

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

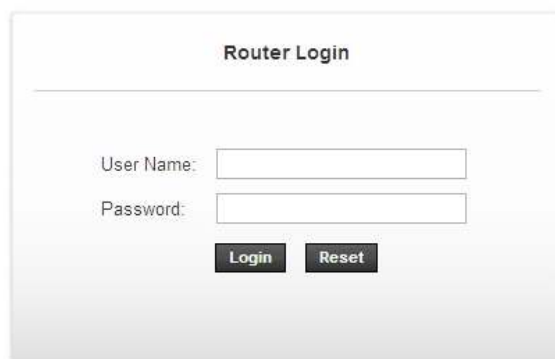
STEP 1: CONNECT DONGLE TO ROUTER

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 web browser window displaying the 'Router Login' page. The page has a light gray background with a white login box in the center. Inside the box, there is a title 'Router Login' at the top. Below the title, there are two input fields: 'User Name:' and 'Password:'. Each field has a corresponding text input box. At the bottom of the login box, 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

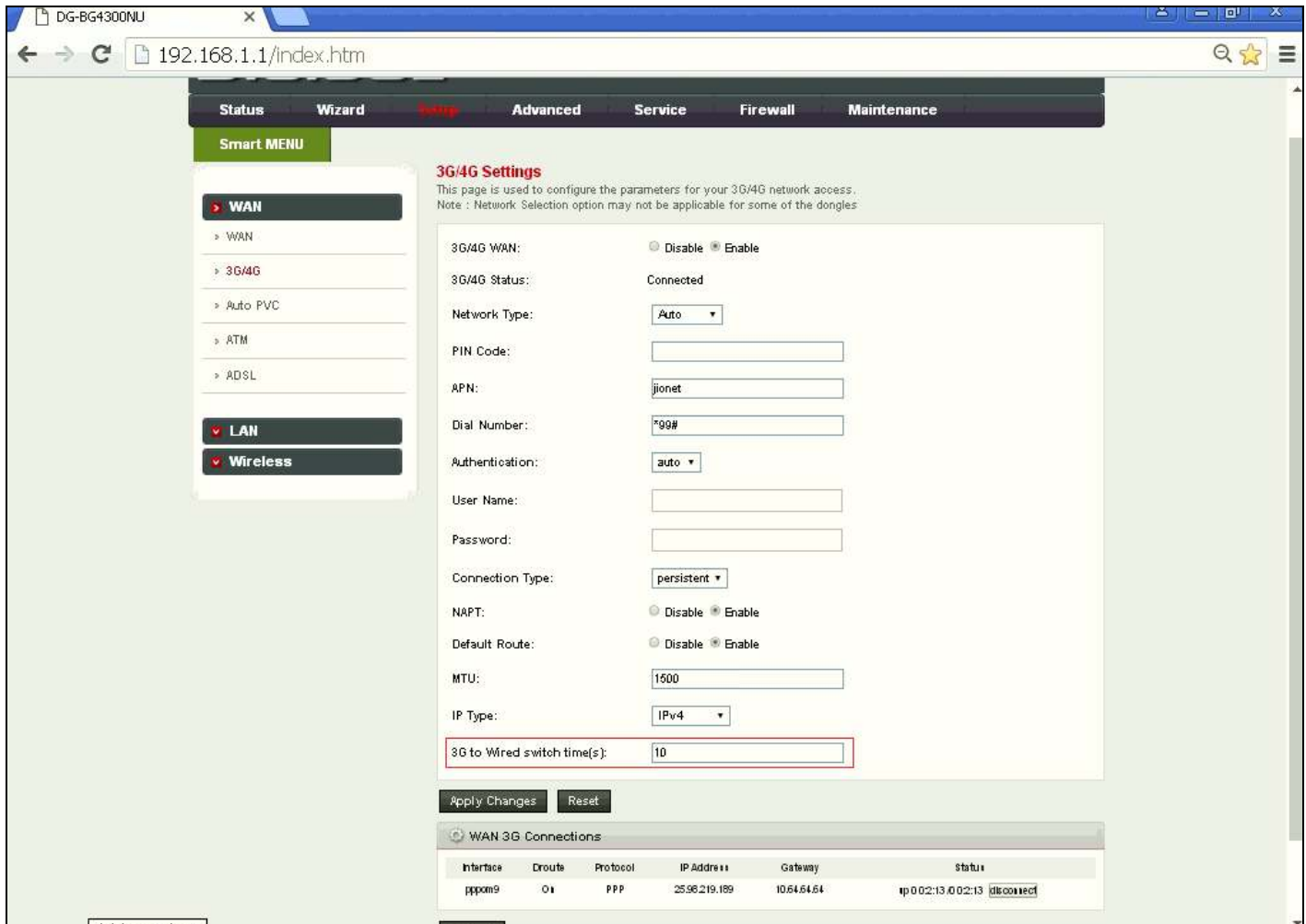
[Network Type](#) : Auto

[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



3G/4G Settings
This page is used to configure the parameters for your 3G/4G network access.
Note : Network Selection option may not be applicable for some of the dongles

3G/4G WAN: ☐ Disable ☒ Enable

3G/4G Status: Connected

Network Type:

PIN Code:

APN:

Dial Number:

Authentication:

User Name:

Password:

Connection Type:

NAPT: ☐ Disable ☒ Enable

Default Route: ☐ Disable ☒ Enable

MTU:

IP Type:

3G to Wired switch time(s):

WAN 3G Connections

Interface	Route	Protocol	IP Address	Gateway	Status
pppom9	On	PPP	25.96.219.189	10.64.64.64	up 0 0:13.0 0:13 disconnect

Click on [Apply Changes](#).

