

# Инструкция по настройке TP-LINK TD-W8950ND для MEGALINE И IDTV

Обновляем прошивку

**TP-LINK®** 150M Wireless Lite N ADSL2+ Modem Router  
Model No: TD-W8950ND

**Tools -- Update Software**

**Step 1:** Obtain an updated software image file from your ISP.

**Step 2:** Enter the path to the image file location in the box below or click the "Browse" button to locate the image file.

**Step 3:** Click the "Update Software" button once to upload the new image file.

NOTE: The update process takes about 2 minutes to complete, and your DSL Router will reboot.

Software File Name:  файл не выбран

File selection dialog showing the selected file: **w8950ndv1\_en\_1\_2\_9\_up(110106)**.  
Type: BIN File  
Modified: 06.01.2011 16:35  
Size: 4,70 MB

Прошивка обновлена

**Device Info**

<b>Firmware Version:</b>	1.2.9 build 110106 Rel.59540n
<b>Hardware Version:</b>	W8950ND v1.00000000

Device Info

Quick Setup

QSS

Advanced Setup

Wireless

Basic

Security

MAC Filtering

Advanced

Statistics

Diagnostics

Management

Wireless -- Basic

SSID: TP-LINK\_TD-W8950ND

Region: Kazakhstan

Warning: Ensure you select a correct country to conform local law. Incorrect settings may cause interference.

Channel: Auto

Mode: 11bgn mixed

Channel Width: Automatic

- Enable Wireless Router Radio
- Enable SSID Broadcast
- Enable WDS

The change of wireless config will not take effect until the Router reboots, please [click here](#) to reboot.

Save/Apply

Device Info

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Wireless -- Security

Disable Security

WEP

Type: Automatic

WEP Key Format: Hexadecimal

Key Selected

WEP Key

Key Type

Key 1:   Disabled

Key 2:   Disabled

Key 3:   Disabled

Key 4:   Disabled

WPA/WPA2

Version: Automatic

Encryption: Automatic

Radius Server IP:

Radius Port: 1812 (1-65535, 0 stands for default port 1812)

Radius Password:

Group Key Update Period: 0 (in second, minimum is 30, 0 means disabled)

WPA-PSK/WPA2-PSK

Version: WPA2-PSK

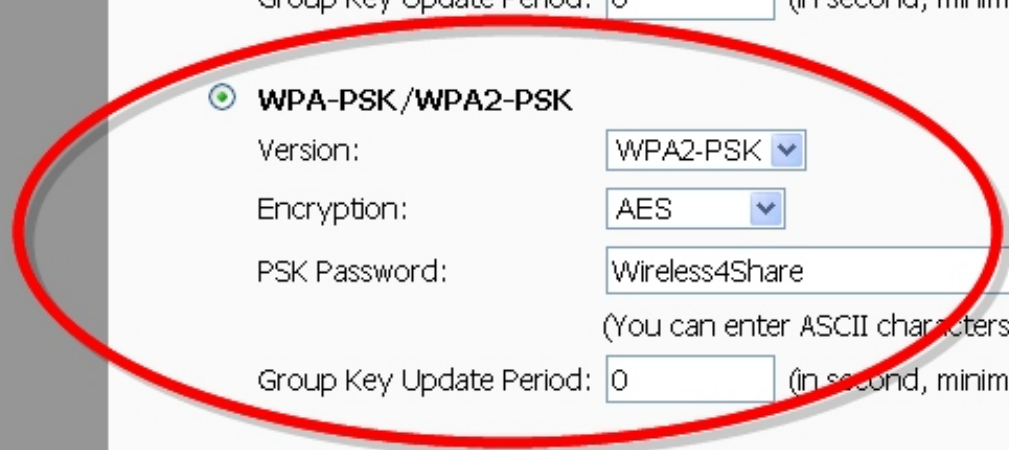
Encryption: AES

PSK Password: Wireless4Share

(You can enter ASCII characters between 8 and 63)

Group Key Update Period: 0 (in second, minimum is 30, 0 means disabled)

Save/Apply



удаляем старые, созданные не нами PVC

**TP-LINK®** 150M Wireless Lite N ADSL2+ Modem Router  
Model No: TD-W8950ND

**Wide Area Network (WAN) Setup**

Choose Add, Edit, or Remove to configure WAN interfaces.  
Choose Save/Reboot to apply the changes and reboot the system.

