

[HOW TO CONFIGURE THE DG-BG4300N_u IN REPEATER MODE](#)

STEP 1: 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 you to do this one time configuration to be done using Internet Explorer.

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

The Router Login form features the DIGISOL logo at the top. Below the logo, the text "Router Login" is centered. The form contains two input fields: "User Name:" with the text "admin" entered, and "Password:" with four dots. At the bottom of the form, there are two buttons: "Login" (highlighted with a red box) and "Reset".



Router Login

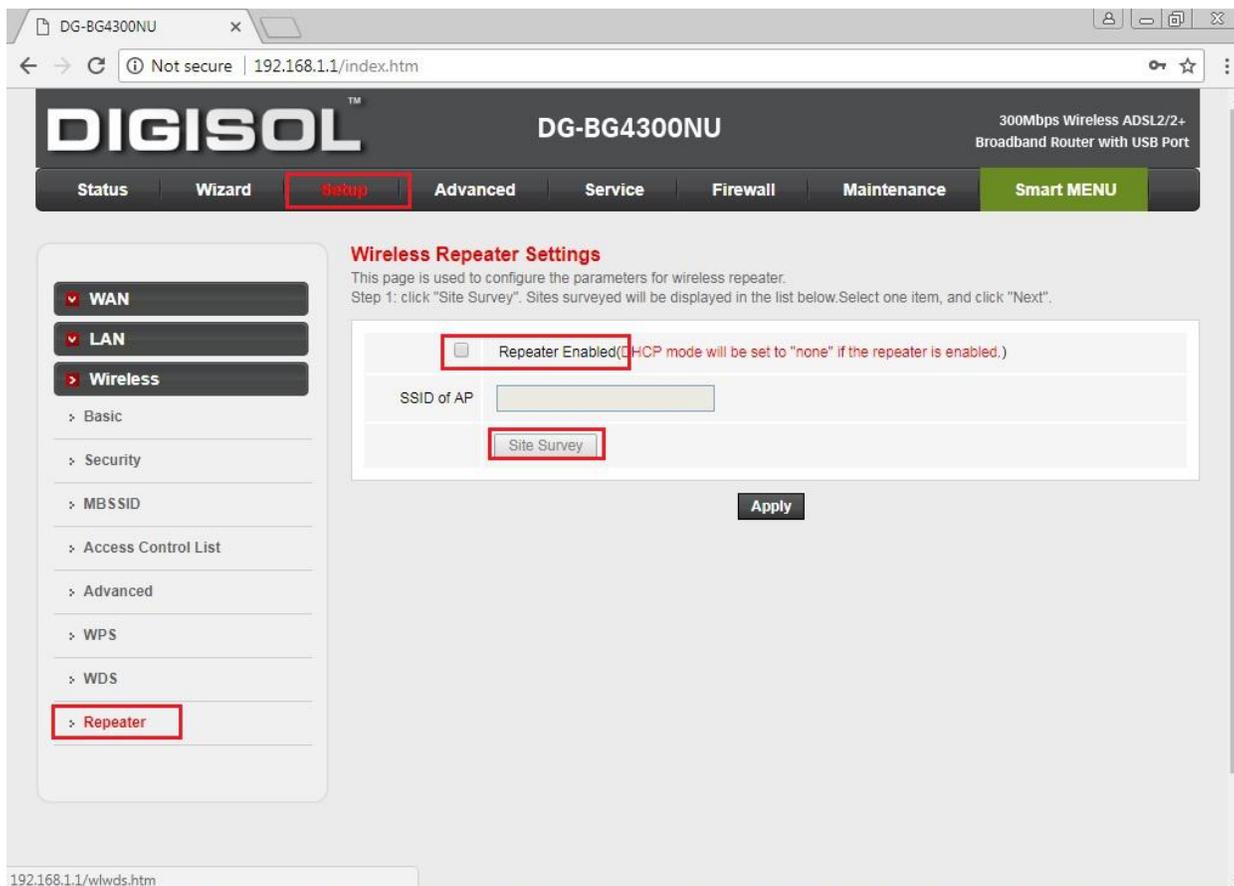
User Name:

Password:

STEP 2: CONFIGURE THE ROUTER IN REPEATER MODE

Click on [Wireless > Wireless Repeater](#).

