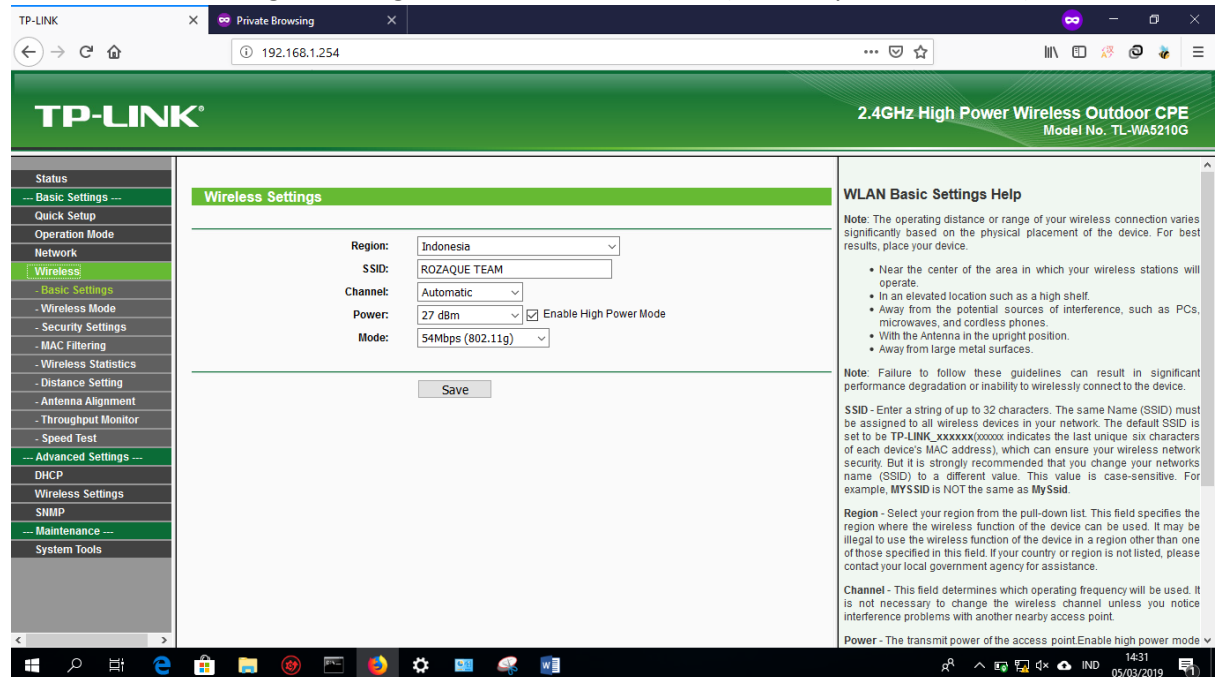
# MODUL 3

## WIFI, BRIDGE (PRAKTEK ALAT)

Wyne Habsari/L200160080

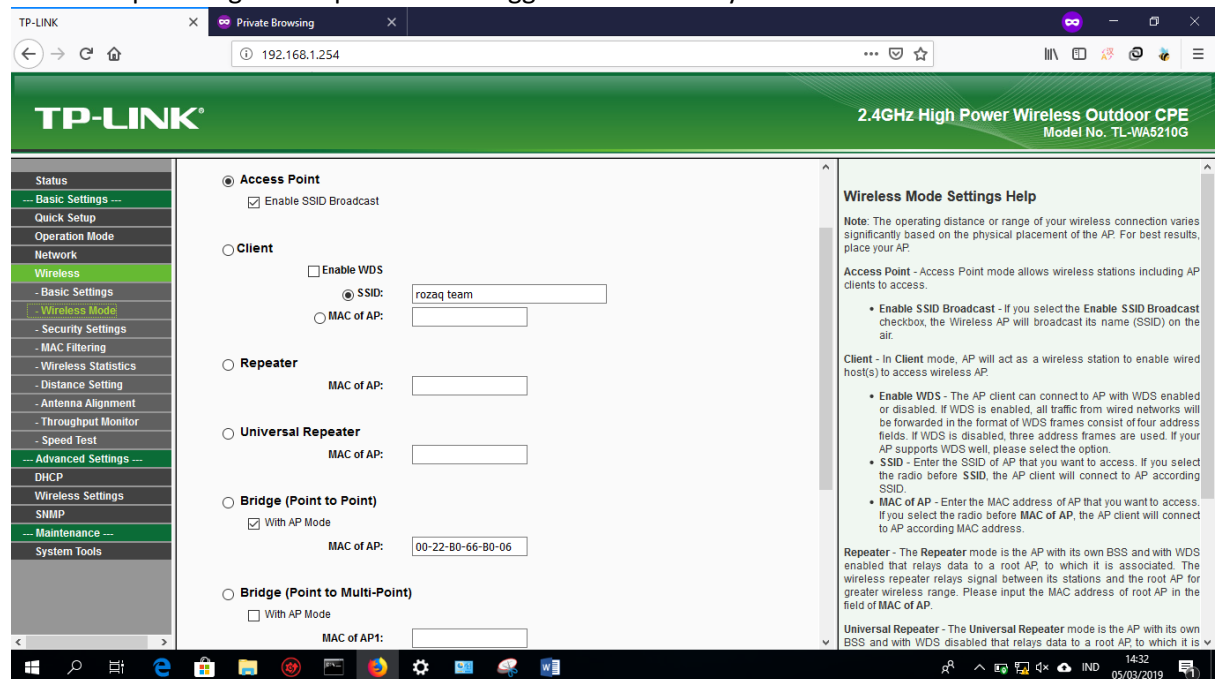
### 1. Setting Wifi untuk Accespoint :

