

[HOW TO CONFIGURE DG-BG4300NU/IS IN 3G FAILOVER MODE WITH DSL LINE](#)

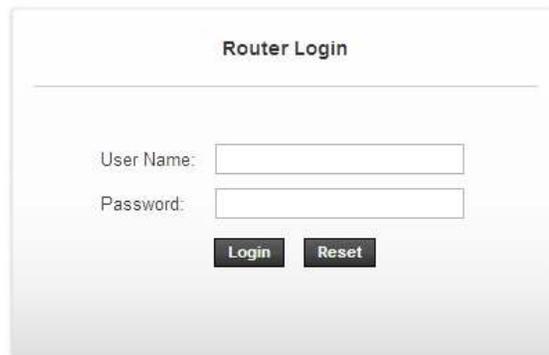
STEP 1: CONNECT DONGLE TO ROUTER

Make sure the [internet](#) is working from [Dongle](#) first
After connecting it to router, check with the [USB led](#) on the router

STEP 2: ACCESSING THE WEB CONFIGURATION PAGE INSIDE THE ROUTER

Open the configuration page of the router by typing <http://192.168.1.1> in a web browser. We recommend this one time configuration to be done using [Internet Explorer](#).

Enter the username as [admin](#) and password as [admin](#) and click on OK.



The image shows a screenshot of the Router Login page. The page has a white background with a light gray border. At the top center, the text "Router Login" is displayed. Below this, there are two input fields: "User Name:" and "Password:". Each field has a corresponding text box. At the bottom of the form, there are two buttons: "Login" and "Reset".

STEP 3: CONFIGURE WAN 3G SETTINGS

Click on [Setup >> WAN](#). Then click on [3G/4G](#) on the left hand side.

