

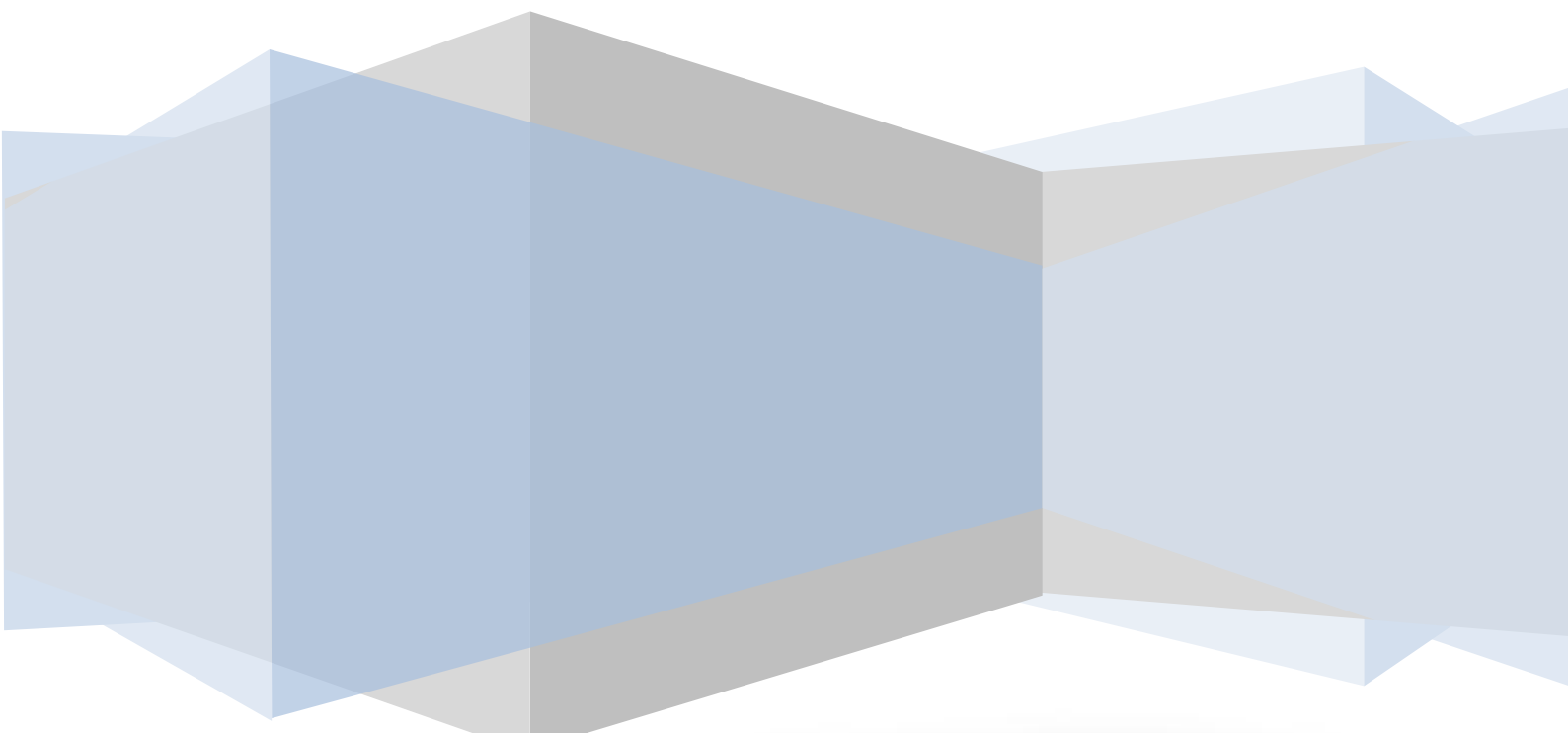
D-Link[®]

Building Networks for People

PPPoE Setup.

DSL-2640/NRU

Compiled by Mell Truter D-Link Africa



...
PEOPLE | PRODUCT | PASSION

Pinnacle
AFRICA

System Requirements and Equipment

- A computer with any operating system that supports a web browser.
- A web browser to access the web-based interface of the router: Windows Internet Explorer, Mozilla Firefox, or Opera
- A NIC (Ethernet or Wi-Fi adapter) to connect to the router.
- A 802.11b, g, or n Wi-Fi adapter to create a wireless network.

