



ИНСТРУКЦИЯ ПО НАСТРОЙКЕ МОДЕМА TP-LINK TD8960N ДЛЯ РАБОТЫ ОДНОВРЕМЕННО С ВНУТРЕННИМИ И ВНЕШНИМИ РЕСУРСАМИ

1. Зайдите в web-интерфейс модема. Для этого откройте любой браузер (Internet Explorer, Google Chrome, Firefox, Opera) и введите в адресной строке:

http://192.168.1.1/

Для входа используйте логин: «admin», стандартный пароль – «admin» (без кавычек)

2. Заходим в «ATM interface» удаляем все существующие интерфейсы (сначала в Wan service, затем в ATM Interface), затем создаем новый ATM Interface таким образом (сохраняем кнопкой :

ATM PVC Configuration

This screen allows you to configure an ATM PVC identifier (VPI and VCI), select DSL latency, select a service category. Otherwise choose an existing interface by s

VPI: [0-255]

VCI: [32-65535]

Прямоугольник

Select DSL Link Type (EoA is for PPPoE, IPoE, and Bridge.)

- EoA
 PPPoA
 IPoA

Encapsulation Mode:

Service Category:

Select Connection Mode

- Default Mode - Single service over one connection
 VLAN MUX Mode - Multiple Vlan service over one connection
 MSC Mode - Multiple Service over one Connection

Enable Quality Of Service

Enabling packet level QoS for a PVC improves performance for selected classes of applications. QoS cannot be set for CBR and Realtime VBR. QoS consumes priorities for the applications.

Enable Quality Of Service.

3. Переходим в "WAN Service", там уже ничего не должно остаться, после удаления в 1 пункте. Создаем новый сервис, жмем «Next», «Next», «Next»:



WAN Service Interface Configuration

Select a layer 2 interface for this service

Note: For ATM interface, the descriptor string is (portid_vpi_vci)

For PTM interface, the descriptor string is (portid_high_low)

Where portid=0 --> DSL Latency PATH0

portid=1 --> DSL Latency PATH1

portid=4 --> DSL Latency PATH0&1

low =0 --> Low PTM Priority not set

low =1 --> Low PTM Priority set

high =0 --> High PTM Priority not set

high =1 --> High PTM Priority set

Select WAN Service Interface:

atm0/(0_8_35) ▾

Back

Next

WAN Service Configuration

Select WAN service type:

PPP over Ethernet (PPPoE)

IP over Ethernet

Bridging

Enter Service Description:

ipoe_0_8_35_3

Back

Next



WAN IP Settings

Enter information provided to you by your ISP to configure the WAN IP settings.

Notice: If "Obtain an IP address automatically" is chosen, DHCP will be enabled for PVC in MER mode.

If "Use the following Static IP address" is chosen, enter the WAN IP address, subnet mask and interface gateway.

Obtain an IP address automatically

Option 60 Vendor ID:

Option 61 IAID:

(8 hexadecimal digits)

Option 61 DUID:

(hexadecimal digit)

Option 125:

Disable Enable

Use the following Static IP address:

WAN IP Address:

WAN Subnet Mask:

WAN gateway IP Address:

[Back](#) [Next](#)

Network Address Translation Settings

Network Address Translation (NAT) allows you to share one Wide Area Network (WAN) IP address for multiple computers on your Local Area Network (LAN).

Enable NAT

Enable Fullcone NAT

Enable SPI Firewall

IGMP Multicast

Enable IGMP Multicast

Enable MLD Multicast Proxy

[Back](#) [Next](#)



WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP.

PORT / VPI / VCI:	0 / 8 / 35
Connection Type:	IPoE
Service Name:	ipoe_0_8_35_3
Service Category:	UBR
IP Address:	Automatically Assigned
Service State:	Enabled
NAT:	Enabled
Full Cone NAT:	Enabled
SPI Firewall:	Disabled
IGMP Multicast:	Disabled
Quality Of Service:	Disabled

Click "Save/Apply" to have this interface to be effective. Click "Back" to make any modifications.

