

SOP Configure Modem GPON



Configuration PPPOE By Modem

1. Connect by wifi. Untuk SSID dan Password dapat dicek di bagian belakang Modem.



2. Buka Browser dan open ip gateway/ ip modem "192.168.100.1"

3. Login Username telecomadmin pass admintelecom

4. Choose Lan and Cek list port 2 LAN

#konfigurasi ini mengarahkan port 2 sebagai DHCP

5. Open WAN menu and make new configuration

6. Ceklist PPPOE

7. Wan Mode Router WAN

Connection Name	VLAN/Priority	Protocol Type
New Delete		
Basic Information		
Enable WAN:	☒	
Encapsulation Mode:	☐ IPoE ☒ PPPoE	
Protocol Type:	IPv4	
WAN Mode:	Route WAN	
Service Type:	INTERNET	
Enable VLAN:	☒	
VLAN ID:		
802.1p Policy:	☒ Use the specified value ☐ Copy from IP precedence	
802.1p:	0	
MRU:		

8. Vlan ID : Input Prepaid Vlan

Basic Information	
Enable WAN:	☒
Encapsulation Mode:	☐ IPoE ☒ PPPoE
Protocol Type:	IPv4
WAN Mode:	Route WAN
Service Type:	INTERNET
Enable VLAN:	☒
VLAN ID:	268
802.1p Policy:	☒ Use the specified value ☐ Copy from IP precedence
802.1p:	0
MRU:	
User Name:	151001123
Password:	
Enable LCP Detection:	☐

9. User ID and Password ID sesuai account prepaid

WAN Mode:	Route WAN
Service Type:	INTERNET
Enable VLAN:	☒
VLAN ID:	268
802.1p Policy:	☒ Use the specified value ☐ Copy from IP precedence
802.1p:	0
MRU:	
User Name:	151001123
Password:	
Enable LCP Detection:	☐
Binding Options:	☐ LAN1 ☐ LAN2 ☐ LAN3 ☐ LAN4 ☐ SSID1 ☐ SSID2 ☐ SSID3 ☐ SSID4
IPv4 Information	
IP Acquisition Mode:	☐ Static ☐ DHCP ☒ PPPoE

10. Choose SSID1 For binding and LAN 2

MRU:		(1-1540)
User Name:	151001123	
Password:		
Enable LCP Detection:	☐	
Binding Options:	☐ LAN1 ☒ LAN2 ☐ LAN3 ☐ LAN4 ☒ SSID1 ☐ SSID2 ☐ SSID3 ☐ SSID4	
IPv4 Information		
IP Acquisition Mode:	☐ Static ☐ DHCP ☒ PPPoE	

#Port 1 digunakan untk bypass PPPOE, port 2 Sebagai DHCP LAN

11. After Finish, Click apply

Basic Information			
Enable WAN:	☒		
Encapsulation Mode:	☐ IPoE ☒ PPPoE		
Protocol Type:	IPv4		
WAN Mode:	Route WAN		
Service Type:	INTERNET		
Enable VLAN:	☒		
VLAN ID:	268 *(1-4094)		
802.1p Policy:	☒ Use the specified value ☐ Copy from IP precedence		
802.1p:	0		
MRU:		(1-1540)	
User Name:	151001123		
Password:			
Enable LCP Detection:	☐		
Binding Options:	☐ LAN1 ☒ LAN2 ☐ LAN3 ☐ LAN4 ☒ SSID1 ☐ SSID2 ☐ SSID3 ☐ SSID4		
IPv4 Information			
IP Acquisition Mode:	☐ Static ☐ DHCP ☒ PPPoE		
Enable NAT:	☒		
NAT type:	Port-restricted cone NAT		
Dialing Method:	Automatic		
Multicast VLAN ID:			(1-4094)
Apply Cancel			

12. Open Status > Choose Wan Information, Check PPPOE Status

The screenshot shows the Huawei HG8245H web interface. The left sidebar contains a menu with 'WAN Information' highlighted. The main content area is titled 'Status > WAN Information'. It includes a yellow informational box and two tables: 'IPv4 Information' and 'IPv6 Information'.