Select [Repeater Enabled](#) and type the Wireless network name under [SSID of AP](#)(Main AP).



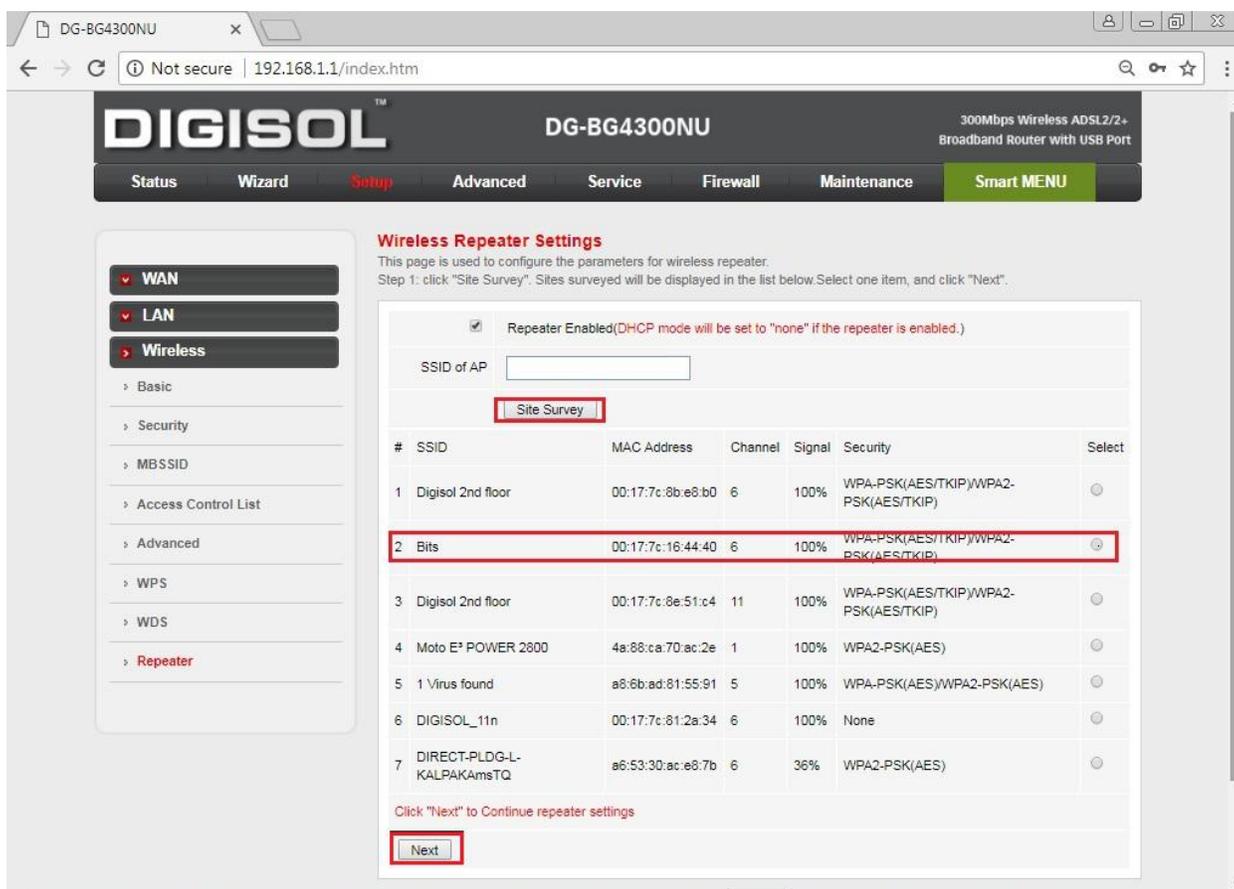
The screenshot displays the web management interface for the DIGISOL DG-BG4300NU router. The browser address bar shows the URL 192.168.1.1/index.htm. The top navigation bar includes tabs for Status, Wizard, Setup (highlighted), Advanced, Service, Firewall, Maintenance, and Smart MENU. The left sidebar lists configuration categories: WAN, LAN, Wireless (expanded), Basic, Security, MBSSID, Access Control List, Advanced, WPS, WDS, and Repeater (highlighted). The main content area is titled 'Wireless Repeater Settings' and contains the following elements:

- A checkbox labeled 'Repeater Enabled' with a note: '(DHCP mode will be set to "none" if the repeater is enabled.)'. This checkbox is checked.
- A text input field labeled 'SSID of AP'.
- A button labeled 'Site Survey'.
- An 'Apply' button at the bottom of the settings area.