3G/4G WAN : Enable

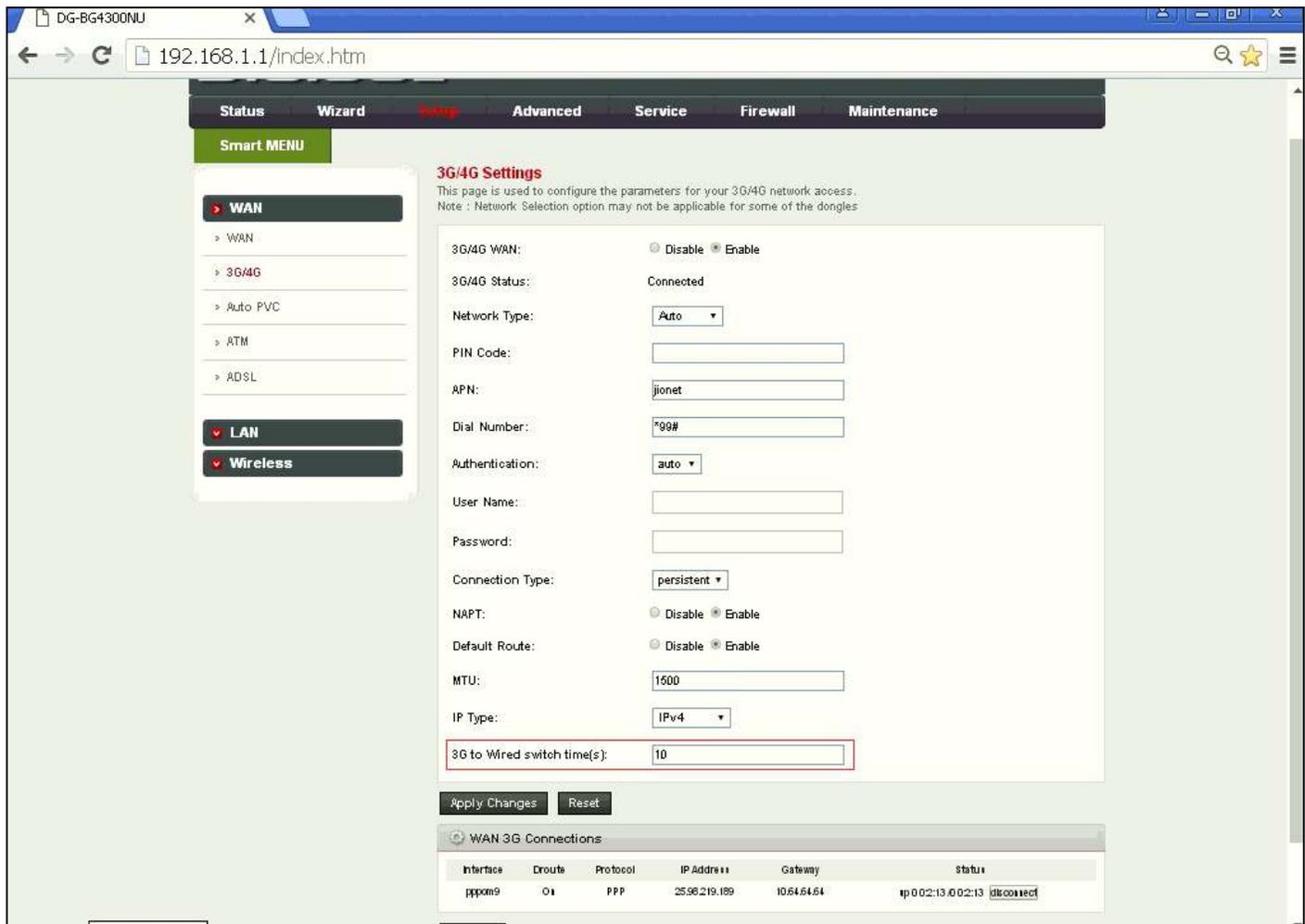
Network Type : Auto

APN : According to the ISP (Ex : For Jio Sim: jionet)

Dial Number : *99#

3G to WAN Switch Over Time(s) : 10

Check the [WAN 3G Connections](#) Table



The screenshot shows the '3G/4G Settings' page in a web browser. The browser address bar shows '192.168.1.1/index.htm'. The page has a navigation menu with 'Setup' selected. On the left, there is a 'Smart MENU' with 'WAN' selected. The main content area is titled '3G/4G Settings' and contains the following configuration options:

- 3G/4G WAN: Disable Enable
- 3G/4G Status: Connected
- Network Type: Auto
- PIN Code: [Empty]
- APN: jionet
- Dial Number: *99#
- Authentication: auto
- User Name: [Empty]
- Password: [Empty]
- Connection Type: persistent
- NAPT: Disable Enable
- Default Route: Disable Enable
- MTU: 1500
- IP Type: IPv4
- 3G to Wired switch time(s): 10

At the bottom, there are 'Apply Changes' and 'Reset' buttons. Below that is a table titled 'WAN 3G Connections':

Interface	Driver	Protocol	IP Address	Gateway	Status
ppp0m9	0x	PPP	25.96.219.189	10.64.64.64	ip 0 0:13.0 0:13 Disconnected

Click on [Apply Changes](#).