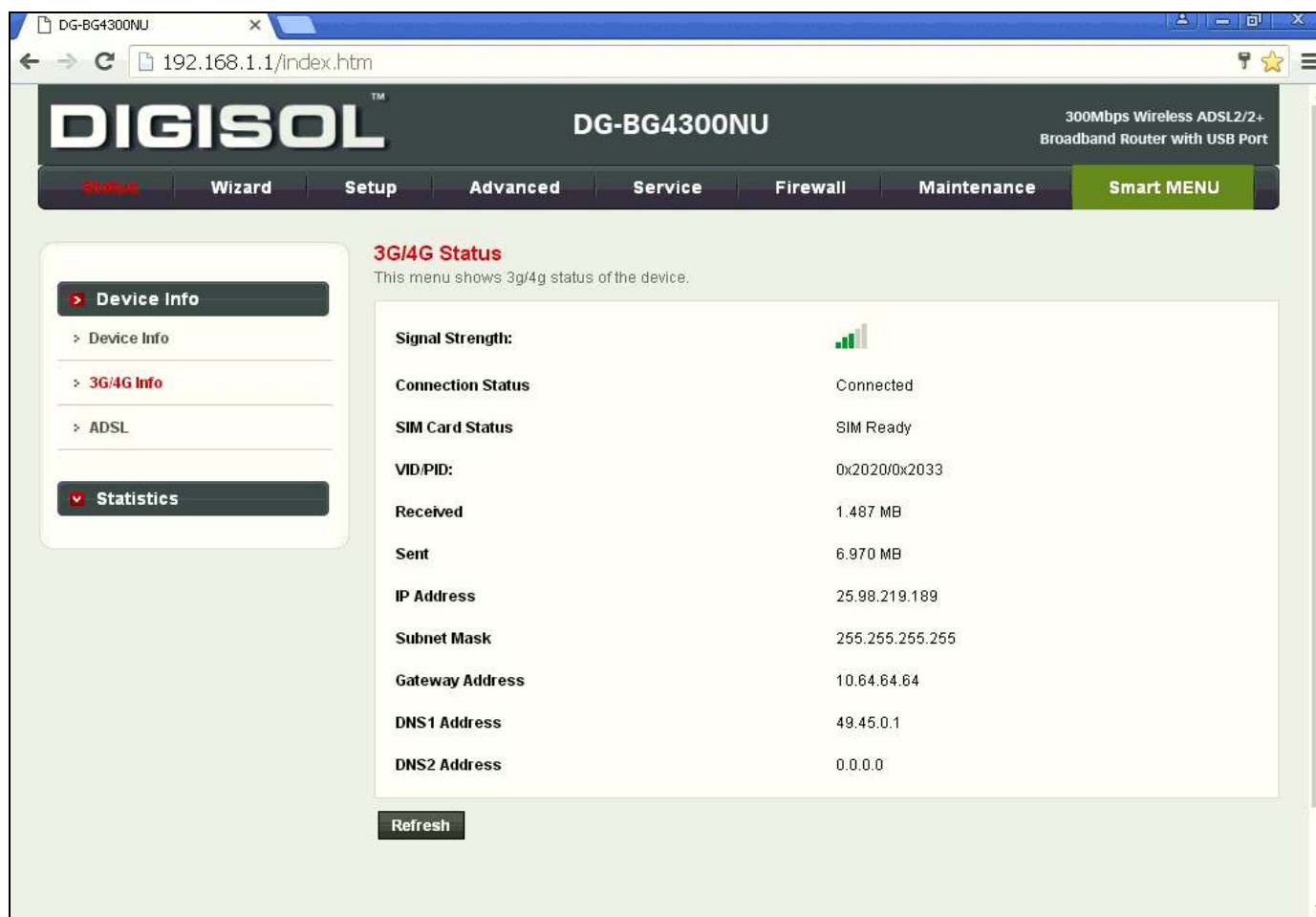
STEP 4: CHECK THE DONGLE STATUS

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 displays "192.168.1.1/index.htm". The interface has a dark header with the DIGISOL logo and the model name "DG-BG4300NU". Below the header is a navigation bar with tabs: Status, Wizard, Setup, Advanced, Service, Firewall, Maintenance, and Smart MENU. The main content area is titled "3G/4G Status" and includes a sub-header "This menu shows 3g/4g status of the device." On the left, there is a sidebar with a tree view containing "Device Info", "3G/4G Info" (selected), and "ADSL". Below this is a "Statistics" section. The main content area displays the following information:

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

At the bottom of the main content area, there is a "Refresh" button.

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

STEP 5: CONFIGURE THE ROUTER IN PPPOE MODE

Click on [Setup > WAN](#)