At the bottom left of the browser window, the URL 192.168.1.1/wlws.htm is visible.

Click on [Site Survey](#). You will get the following message “ DHCP mode will be set to “none” of the repeater is enabled”. Click on [OK](#) to continue.

All the available wireless networks will be scanned and displayed as shown in the below screen. Select the wireless network of your router. Note down the encryption, channel and signal strength which will help you sync the repeater settings as per your main router. Click on [Next](#).



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

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

WAN LAN **Wireless**

- Basic
- Security
- MBSSID
- Access Control List
- Advanced
- WPS
- WDS
- Repeater**

Wireless Repeater Settings

This page is used to configure the parameters for wireless repeater.
Step 1: click "Site Survey". Sites surveyed will be displayed in the list below. Select one item, and click "Next".

Repeater Enabled(DHCP mode will be set to "none" if the repeater is enabled.)

SSID of AP

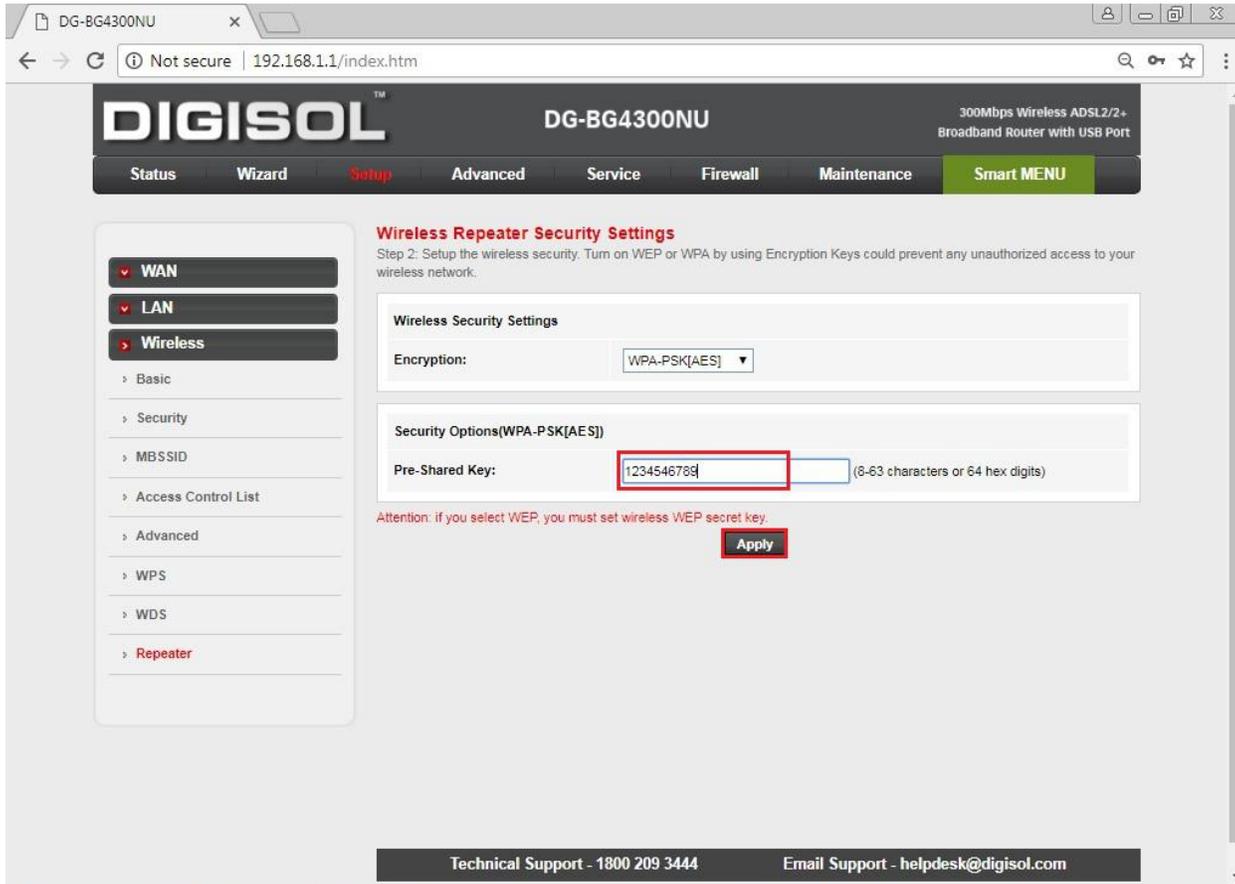
[Site Survey](#)