Masuk ke menu konfigurasi dengan address 192.168.1.254 (defaultnya 192.168.1.50)



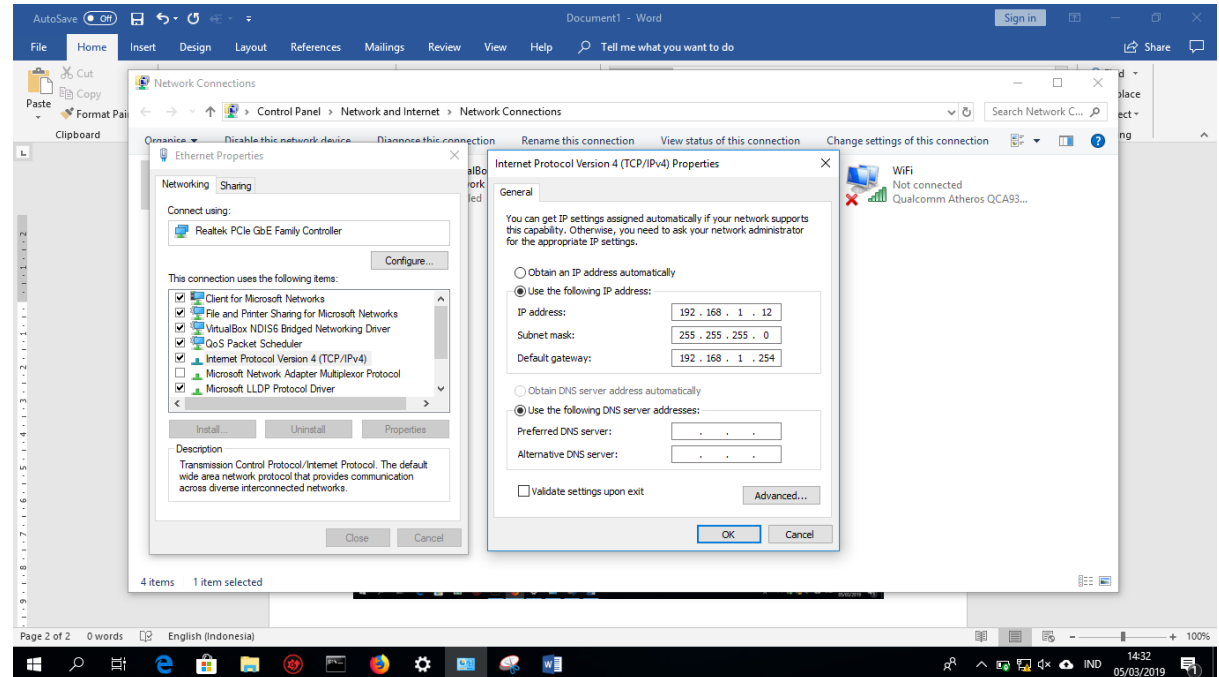
The screenshot shows the TP-Link web interface for a 2.4GHz High Power Wireless Outdoor CPE (Model No. TL-WA5210G). The left sidebar contains a navigation menu with options like Status, Basic Settings, Quick Setup, Operation Mode, Network, Wireless, and Advanced Settings. The main content area is titled 'Wireless Settings' and includes fields for Region (Indonesia), SSID (ROZAQUE TEAM), Channel (Automatic), Power (27 dBm), and Mode (54Mbps (802.11g)). A 'Save' button is at the bottom. On the right, there is a 'WLAN Basic Settings Help' section with a note about operating distance and a list of guidelines for placement.