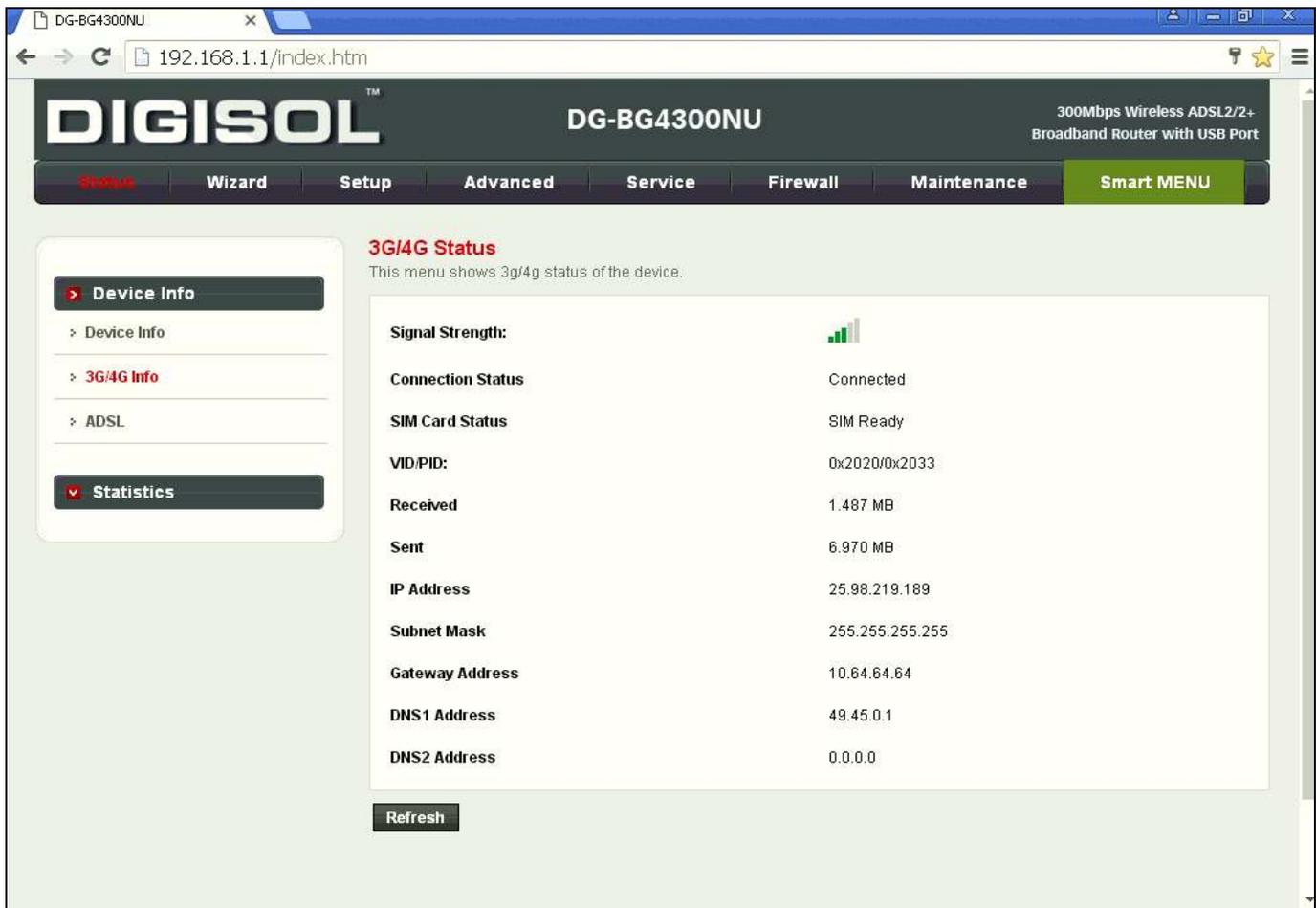
STEP 4: CHECK THE DONGLE STATUS

Status >> 3G/4G Info

[Signal Strength](#)

[Connection Status](#) : Connected

[Sim Card Status](#) : Sim Ready



The screenshot shows the web interface of the DIGISOL DG-BG4300NU router. The browser address bar shows the URL 192.168.1.1/index.htm. The interface has a navigation menu with options: Status, Wizard, Setup, Advanced, Service, Firewall, Maintenance, and Smart MENU. The main content area displays the 3G/4G Status page, which includes a sidebar with navigation options (Device Info, 3G/4G Info, ADSL, Statistics) and a main table of status information. A Refresh button is located at the bottom of the table.

3G/4G Status	
This menu shows 3g/4g status of the device.	
Signal Strength:	
Connection Status	Connected
SIM Card Status	SIM Ready
VID/PID:	0x2020/0x2033
Received	1.487 MB
Sent	6.970 MB
IP Address	25.98.219.189
Subnet Mask	255.255.255.255
Gateway Address	10.64.64.64
DNS1 Address	49.45.0.1
DNS2 Address	0.0.0.0

Now verify the internet access through DG-BG4300NU/IS router.