IPv4 Information Table:

VLAN Name	Connection Status	IP Acquisition Mode	IP Address	Subnet Mask	VLAN/Priority	MAC Address	Connected
1_INTERNET_R_VID_268	Connected	PPPoE	182.253.250.174	255.255.255.255	268/0	84-AD-58-99-4B-B2	AlwaysOn

IPv6 Information Table:

VLAN Name	Connection Status	Prefix Acquisition Mode	Prefix	VLAN/Priority	MAC Address	Gateway
--	--	--	--	--	--	--

Below the IPv6 table is another table with headers: VLAN Name, IP Acquisition Mode, IP Address, IP Address Status, and DNS. The data row shows dashes for all fields.

#Jika sudah connect maka status akan connected

Configure WLAN

1. Connect by wifi. Untuk SSID dan Password dapat dicek di bagian belakang Modem.



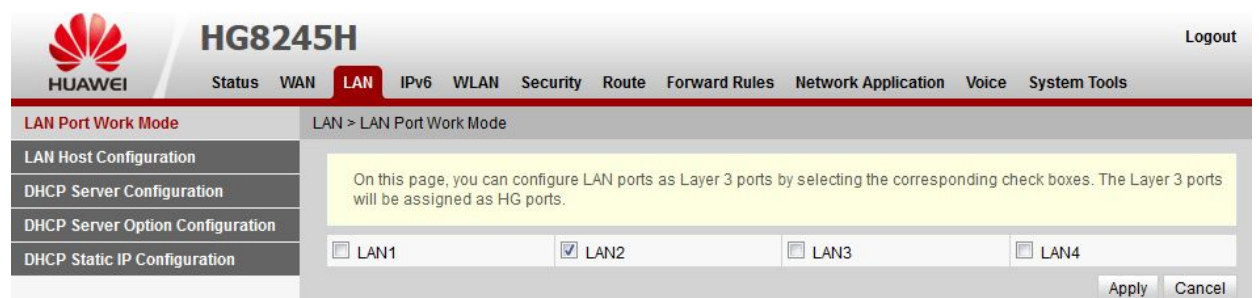
2. Buka Browser dan open ip gateway/ ip modem "192.168.100.1"
3. Login Username telecomadmin pass admintelecom



4. Choose Lan and Cek list port 2 LAN

#konfigurasi ini mengarahkan port 2 sebagai DHCP

5. Open WAN menu and make new configuration



6. Connect to Modem by Port 2 > Silahkan dilakukan konfigurasi untuk Wireless nya > Apply
Untuk menonaktifkan WLAN silahkan uncheck Enable WLAN



WLAN Basic Configuration

WLAN > WLAN Basic Configuration

WLAN Advanced Configuration
Automatic WIFI Shutdown
WIFI Coverage Management

On this page, you can set basic WLAN parameters.(When the WLAN function is disabled, this page is blank).

⚠ Caution:

1. Wireless network services may be interrupted temporarily after you modify wireless network parameters.
2. It is recommended that you use the WPA2 or WPA/WPA2 authentication mode for security purposes.

☒ Enable WLAN

New Delete

SSID Index	SSID Name	SSID Status	Number of Associated Devices	Broadcast SSID	Security Configuration
☐ 1	HUAWEI-sS3r	Enabled	32	Enabled	Configured

SSID Configuration Details

SSID Name:	HUAWEI-sS3r	* (1-32 characters)
Enable SSID:	☒	
Number of Associated Devices:	32	* (1-32)
Broadcast SSID:	☒	
Enable WMM:	☒	
Authentication Mode:	WPA/WPA2 PreSharedKey	
Encryption Mode:	TKIP&AES	
WPA PreSharedKey:	••••••••	☒ Hide *(8-63 ASCII characters or 64 hexadecimal characters)
WPA Group Key Regeneration Interval:	3600	*(600-3600s)
Enable WPS:	☐	
WPS Mode:	PBC	
PBC:	Start WPS	
Apply Cancel		