Memilih opsi sebagai accespoint dan mengganti IP addressnya

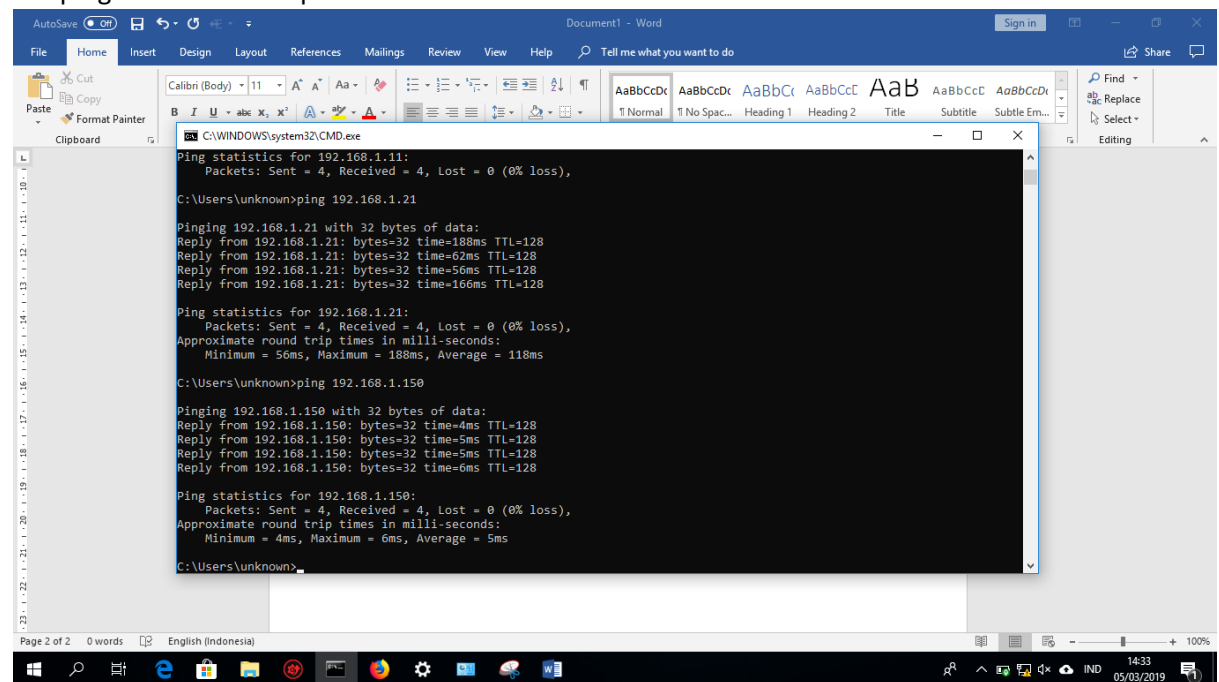


The screenshot shows the TP-Link web interface for a 2.4GHz High Power Wireless Outdoor CPE (Model No. TL-WA5210G). The left sidebar contains a navigation menu with options like Status, Basic Settings, Quick Setup, Operation Mode, Network, Wireless, and Advanced Settings. The main content area is titled 'Wireless Mode Settings' and includes a 'Wireless Mode Settings Help' section. The 'Access Point' mode is selected, and the 'Enable SSID Broadcast' checkbox is checked. The 'SSID' field is set to 'rozaq team'. The 'MAC of AP' field is set to '00-22-B0-66-B0-06'. The 'Bridge (Point to Point)' mode is also selected, and the 'With AP Mode' checkbox is checked. The 'MAC of AP' field is set to '00-22-B0-66-B0-06'. The 'Bridge (Point to Multi-Point)' mode is also selected, and the 'With AP Mode' checkbox is checked. The 'MAC of AP1' field is set to '00-22-B0-66-B0-06'.