#	SSID	MAC Address	Channel	Signal	Security	Select
1	Digisol 2nd floor	00:17:7c:8b:e8:b0	6	100%	WPA-PSK(AES/TKIP)/WPA2-PSK(AES/TKIP)	<input type="radio"/>
2	Bits	00:17:7c:16:44:40	6	100%	WPA-PSK(AES/TKIP)/WPA2-PSK(AES/TKIP)	<input type="radio"/>
3	Digisol 2nd floor	00:17:7c:8e:51:c4	11	100%	WPA-PSK(AES/TKIP)/WPA2-PSK(AES/TKIP)	<input type="radio"/>
4	Moto E3 POWER 2800	4a:88:ca:70:ac:2e	1	100%	WPA2-PSK(AES)	<input type="radio"/>
5	1 Virus found	a8:6b:ad:81:55:91	5	100%	WPA-PSK(AES)/WPA2-PSK(AES)	<input type="radio"/>
6	DIGISOL_11n	00:17:7c:81:2a:34	6	100%	None	<input type="radio"/>
7	DIRECT-PLDG-L-KALPAKAmTQ	a6:53:30:ac:e8:7b	6	36%	WPA2-PSK(AES)	<input type="radio"/>

Click "Next" to Continue repeater settings

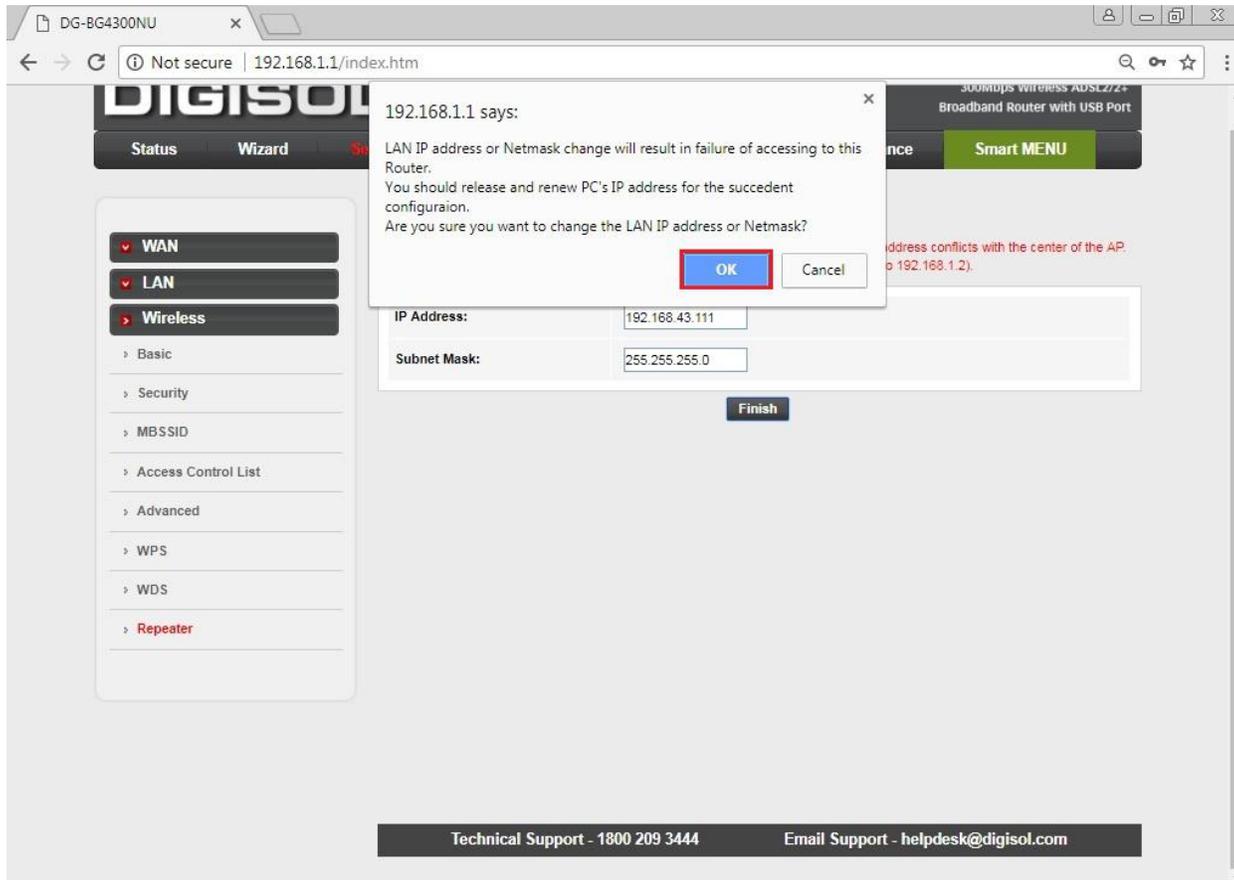
[Next](#)