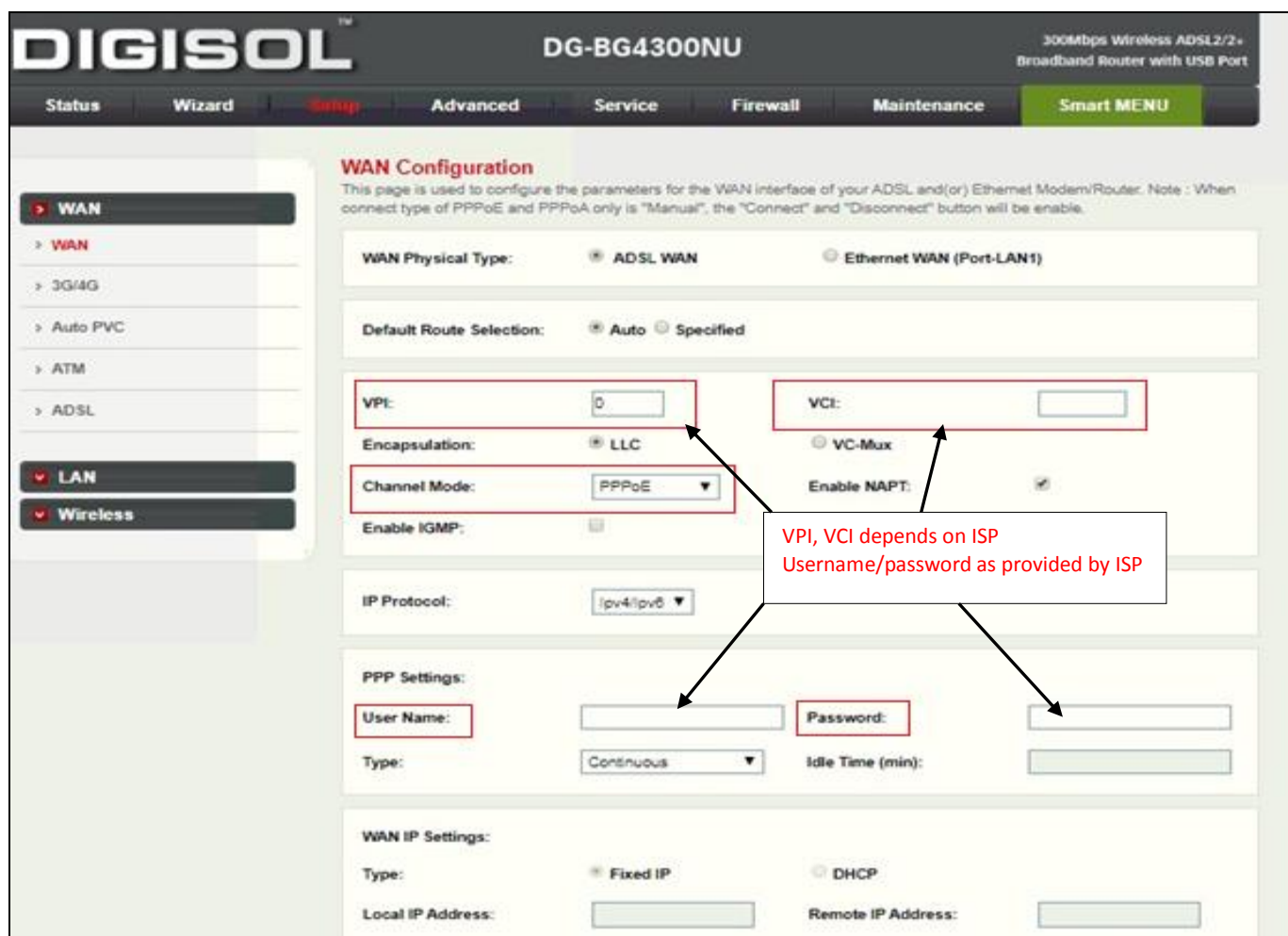
First delete the entry in [WAN Interface Table](#) which is at bottom of the page

[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: Continuous ▼ 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: Static ▼

DHCPv6 Mode: Auto ▼
Request DHCPv6 PD: ☒

Connect Disconnect Add Modify Delete Undo Refresh

WAN Interfaces Table:

Select	Inf	Mode	VPI	VCI	Encap	NAPT	IGMP	DRoute	IP Addr	Remote IP	NetMask	User Name	Status	Edit
☒	pppoe 1	PPPoE	0	35	LLC	On	Off	Off	59.89.191.22 7	218.248.170. 49	255.255.2 55.255	dlinktec h	up	 