Vpi/Vci	Con. ID	Category	Service	Protocol	MTU	Igmp	QoS	State	Remove	Edit
0/40	1	UBR	pppoe_0_40_1	PPPoE	1480	Disabled	Enabled	Enabled	<input checked="" type="checkbox"/>	Edit

Add Remove Save/Reboot

инструкции, рекомендации, решения

Добавляем новое PVC правило

**Wide Area Network (WAN) Setup**

Choose Add, Edit, or Remove to configure WAN interfaces.  
Choose Save/Reboot to apply the changes and reboot the system.

Vpi/Vci	Con. ID	Category	Service	Protocol	MTU	Igmp	QoS	State	Remove	Edit
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Add Remove Save/Reboot

инструкции, рекомендации, решения

VPI - 0, VCI - 40, UBR

### ATM PVC Configuration

This screen allows you to configure an ATM PVC identifier (PORT and VPI and VCI) and select a service category. Otherwise choose an existing interface by selecting the checkbox to enable it.

VPI: [0-255]

VCI: [32-65535]

Service Category:

### 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 system resources; therefore the number of PVCs will be reduced. Use **Advanced Setup/Quality of Service** to assign priorities for the applications.

Enable Quality Of Service

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Next

PPPoE, LLC

### Connection Type

Select the type of network protocol for IP over Ethernet as WAN interface

- PPP over ATM (PPPoA)
- PPP over Ethernet (PPPoE)
- Dynamic/Static IP (1483 Bridge)
- IP over ATM (IPoA)
- Bridging

### Encapsulation Mode

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Next

Тестовый логин для доступа в кабинет. В обязательном порядке отключаем мост.

### 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:

PPP Password:

PPPoE Service Name:

Authentication Method:  ▼

MTU [512-1492] :

Enable Fullcone NAT

Dial on demand (with idle timeout timer)

PPP IP extension

Use Static IP Address

Enable PPP Debug Mode

Bridge PPPoE Frames Between WAN and Local Ports (Default Enabled)

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Отключаем IGMP multicast - бесполезен и даже вреден.

### Enable IGMP Multicast, and WAN Service

Enable IGMP Multicast

Enable WAN Service

Service Name:  (Only letters, numbers and underline are allowed)

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Next

Сверяем установки и сохраняем.

## WAN Setup - Summary

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

<b>VPI / VCI:</b>	0 / 40
<b>Connection Type:</b>	PPPoE
<b>Service Name:</b>	pppoe_0_40_1
<b>Service Category:</b>	UBR
<b>IP Address:</b>	Automatically Assigned
<b>Service State:</b>	Enabled
<b>NAT:</b>	Enabled
<b>Firewall:</b>	Enabled
<b>IGMP Multicast:</b>	Disabled
<b>Quality Of Service:</b>	Disabled

Click "Save" to save these settings. Click "Back" to make any modifications.

NOTE: You need to reboot to activate this WAN interface and further configure services over this interface.

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Save

Добавляем PVC правило для IDTV

- Device Info
- Quick Setup
- QSS
- Advanced Setup
  - WAN**
  - LAN
  - MAC Clone
  - NAT
  - Security

### Wide Area Network (WAN) Setup

Choose Add, Edit, or Remove to configure WAN interfaces.  
Choose Save/Reboot to apply the changes and reboot the system.

Vpi/Vci	Con. ID	Category	Service	Protocol	MTU	Igmp	QoS	State	Remove	Edit
0/40	1	UBR	pppoe_0_40_1	PPPoE	1480	Disabled	Disabled	Enabled	<input type="checkbox"/>	Edit

**Add** Remove Save/Reboot



### ATM PVC Configuration

This screen allows you to configure an ATM PVC identifier (PORT and VPI and VCI) and select a service category. Otherwise choose an existing interface by selecting the checkbox to enable it.

VPI: [0-255] VCI: [32-65535] Service Category: 

### 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 system resources; therefore the number of PVCs will be reduced. Use **Advanced Setup/Quality of Service** to assign priorities for the applications.

Enable Quality Of Service [Back](#)[Next](#)

## Bridging, LLC

### Connection Type

Select the type of network protocol for IP over Ethernet as WAN interface

- PPP over ATM (PPPoA)
- PPP over Ethernet (PPPoE)
- Dynamic/Static IP (1483 Bridge)
- IP over ATM (IPoA)

 Bridging

### Encapsulation Mode

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Bridge Service должен быть включен

Unselect the check box below to disable this WAN service

Enable Bridge Service:

Service Name:  (Only letters, numbers and underline are allowed)

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Еще раз сверяем настройки (основные моменты подчеркнул)

### WAN Setup - Summary

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

VPI / VCI:	0 / 42
Connection Type:	Bridge
Service Name:	br_0_42
Service Category:	UBR
IP Address:	Not Applicable
Service State:	Enabled
NAT:	Disabled
Firewall:	Disabled
IGMP Multicast:	Not Applicable
Quality Of Service:	Disabled

Click "Save" to save these settings. Click "Back" to make any modifications.