You will be asked to enter the password which should be same as your main router and click on [Apply](#).



The screenshot shows the web interface of a DIGISOL DG-BG4300NU router. The browser address bar shows the URL 192.168.1.1/index.htm. The page title is "DIGISOL DG-BG4300NU 300Mbps Wireless ADSL2/2+ Broadband Router with USB Port". The navigation menu includes Status, Wizard, Setup, Advanced, Service, Firewall, Maintenance, and Smart MENU. The "Wireless" menu is expanded, showing options like Basic, Security, MBSSID, Access Control List, Advanced, WPS, WDS, and Repeater. The "Wireless Repeater Security Settings" section is active, with a sub-section for "Wireless Security Settings". The "Encryption" dropdown is set to "WPA-PSK(AES)". The "Pre-Shared Key" field contains the text "1234546789" and is highlighted with a red box. Below the key field is an "Apply" button, also highlighted with a red box. A note at the bottom of the section reads: "Attention: if you select WEP, you must set wireless WEP secret key." The footer contains "Technical Support - 1800 209 3444" and "Email Support - helpdesk@digisol.com".

On the next page, you will need to change the IP address of the repeater in the range of the main router. Since the IP of our router is 192.168.43.1, we have changed the IP address of DG-BG4300Nu to 192.168.43.111 as shown in the screen below:



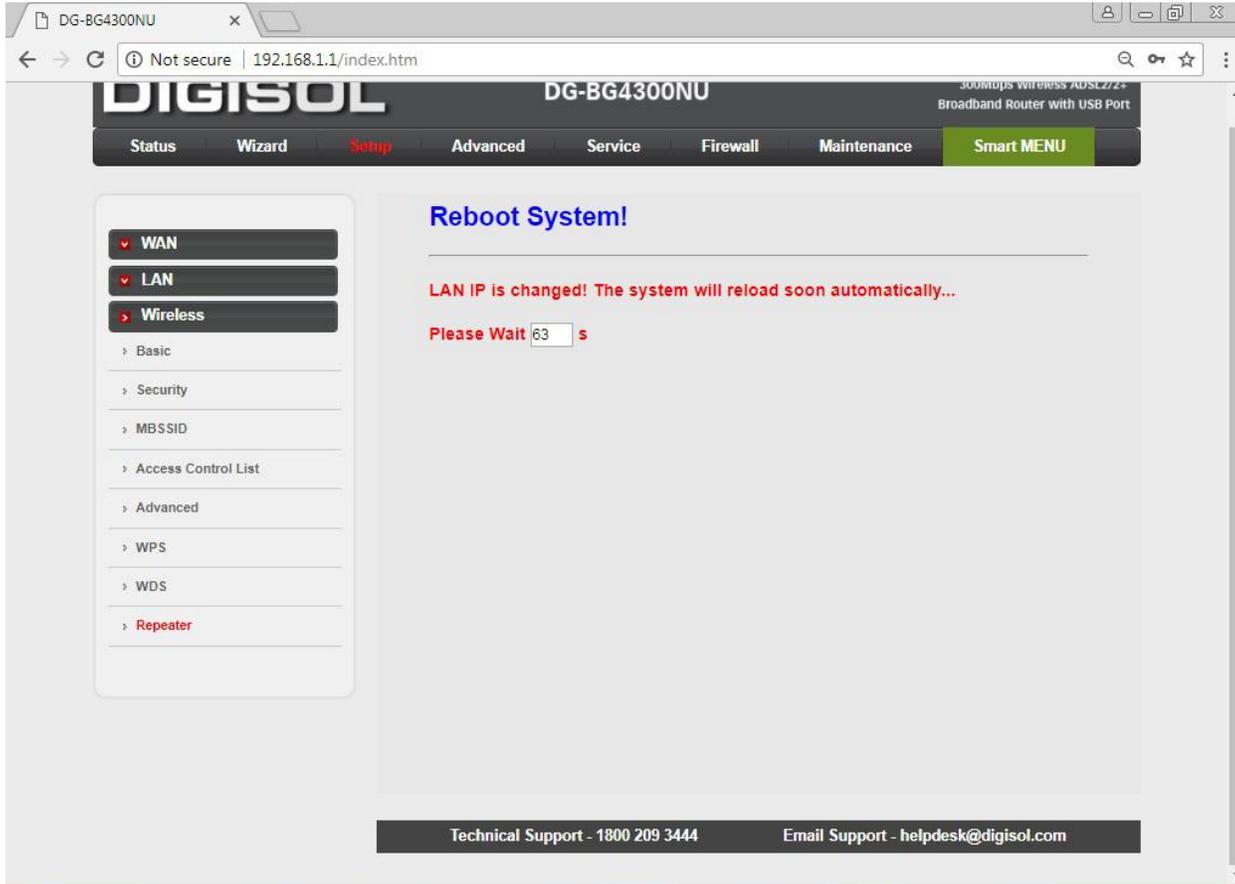
The screenshot shows the DIGISOL router configuration interface in a browser window. The browser address bar shows "192.168.1.1/index.htm". A warning dialog box is displayed over the configuration page, titled "192.168.1.1 says:". The dialog text reads: "LAN IP address or Netmask change will result in failure of accessing to this Router. You should release and renew PC's IP address for the succedent configuraion. Are you sure you want to change the LAN IP address or Netmask?". The dialog has "OK" and "Cancel" buttons. Below the dialog, the configuration page shows the "Repeater" section with the following fields:

IP Address:	192.168.43.111
Subnet Mask:	255.255.255.0

A "Finish" button is located below the configuration fields. The background configuration page shows a sidebar with menu items: WAN, LAN, Wireless, Basic, Security, MBSSID, Access Control List, Advanced, WPS, WDS, and Repeater. At the bottom of the page, there is a footer with "Technical Support - 1800 209 3444" and "Email Support - helpdesk@digisol.com".

Router DG-BG4300Nu will now reboot.

Wait till the reboot procedure is completed and once all the LEDs on DG-BG4300Nu are back to normal