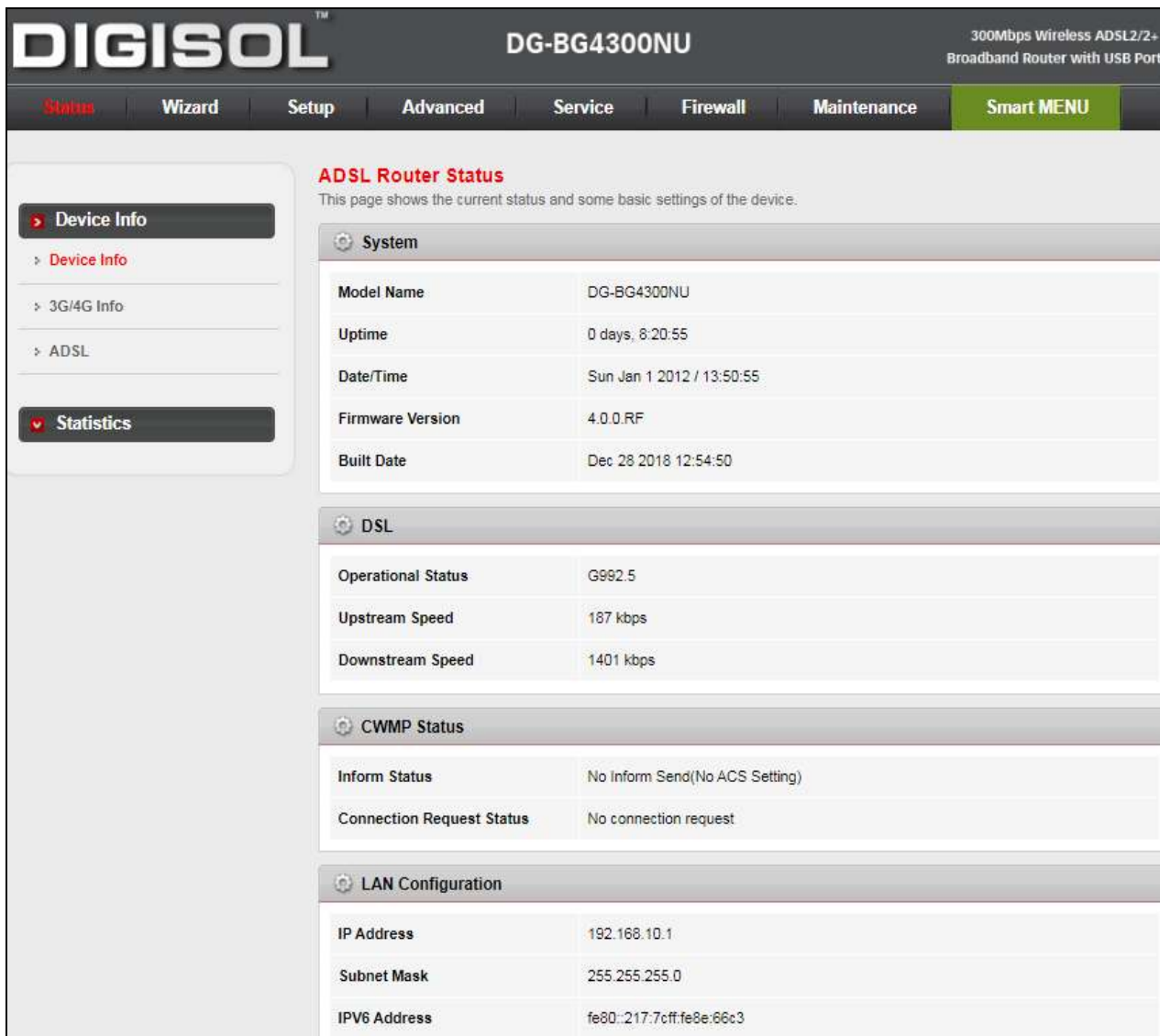
Note:
Please click the edit button/icon for more options such as Service name, VLAN ID, MAC clone, MTU etc.

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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.



The screenshot displays the web management interface for a DIGISOL DG-BG4300NU router. The top navigation bar includes tabs for Status, Wizard, Setup, Advanced, Service, Firewall, Maintenance, and Smart MENU. The left sidebar contains a menu with 'Device Info' (selected) and 'Statistics'. The main content area is titled 'ADSL Router Status' and includes a descriptive text: 'This page shows the current status and some basic settings of the device.' Below this, there are four expandable sections: System, DSL, CWMP Status, and LAN Configuration, each containing a table of status information.

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
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Ethernet WAN IPV6 Configuration

Interface	Protocol	IPv6 Address	Prefix	Gateway	Droute	Status
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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.