

Postupak konfiguracije ADSL modema Kasda za uslugu moja TV Full

Nakon povezivanja modema svim potrebnim kablovima na računar, linija i napajanje, uključujemo računar. Nakon učitavanja Windowsa kliknemo na „Start“ i odaberemo grupu „Settings“, te „Network Connections“.



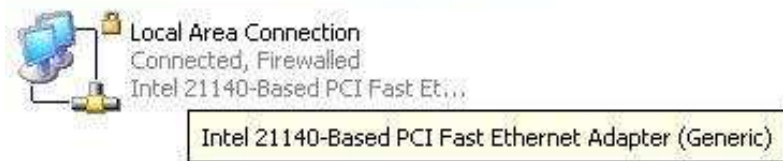
Otvara se prozor sa mrežnim vezama i dobijemo sljedeći prozor:



Ako je „Local Area Connection“ u stanju „Disabled“, kao na slici, desnim tasterom miša kliknemo na ikonice i odaberemo lijevim tasterom opciju „Enable“.

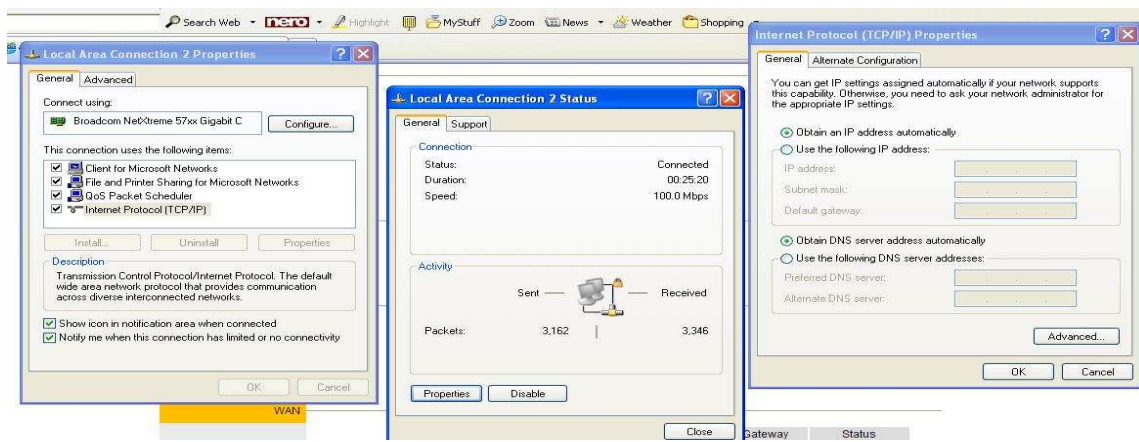


LAN or High-Speed Internet



Nakon aktiviranja mrežne veze „Local Area Connection“ status mrežne konekcije će se promijeniti u „Acquiring Network Address“, a ubrzo i u „Connected“.

Provjerimo Properties u Statusu „Local Area Connection“; potrebno je da označimo opciju „Obtain an IP address automatically“ da bi računar dobio automatski IP adresu od modema putem DHCP:



Sljedeći korak je zatvaranje svih otvorenih prozora i pokretanje Internet Explorera ili nekog drugog web browsera.



U prozoru browsera ukucavate IP adresu „192.168.1.1“ u polje „Address“ i pritisnete „Enter“ na tastaturi.



Dobićete prozor sa poljima za unos podataka za pristup modemu. Fabrički podaci su
Username: **admin**
Password: **adslroot**