DSL-2640/NRU

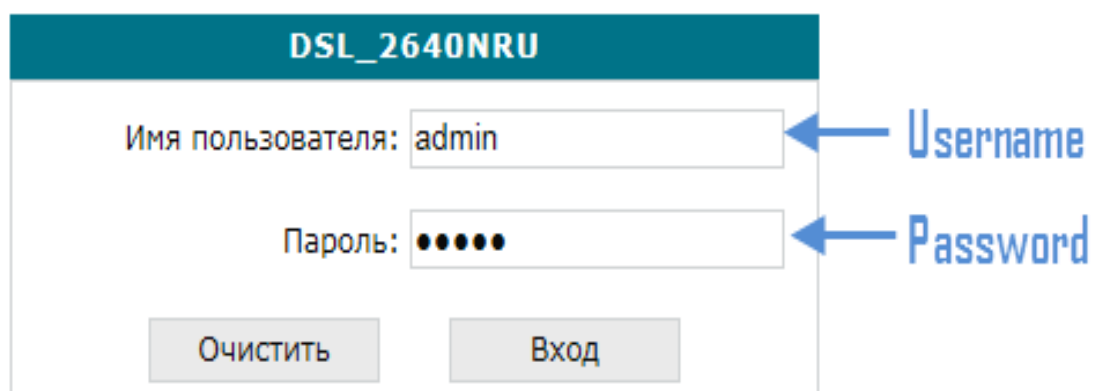
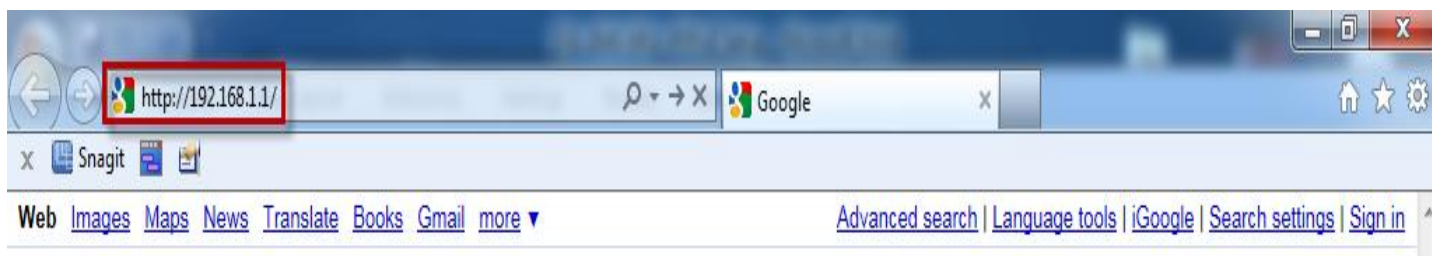


Step 1:

Open your Internet Browser and type in the Default IP address of the Router **192.168.1.1**