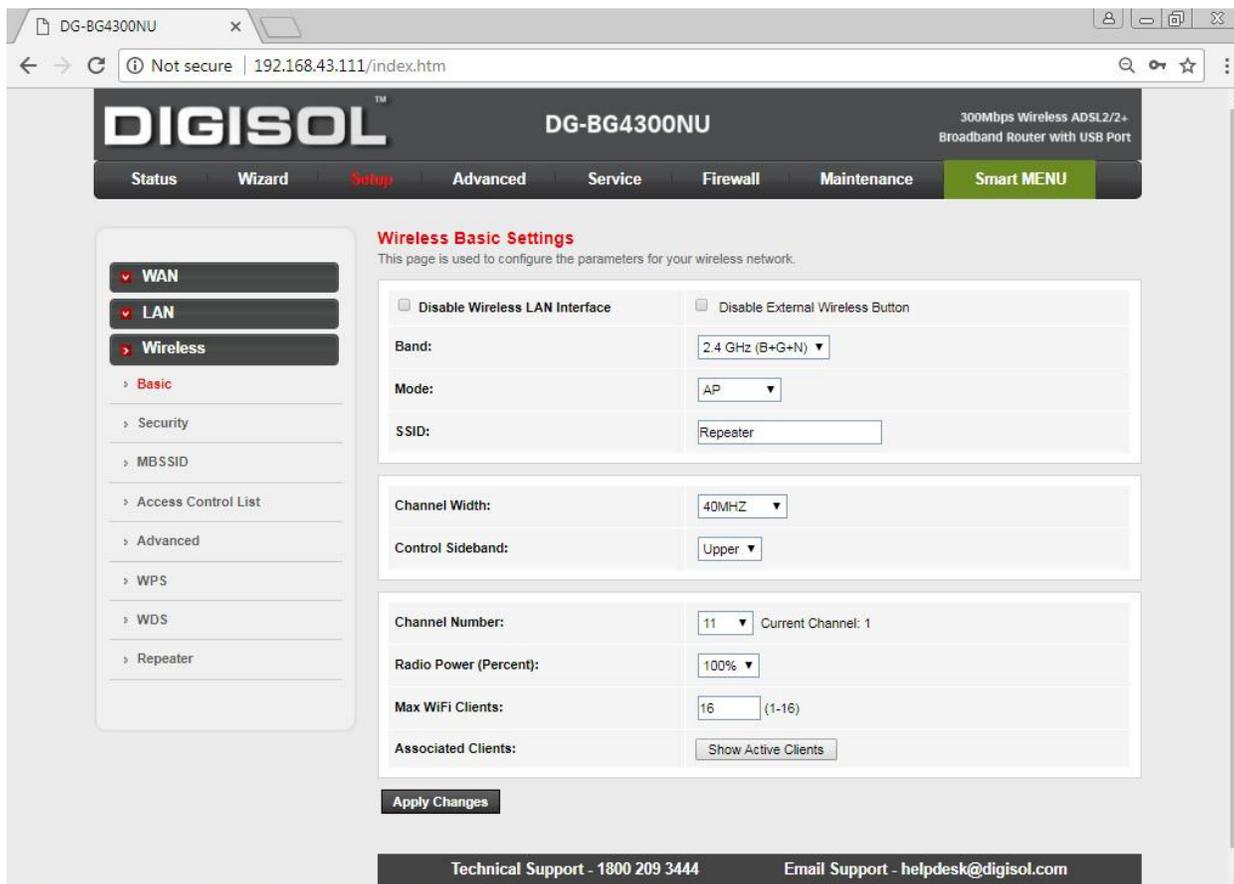


The screenshot shows the web interface of a DIGISOL DG-BG4300NU router. The browser address bar shows the URL 192.168.1.1/index.htm. The interface has a navigation menu with options: Status, Wizard, Setup, Advanced, Service, Firewall, Maintenance, and Smart MENU. The 'Smart MENU' option is highlighted in green. On the left side, there is a sidebar menu with expandable sections: WAN, LAN, Wireless, Basic, Security, MBSSID, Access Control List, Advanced, WPS, WDS, and Repeater. The main content area displays a 'Reboot System!' message in blue text. Below this, a red message states: 'LAN IP is changed! The system will reload soon automatically...'. A 'Please Wait' timer is shown with the number '63' and the unit 's'. At the bottom of the interface, there is a footer with 'Technical Support - 1800 209 3444' and 'Email Support - helpdesk@digisol.com'.

Once the router DG-BG4300Nu reboots, open the page with the changed IP address i.e.: 192.168.43.111 as in our setup. You can now configure separate SSID for your repeater. To do this, login to the page and click on [Setup](#) > [Wireless](#) > [Basic](#)

Enter a new name in SSID

Click on [Apply](#).