STEP 5: CONFIGURE THE ROUTER IN PPPOE MODE

Click on [Setup > WAN](#)

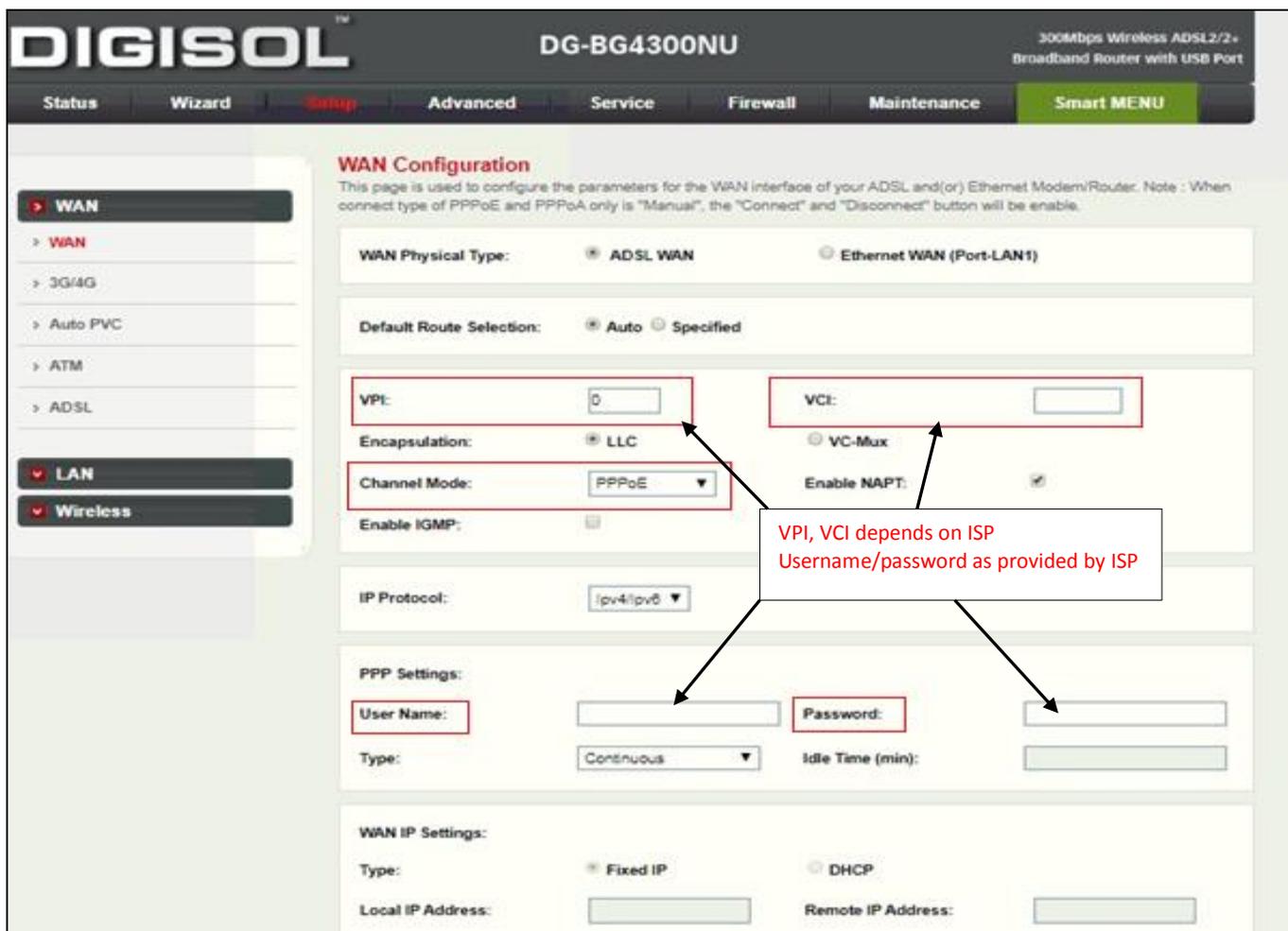
First delete the entry in [WAN Interface Table](#) which is at bottom of the page

[WAN Physical Type](#) > Select [ADSL WAN](#)

Enter [VPI](#) and [VCI](#) values as provided by the ISP (For Ex : For BSNL, VPI – 0 and VCI – 35)

[Channel Mode](#) : [PPPoE](#)

Enter [Username](#) and [Password](#) provided by the ISP



DIGISOL™ DG-BG4300NU 300Mbps Wireless ADSL2/2+ Broadband Router with USB Port

Status Wizard **Setup** Advanced Service Firewall Maintenance Smart MENU

WAN Configuration

This page is used to configure the parameters for the WAN interface of your ADSL and/or Ethernet Modem/Router. Note : When connect type of PPPoE and PPPoA only is "Manual", the "Connect" and "Disconnect" button will be enable.