Username: admin

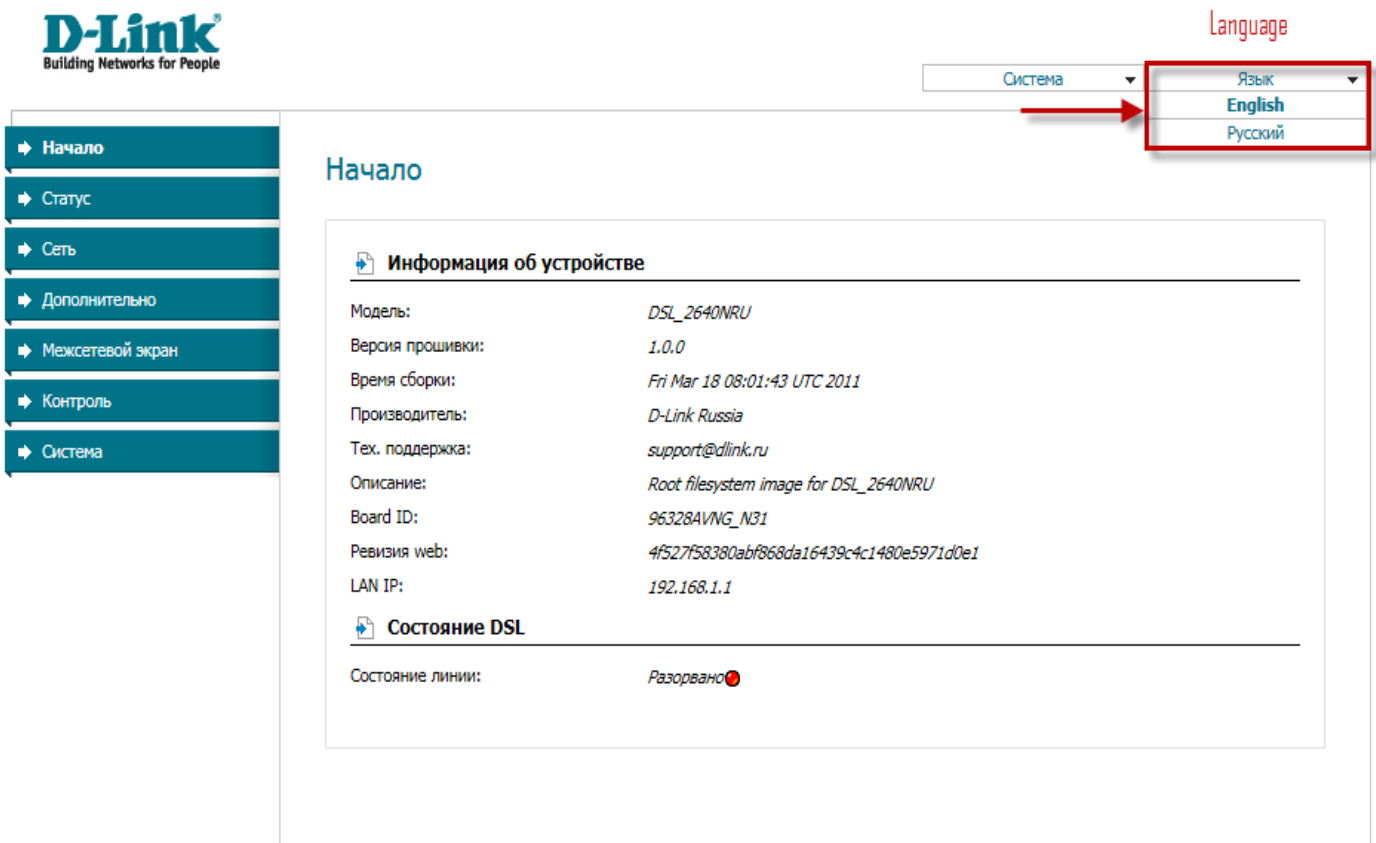
Password: admin

A screenshot of the login page for a D-Link DSL_2640NRU router. The page has a teal header with the text "DSL_2640NRU". Below the header, there are two input fields. The first field is labeled "Имя пользователя:" (Username) and contains the text "admin". A blue arrow points from the word "Username" to this field. The second field is labeled "Пароль:" (Password) and contains six black dots. A blue arrow points from the word "Password" to this field. At the bottom of the form, there are two buttons: "Очистить" (Clear) and "Вход" (Login).

Step 2: Changing the Language.

Once Logged in there is a **language/Язык** option on the top, right hand side of the Screen.

- Select English



The screenshot displays the D-Link web interface. On the left is a navigation sidebar with menu items: Начало, Статус, Сеть, Дополнительно, Межсетевой экран, Контроль, and Система. The main content area is titled "Начало" and contains two sections: "Информация об устройстве" and "Состояние DSL". In the top right corner, there is a "Система" dropdown menu. A red box highlights the "Язык" dropdown menu, which is open and shows three options: "Язык", "English", and "Русский". A red arrow points to the "English" option. The D-Link logo is visible in the top left corner.