## Memberi IP di PC dengan network yang sama dengan accespoint



## Tes ping ke IP dari accespoint teman



## 2. Pont-to-Point

Masuk ke menu konfigurasi dengan address 192.168.1.1

192.168.1.1/setup.cgi

Not secure | 192.168.1.1/setup.cgi

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
- Auto Reboot Settings
- Backup/Restore Settings
- Firmware Upgrade
- Time Settings
- Log
- Diagnostics

Wireless Network

Home Reset

Wireless Mode: 802.11b/g Mixed (2GHz/54Mbps)

SSID: Specify the static SSID : ROZAQUE TEAM (1 to 32 characters)  
Or press the button to search for any available WLAN Service.  
Site Survey

Prefer BSSID: ☐ E8 ☐ DE ☐ 27 ☐ B7 ☐ F6 ☐ 78

WDS Client: ☒ Enable ☐ Disable

Apply Cancel

Beri IP satu network dengan accespoint sebelumnya

192.168.1.1/setup.cgi

Not secure | 192.168.1.1/setup.cgi

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System Information

Device Name: EOC2611P

Ethernet MAC Address: 00:02:6f:94:4d:e6

Wireless MAC Address: 00:02:6f:94:4d:e7

Country: N/A

Current Time: Sat Jan 1 07:43:06 UTC 2000

Device Uptime: 0 Days 0 Hours 43 Mins

Firmware Version: 1.3.1

Auto Reboot Settings: Disabled

LAN Settings

IP Address: 192.168.1.1

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DHCP Client: Disabled

Current Wireless Settings

Operation Mode: Client Bridge

Wireless Mode: IEEE 802.11b/g Mixed

Frequency/Channel: 2.412GHz (Channel 01)

Wireless Network Name (SSID): ROZAQUE TEAM

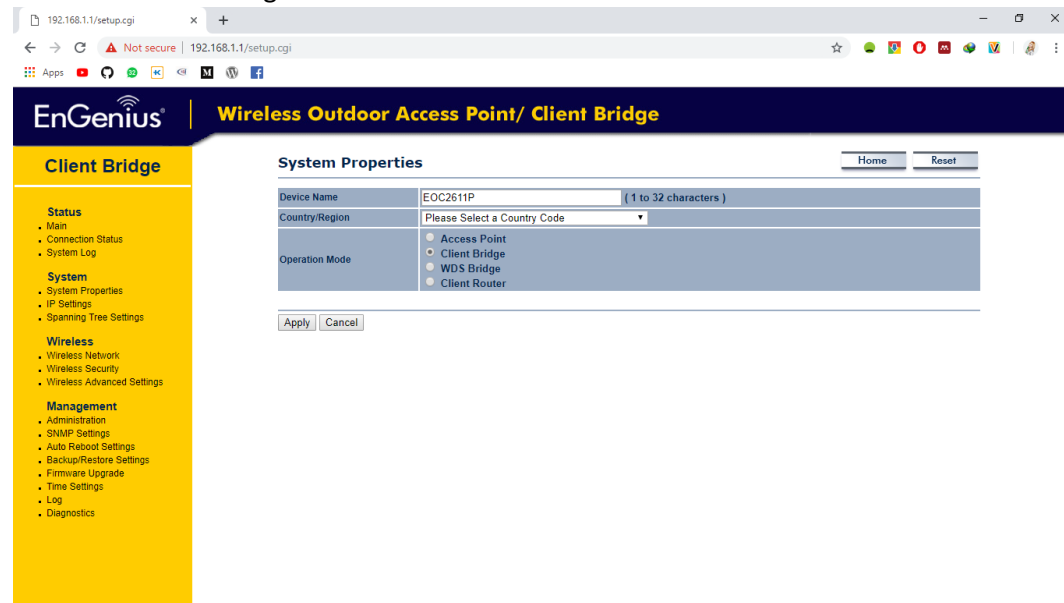
Security: Disabled

Spanning Tree Protocol: Disabled

Distance: 1 Km

Refresh

## Pilih mode ClientBridge



192.168.1.1/setup.cgi

Not secure | 192.168.1.1/setup.cgi

### 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
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  - Time Settings
  - Log
  - Diagnostics