NOTE: You need to reboot to activate this WAN interface and further configure services over this interface.

[Back](#) [Save](#)

Если IDTV правило не создавалось, то после этого можно сохранить и перезагрузить роутер, иначе лучше этого не делать - сэкономим пару минут на лишней перезагрузке.

Device Info
Quick Setup
QSS
Advanced Setup
WAN
LAN
MAC Clone
NAT
Security
Quality of Service

### Wide Area Network (WAN) Setup

Choose Add, Edit, or Remove to configure WAN interfaces.  
Choose Save/Reboot to apply the changes and reboot the system.

Vpi/Vci	Con. ID	Category	Service	Protocol	MTU	Igmp	QoS	State	Remove	Edit
0/40	1	UBR	pppoe_0_40_1	PPPoE	1480	Disabled	Disabled	Enabled	<input type="checkbox"/>	<a href="#">Edit</a>
0/42	1	UBR	br_0_42	Bridge	1500	N/A	Disabled	Enabled	<input type="checkbox"/>	<a href="#">Edit</a>

[Add](#) [Remove](#) [Save/Reboot](#)

После включения виртуальных портов нам все равно нужно перезагрузиться

**TP-LINK®** 150M Wireless Lite N ADSL2+ Modem Router  
Model No: TD-W8950ND

**LAN Ports Configuration**

Use this page to enable/disable the Virtual LAN Ports feature.

Enable virtual ports on

LAN Port
ENET4
ENET3
ENET2
ENET1
Wireless

Navigation menu: Device Info, Quick Setup, QSS, Advanced Setup, WAN, LAN, MAC Clone, Security, Routing, DSL, Port Mapping, **LAN Ports**, IPSec, Wireless, Diagnostics, Management

После идем в Port Mapping

**TP-LINK®** 150M Wireless Lite N ADSL2+ Modem Router  
Model No: TD-W8950ND

**Port Mapping -- A maximum 16 entries can be configured**

Port Mapping supports multiple ports to PVC and bridging groups. Each group will perform as an independent network. To support this feature, you must create mapping groups with appropriate LAN and WAN interfaces using the Add button. The Remove button will remove the grouping and add the ungrouped interfaces to the Default group. Only the default group has IP interface. Choose Save/Reboot to apply the changes and reboot the system.

Group Name	Remove	Edit	Interfaces
Default			nas_0_0_42
			ENET1
			ENET2
			ENET3
			ENET4
			Wireless

Navigation menu: Device Info, Quick Setup, QSS, Advanced Setup, WAN, LAN, MAC Clone, NAT, Security, Routing, DNS, DSL, **Port Mapping**, LAN Ports, IPSec, Wireless, Diagnostics, Management

и добавляем группу PVC2 и 4 порт

### Port Mapping Configuration

To create a new mapping group:

1. Enter the Group name and select interfaces from the available interface list and add it to the grouped interface list using the arrow buttons to create the required mapping of the ports. The group name must be unique, the max length is 15. **Note that Group name only can be a number or letter ("A~Z" or "a~z")**
2. Click Save/Apply button to make the changes effective immediately

**Note that the selected interfaces will be removed from their existing groups and added to the new group.**

Group Name:  (Only letters and numbers are allowed)

Grouped Interfaces:

Available Interfaces:

Фильтр разделения портов для IDTV готов

**TP-LINK®**

150M Wireless Lite N ADSL2+ Modem Router

Model No: TD-W8950ND

Device Info

Quick Setup

QSS

Advanced Setup

WAN

LAN

MAC Clone

NAT

Security

Routing

DNS

DSL

Port Mapping

LAN Ports

IPSec

Wireless

Diagnostics

Management

### Port Mapping -- A maximum 16 entries can be configured

Port Mapping supports multiple ports to PVC and bridging groups. Each group will perform as an independent network. To support this feature, you must create mapping groups with appropriate LAN and WAN interfaces using the Add button. The Remove button will remove the grouping and add the ungrouped interfaces to the Default group. Only the default group has IP interface. Choose Save/Reboot to apply the changes and reboot the system.

Group Name	Remove	Edit	Interfaces
Default			ENET1
			ENET2
			ENET3
			Wireless
IDTV	<input type="checkbox"/>	<input type="button" value="Edit"/>	nas_0_0_42 ENET4

Модем настроен, можно расслабиться.