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Система ▼

Language

Язык ▼

English

Русский

Начало

Информация об устройстве

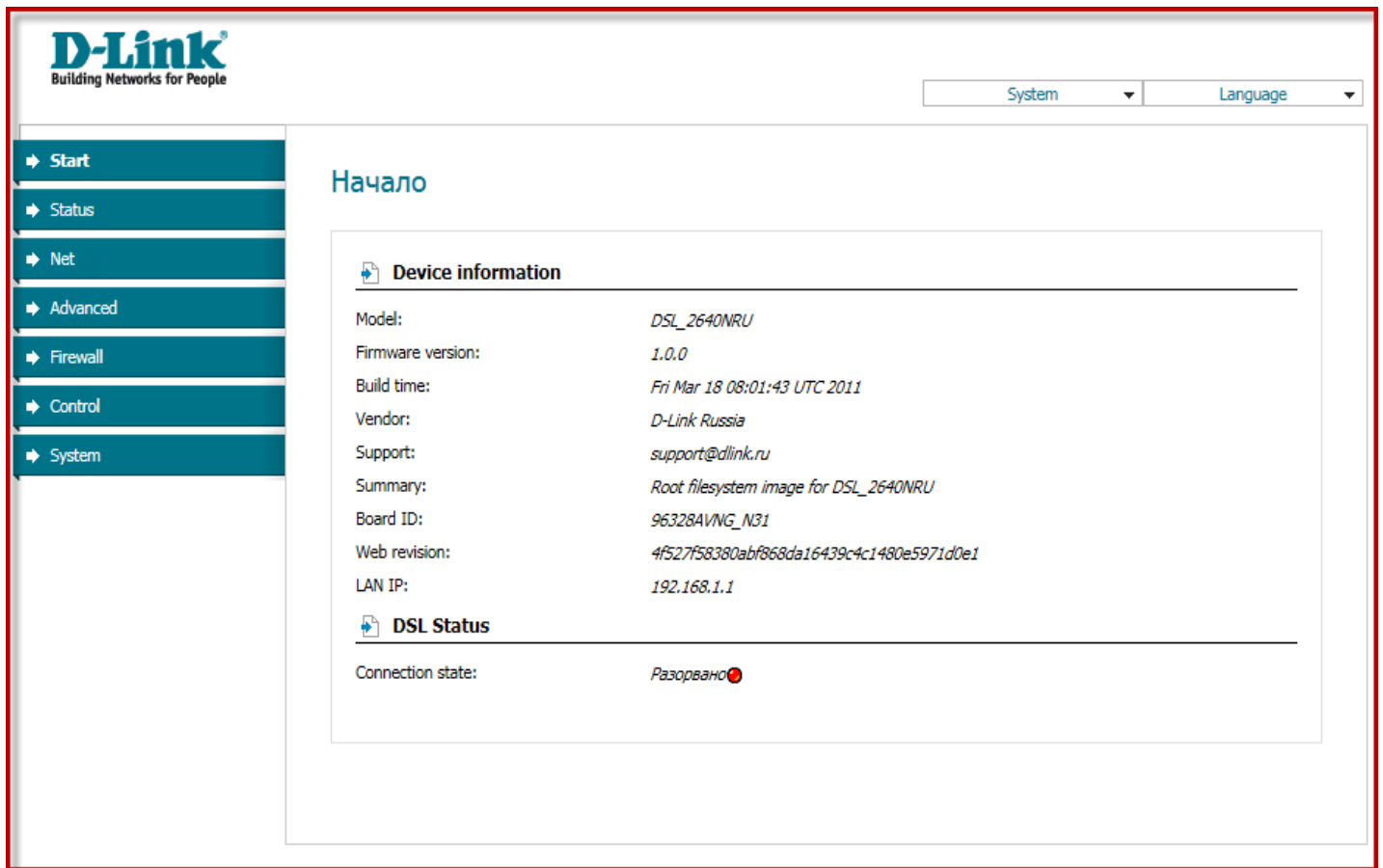
Модель:	DSL_2640NRU
Версия прошивки:	1.0.0
Время сборки:	Fri Mar 18 08:01:43 UTC 2011
Производитель:	D-Link Russia
Тех. поддержка:	support@dlink.ru
Описание:	Root filesystem image for DSL_2640NRU
Board ID:	96328AVNG_N31
Ревизия web:	4f527f58380abf868da16439c4c1480e5971d0e1
LAN IP:	192.168.1.1

Состояние DSL

Состояние линии:	Разорвано
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All Data will now be in English.



The screenshot shows the D-Link web interface with the language set to Russian. The left sidebar contains navigation options: Start, Status, Net, Advanced, Firewall, Control, and System. The main content area is titled "Начало" (Start) and displays "Device information" and "DSL Status".

Device information	
Model:	DSL_2640NRU
Firmware version:	1.0.0
Build time:	Fri Mar 18 08:01:43 UTC 2011
Vendor:	D-Link Russia
Support:	support@dlink.ru
Summary:	Root filesystem image for DSL_2640NRU
Board ID:	96328AVNG_N31
Web revision:	4f527f58380abf868da16439c4c1480e5971d0e1
LAN IP:	192.168.1.1

DSL Status	
Connection state:	Разорвано 

NOTE:

The unit will automatically revert back to default language (Russian) after it has been switched off or been restored to factory default settings



Step 3: PPPoE Connection.