WAN Physical Type: ADSL WAN Ethernet WAN (Port-LAN1)

Default Route Selection: Auto Specified

VPI: VCI:

Encapsulation: LLC VC-Mux

Channel Mode: Enable NAPT:

Enable IGMP:

IP Protocol:

PPP Settings:

User Name: Password:

Type: Idle Time (min):

WAN IP Settings:

Type: Fixed IP DHCP

Local IP Address: Remote IP Address:

VPI, VCI depends on ISP
Username/password as provided by ISP

Scroll to the end of the page, till you see the WAN Interfaces Table.

User Name: Password:

Type: Idle Time (min):

WAN IP Settings:

Type: Fixed IP DHCP

Local IP Address: Remote IP Address:

NetMask:

Default Route: Disable Enable Auto

Unnumbered:

IPv6 WAN Setting:

Address Mode:

DHCPv6 Mode:

Request DHCPv6 PD:

WAN Interfaces Table:

Select	Inf	Mode	VPI	VCI	Encap	NAPT	IGMP	DRoute	IP Addr	Remote IP	NetMask	User Name	Status	Edit
<input checked="" type="checkbox"/>	pppoe_1	PPPoE	0	35	LLC	On	Off	Off	59.89.191.227	218.248.170.49	255.255.255.255	dlinktech	up	

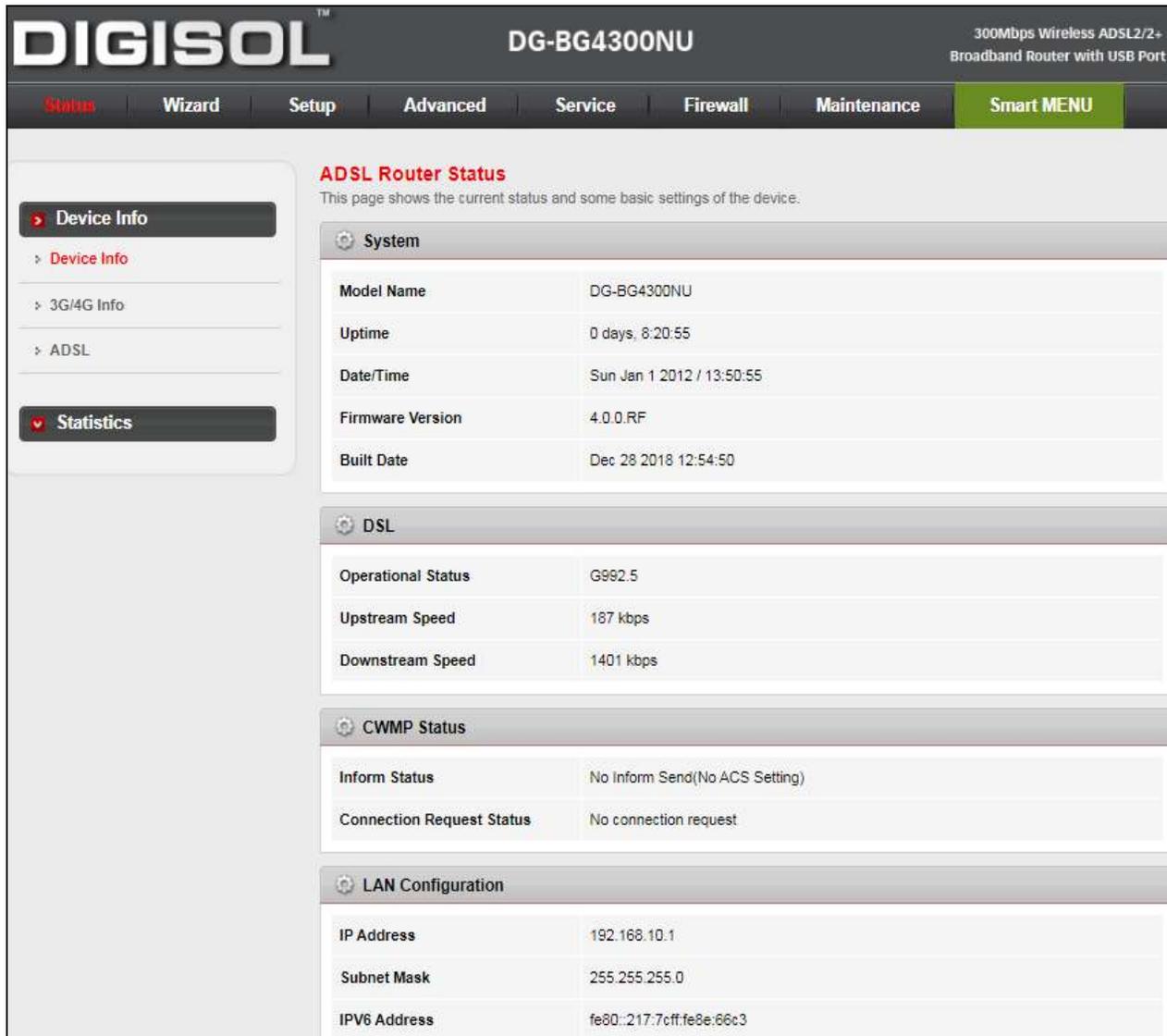
Note:
Please click the edit button/icon for more options such as Service name, VLAN ID, MAC clone, MTU etc.