[Back](#) [Apply/Save](#)

4. Нажимаем «Save/Apply», затем создаем еще 1 сервис со следующими настройками:

WAN Service Interface Configuration

Select a layer 2 interface for this service

Note: For ATM interface, the descriptor string is (portId_vpi_vci)

For PTM interface, the descriptor string is (portId_high_low)

Where portId=0 → DSL Latency PATH0

portId=1 → DSL Latency PATH1

portId=4 → DSL Latency PATH0&1

low =0 → Low PTM Priority not set

low =1 → Low PTM Priority set

high =0 → High PTM Priority not set

high =1 → High PTM Priority set

Select WAN Service Interface:

atm0/(0_8_35) ▾

[Back](#) [Next](#)



PPP Username and Password

PPP usually requires that you have a user name and password to establish your connection. In the boxes below, enter the user name and password that your ISP has provided to you.

PPP Username:	<input type="text" value="shs"/>
PPP Password:	<input type="password" value=""/>
PPPoE Service Name:	<input type="text" value=""/>
Authentication Method:	<input type="text" value="AUTO"/>

- MTU Size
- Enable Fullcone NAT
- Dial on demand (with idle timeout timer)
- PPP IP extension (do not choose unless necessary)
- Use Static IPv4 Address
- Enable PPP Debug Mode
- Bridge PPPoE Frames Between WAN and Local Ports

Multicast Proxy

- Enable IGMP Multicast Proxy
- Enable MLD Multicast Proxy

5. **Обратите внимание!** Тут главное выбрать тот интерфейс, где написано рррое, а не ipое.



Routing -- Default Gateway

Select a preferred wan interface as the system default gateway.

Selected WAN Interface:

WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP.

PORT / VPI / VCI:	0 / 8 / 35
Connection Type:	PPPoE
Service Name:	pppoe_0_8_35_3
Service Category:	UBR
IP Address:	Automatically Assigned
Service State:	Enabled
NAT:	Enabled
Full Cone NAT:	Disabled
SPI Firewall:	Enabled
IGMP Multicast:	Disabled
Quality Of Service:	Disabled

Click "Save/Apply" to have this interface to be effective. Click "Back" to make any modifications.

6. Жмем «Apply/Save», и переходим в меню **Static Route**, и создаем новое правило. **Обратите внимание!** В пункте «Use Gateway IP address» прописываем шлюз своей АТС. Шлюзы указаны в теме <http://myforum.uz/topic/30618/>:



Routing -- Static Route Add

Enter the destination network address, subnet mask, gateway AND/OR available WAN interface then click "Save/Apply" to add the entry to the routing table.

Destination Network Address:	<input type="text" value="10.10.0.0"/>
Subnet Mask:	<input type="text" value="255.255.0.0"/>
Use Interface:	<input type="text" value="ipoe_0_8_35_2/atm0_2"/>
Use Gateway IP Address:	<input type="text" value="10.3.*.*"/>

Save/Apply

7. Создаем еще 1 правило. Также прописываем шлюз для своей АТС

Routing -- Static Route Add

Enter the destination network address, subnet mask, gateway AND/OR available WAN interface then click "Save/Apply" to add the entry to the routing table.

Destination Network Address:	<input type="text" value="10.3.0.0"/>
Subnet Mask:	<input type="text" value="255.255.0.0"/>
Use Interface:	<input type="text" value="ipoe_0_8_35_2/atm0_2"/>
Use Gateway IP Address:	<input type="text" value="10.3.*.*"/>

Save/Apply

8. Должно получится так:

Routing -- Static Route (A maximum 32 entries can be configured)

Destination	Subnet Mask	Gateway	Interface	Remove
10.10.0.0	255.255.0.0	10.3.36.1	atm0_2	<input type="checkbox"/>
10.3.0.0	255.255.0.0	10.3.36.1	atm0_2	<input type="checkbox"/>

Add Remove

9. Перезагружаем роутер кнопкой "Reboot" в настройках, а не кнопкой сзади роутера.

Инструкция работает на модемах с прошивками 1.3.3, 1.3.5 и 1.3.6