- 1.) Click on [Net](#) then
- 2.) [Connections](#) followed by
- 3.) [Add](#)

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System Language

⚠ Device configuration was changed Save

Net / Connections

Connections

You can add, edit and delete connections here

Name	Connection Type	Physical interface	Enable	Default gateway	Direction	Status
LAN	ipoe		Yes	<input type="radio"/>	LAN	Connected

Add

Step 4:

- Change your **VPI to 8** and ensure that the VCI is set to 35 (default)
- Type in your PPP username and password as provided to you by your ISP. Service name is optional and can therefore be left blank.
MTU: 1492
- Scroll down and enable **keep alive**.
- **NAT** and **Firewall** should be enabled by default. Tick the respective radio buttons should it not be.
- Click on Save



Net / Connections

General settings

Connection type and common settings

Name:	<input type="text" value="pppoe_0_35_0"/>
Connection Type:	<input type="text" value="PPPoE"/>
Enable:	<input checked="" type="checkbox"/>
Direction:	<i>WAN</i>


Physical layer

Physical interface selection and tuning

Physical interface:	<input type="text" value="Create"/>
VPI (0-255):	<input type="text" value="8"/>
VCI (32-65535):	<input type="text" value="35"/>
Encapsulation Mode:	<input type="text" value="LLC"/>
QoS:	<input type="text" value="UBR"/>

PPP settings

Enter the username, password, and other settings provided by the ISP. Leave the default values for the remaining fields.

PPP Username:	<input type="text" value="guest@telkomadsl"/>
Without authorization:	<input type="checkbox"/>
Password:	<input type="password" value="•••••"/>
Password confirmation:	<input type="password" value="•••••"/>
Authentication algorithm:	<input type="text" value="AUTO"/>
Service name:	<input type="text"/>
Dial on demand:	<input type="checkbox"/>
MTU:	<input type="text" value="1492"/>
PPP IP extension:	<input type="checkbox"/>
Keep Alive:	<input checked="" type="checkbox"/> 
LCP interval (sec):	<input type="text" value="30"/>
LCP fails:	<input type="text" value="3"/>
Use Static IP Address:	<input type="checkbox"/>
PPP debug:	<input type="checkbox"/>
PPPoE pass through:	<input type="checkbox"/>
Interface:	<input type="text"/>



VLAN settings

Virtual local area network settings

Use VLAN:

Miscellaneous

Enable RIP:

Enable IGMP Multicast: ✓



NAT: ✓

firewall: ✓

 **Save**

- The router will automatically redirect to the home page once settings have been applied.
Click on **Save & Reboot** to permanently save the settings to the Device

Net / Connections

 **System**  **Save & Reboot**

Connections

You can add, edit and delete connections here

Name	Connection Type	Physical interface	Enable	Default gateway	Direction	Status
pppoe_8_35_0	pppoe	atm0(8/35)	Yes	<input type="radio"/>	WAN	Unconfigured
LAN	ipoe		Yes	<input type="radio"/>	LAN	Connected

Add



(the DSL-2640/NRU is now Rebooting)

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System Language

Start
Status
Net
Connections
Wi-Fi
EtherWAN
Advanced
Firewall
Control
System

Net / Connections

Connections

You can add, edit and delete connections here

Name	Connection Type	Physical interface	Enable	Default gateway	Direction	Status
pppoe_8_35_0	pppoe	atm0(8/35)	Yes	<input type="radio"/>	WAN	Unconfigured
LAN	ipoe		Yes	<input type="radio"/>	LAN	Connected

rebooting...

Add



Once the DSL-2640/NRU has successfully saved and rebooted it will indicate a DSL Status:



- **Status Up** → Internet the connection is successful.
- **Authentication Failure** → Username and Password (Provided by ISP) Is incorrectly typed in.
- **PPPoE Down** → There is a Problem at the ISP ,
Confirm with ISP that all services are up and running.
- **Link down/ Disconnected** → ADSL Line is faulty or not properly connected to the Unit



System ▾ Language ▾

- ➔ Start
- ➔ Status
- ➔ Net
- ➔ Advanced
- ➔ Firewall
- ➔ Control
- ➔ System

Start

Device information

Model:	<i>DSL_2640NRU</i>
Firmware version:	<i>1.0.0</i>
Build time:	<i>Fri Mar 18 08:01:43 UTC 2011</i>
Vendor:	<i>D-Link Russia</i>
Support:	<i>support@dlink.ru</i>
Summary:	<i>Root filesystem image for DSL_2640NRU</i>
Board ID:	<i>96328AVNG_N31</i>
Web revision:	<i>4f527f58380abf868da16439c4c1480e5971d0e1</i>
LAN IP:	<i>192.168.1.1</i>

DSL Status

Connection state:	<i>Down/Up /ADSL Link Down /etc</i>
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