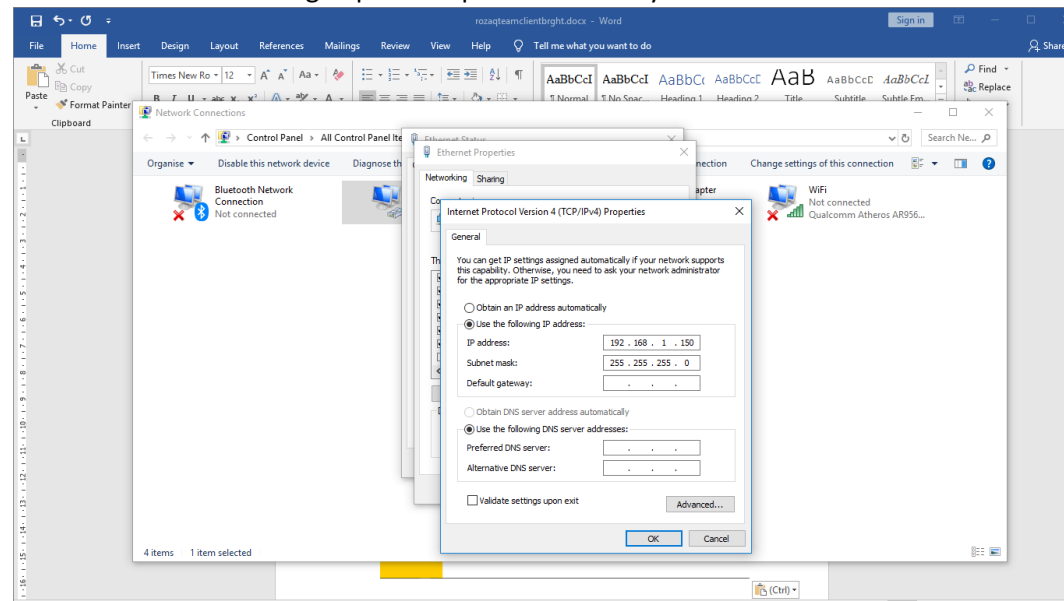
#### System Properties

Home Reset

Device Name	EOC2611P ( 1 to 32 characters )
Country/Region	Please Select a Country Code
Operation Mode	<ul style="list-style-type: none"><li>Access Point</li><li><b>Client Bridge</b></li><li>WDS Bridge</li><li>Client Router</li></ul>

Apply Cancel

## Beri IP satu network dengan point-to-point sebelumnya



## Tes ping ke IP dari accespoint teman

The screenshot shows a web browser window with the address bar displaying `192.168.1.1/setup.cgi`. The browser's address bar also shows `Not secure | 192.168.1.1/setup.cgi`. The browser's taskbar shows various application icons.

Overlaid on the browser is a command prompt window titled `C:\WINDOWS\system32\cmd.exe`. The command prompt shows the following output:

```
Request timed out.  
Ping statistics for 192.168.1.9:  
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),  
C:\Users\Laptop Apik>ping 192.168.1.12  
Pinging 192.168.1.12 with 32 bytes of data:  
Reply from 192.168.1.150: Destination host unreachable.  
Reply from 192.168.1.150: Destination host unreachable.  
Reply from 192.168.1.150: Destination host unreachable.  
Reply from 192.168.1.150: Destination host unreachable.  
Ping statistics for 192.168.1.12:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
C:\Users\Laptop Apik>ping 192.168.1.2  
Pinging 192.168.1.2 with 32 bytes of data:  
Reply from 192.168.1.2: bytes=32 time=42ms TTL=64  
Reply from 192.168.1.2: bytes=32 time=12ms TTL=64  
Reply from 192.168.1.2: bytes=32 time=36ms TTL=64  
Reply from 192.168.1.2: bytes=32 time=30ms TTL=64  
Ping statistics for 192.168.1.2:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 12ms, Maximum = 42ms, Average = 30ms  
C:\Users\Laptop Apik>
```

The background of the command prompt window shows the EnGenius Client Bridge web interface. The interface has a yellow sidebar with a navigation menu containing the following items:

- 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
  - Auto Reboot Settings
  - Backup/Restore Settings
  - Firmware Upgrade
  - Time Settings
  - Log
  - Diagnostics

The main content area of the web interface is partially visible, showing a "Reset" button and some form fields.