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Email Support - helpdesk@digisol.com

Refresh and reboot the router.

STEP 6: CHECK THE DSL STATUS

Status >> Device Info >> ADSL WAN Interface Table.



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[Status](#) | [Wizard](#) | [Setup](#) | [Advanced](#) | [Service](#) | [Firewall](#) | [Maintenance](#) | **[Smart MENU](#)**

ADSL Router Status
This page shows the current status and some basic settings of the device.

Device Info

- Device Info
- 3G/4G Info
- ADSL

Statistics

System

Model Name	DG-BG4300NU
Uptime	0 days, 8:20:55
Date/Time	Sun Jan 1 2012 / 13:50:55
Firmware Version	4.0.0.RF
Built Date	Dec 28 2018 12:54:50

DSL

Operational Status	G992.5
Upstream Speed	187 kbps
Downstream Speed	1401 kbps

CWMP Status

Inform Status	No Inform Send(No ACS Setting)
Connection Request Status	No connection request

LAN Configuration

IP Address	192.168.10.1
Subnet Mask	255.255.255.0
IPv6 Address	fe80::217:7cff:fe8e:66c3

Subnet Mask	255.255.255.0
IPv6 Address	fe80::217:7cff:fe8e:66c3
DHCP Server	Enable
MAC Address	00:17:7C:8E:66:C3

⚙️ DNS Status

DNS Mode	Auto
DNS Servers	218.248.114.65 218.248.114.1
IPv6 DNS Mode	Auto
IPv6 DNS Servers	

⚙️ ADSL WAN Interfaces

Interface	VPI/VCI	Encap	Droute	Protocol	IP Address	Gateway	Status
pppoe1	0/35	LLC	Off	PPPoE	59.89.188.16	218.248.170.49	up 0 3:27:17 /0 3:27:17 disconnect

⚙️ ADSL WAN IPV6 Configuration

Interface	VPI/VCI	Encap	Protocol	IPv6 Address	Prefix	Gateway	Droute	Status
pppoe1	0/35	LLC	PPPoE					down

⚙️ Ethernet WAN Interfaces

Interface	Droute	Protocol	IP Address	Gateway	Status

⚙️ Ethernet WAN IPV6 Configuration

Interface	Protocol	IPv6 Address	Prefix	Gateway	Droute	Status

Refresh

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In this case ADSL WAN will be primary WAN by default. In case the DSL link goes down, the router will auto-switch to 3G/4G mode. Dongle status will get **disconnected** once the **ADSL** link is On.