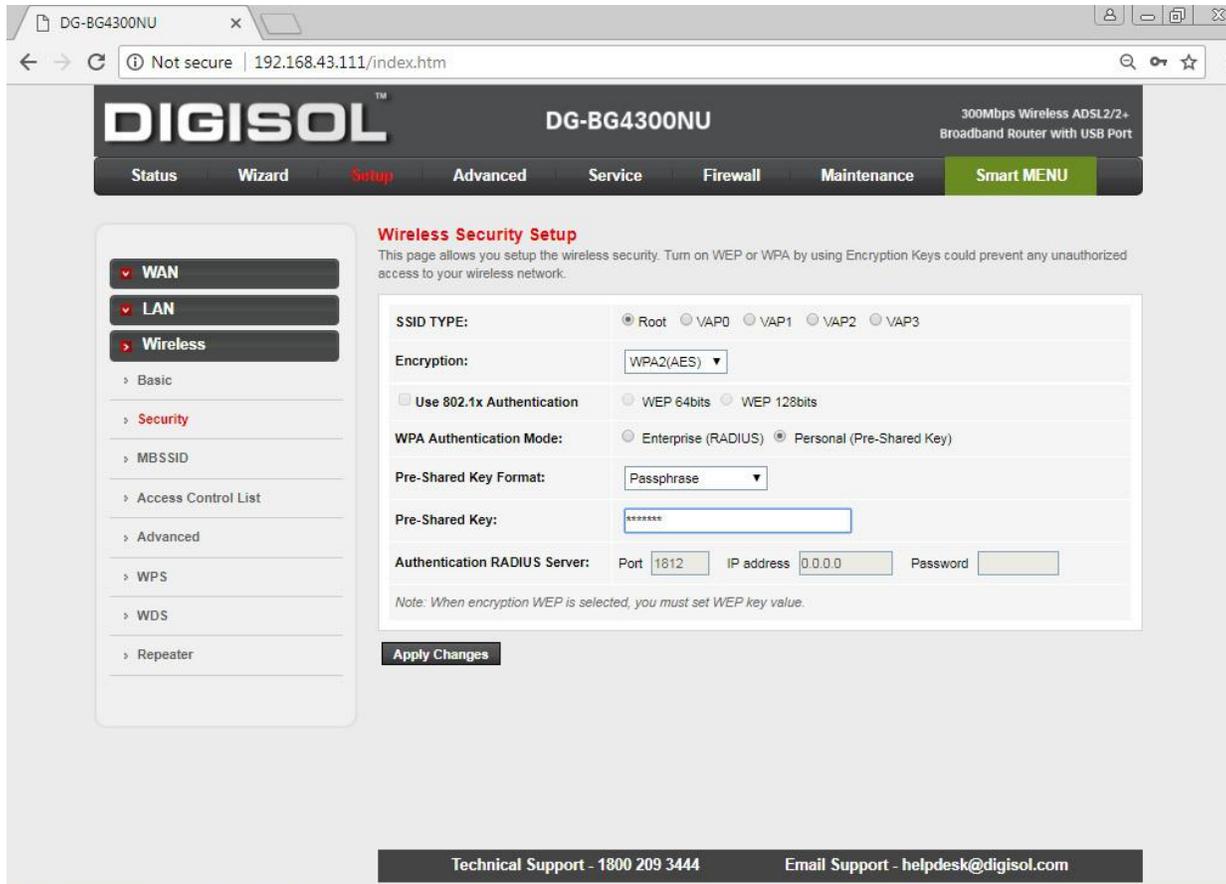
The screenshot shows the web interface of the DIGISOL DG-BG4300NU router. The browser address bar shows the URL 192.168.43.111/index.htm. The page title is DIGISOL™ DG-BG4300NU 300Mbps Wireless ADSL2/2+ Broadband Router with USB Port. The navigation menu includes Status, Wizard, Setup, Advanced, Service, Firewall, Maintenance, and Smart MENU. The left sidebar shows a tree view with WAN, LAN, Wireless, Basic, Security, MBSSID, Access Control List, Advanced, WPS, WDS, and Repeater. The main content area is titled "Wireless Basic Settings" and contains the following configuration options:

- Disable Wireless LAN Interface
- Disable External Wireless Button
- Band: 2.4 GHz (B+G+N)
- Mode: AP
- SSID: Repeater
- Channel Width: 40MHZ
- Control Sideband: Upper
- Channel Number: 11 (Current Channel: 1)
- Radio Power (Percent): 100%
- Max WiFi Clients: 16 (1-16)
- Associated Clients: Show Active Clients

An "Apply Changes" button is located at the bottom of the settings section. At the bottom of the page, there is a footer with "Technical Support - 1800 209 3444" and "Email Support - helpdesk@digisol.com".

Configure the security settings for the repeater as per your need as shown below screen.

Click on “Apply Changes”



Technical Support - 1800 209 3444 Email Support - helpdesk@digisol.com

Router will now reboot.

Scan and connect the wireless repeater SSID on your mobile or laptop wirelessly and access internet.