Connect to 192.168.1.1

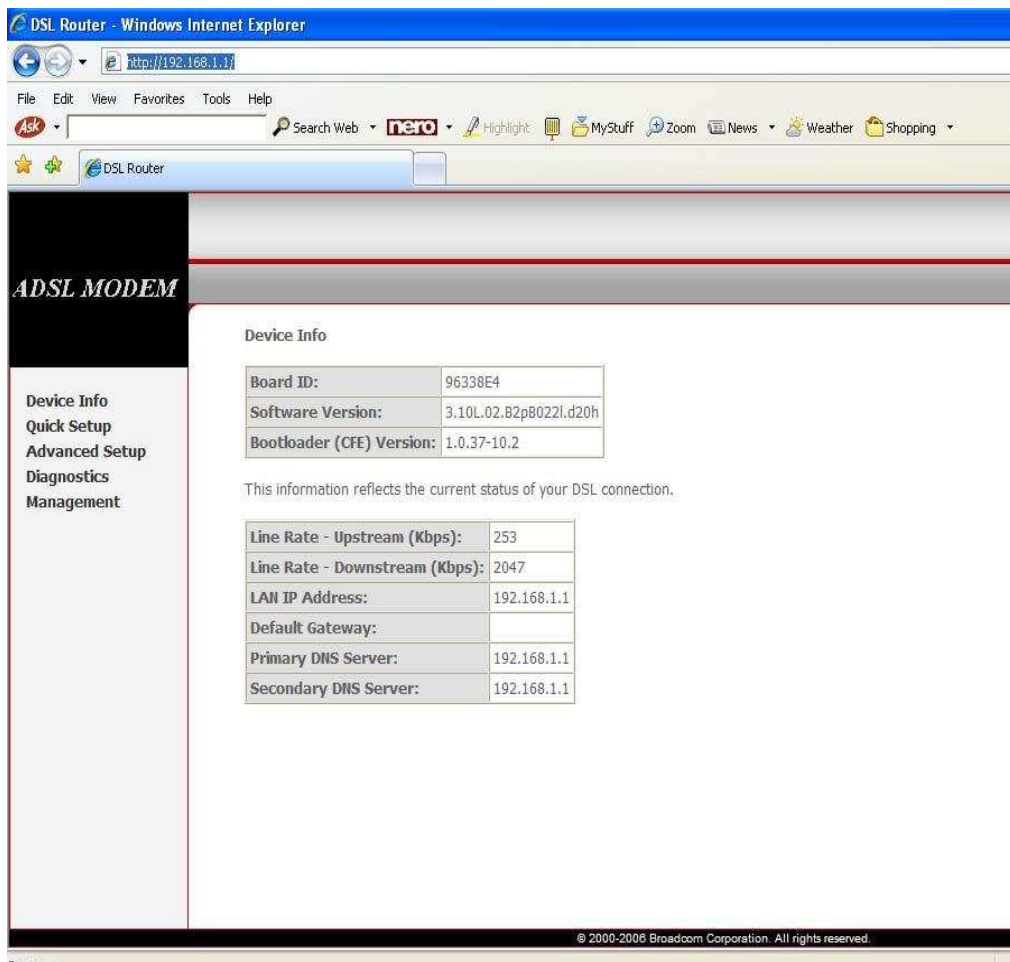
User name: admin

Password:

Remember my password

OK Cancel

Klikom na **OK** potvrđujete da ste ukucali ispravne podatke za autorizaciju i nakon toga se pojavljuje početna stranica administracije modema.



DSL Router - Windows Internet Explorer

http://192.168.1.1/

DSL Router

ADSL MODEM

Device Info

Board ID:	96338E4
Software Version:	3.10L.02.B2pB022L.d20h
Bootloader (CFE) Version:	1.0.37-10.2

This information reflects the current status of your DSL connection.

Line Rate - Upstream (Kbps):	253
Line Rate - Downstream (Kbps):	2047
LAN IP Address:	192.168.1.1
Default Gateway:	
Primary DNS Server:	192.168.1.1
Secondary DNS Server:	192.168.1.1

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Sljedeći korak bi bio da se provjeri koje konekcije su prisutne na modemu. Klikne se na **Device Info**, pa na **WAN** i vidljivo je da u našem slučaju default-na konfiguracija ima dvije konekcije, 8.60 i 0.40 koje se prije nove konfiguracije trebaju izbrisati.

The screenshot shows the 'WAN Info' section of the ADSL Modem configuration interface. It contains a table with the following data:

Port/VPI/VCI	VLAN Mux	Con. ID	Category	Service	Interface	Protocol	Igmp	QoS	State	Status	IP Address
0/8/35	Off	1	UBR	pppoe_0_8_35_1	ppp_0_8_35_1	PPPoE	Disabled	Disabled	Enabled	Authentication Failure	
0/0/40	Off	1	UBR	br_0_0_40	nas_0_0_40	Bridge	N/A	Disabled	Enabled	Up	

Da bi se postojeće konekcije obrisale potrebno je otići na **Advanced Setup** pa **WAN** i označiti ih kvačicom na **Remove** kao na slici. Kliknuti na **Remove** tab.

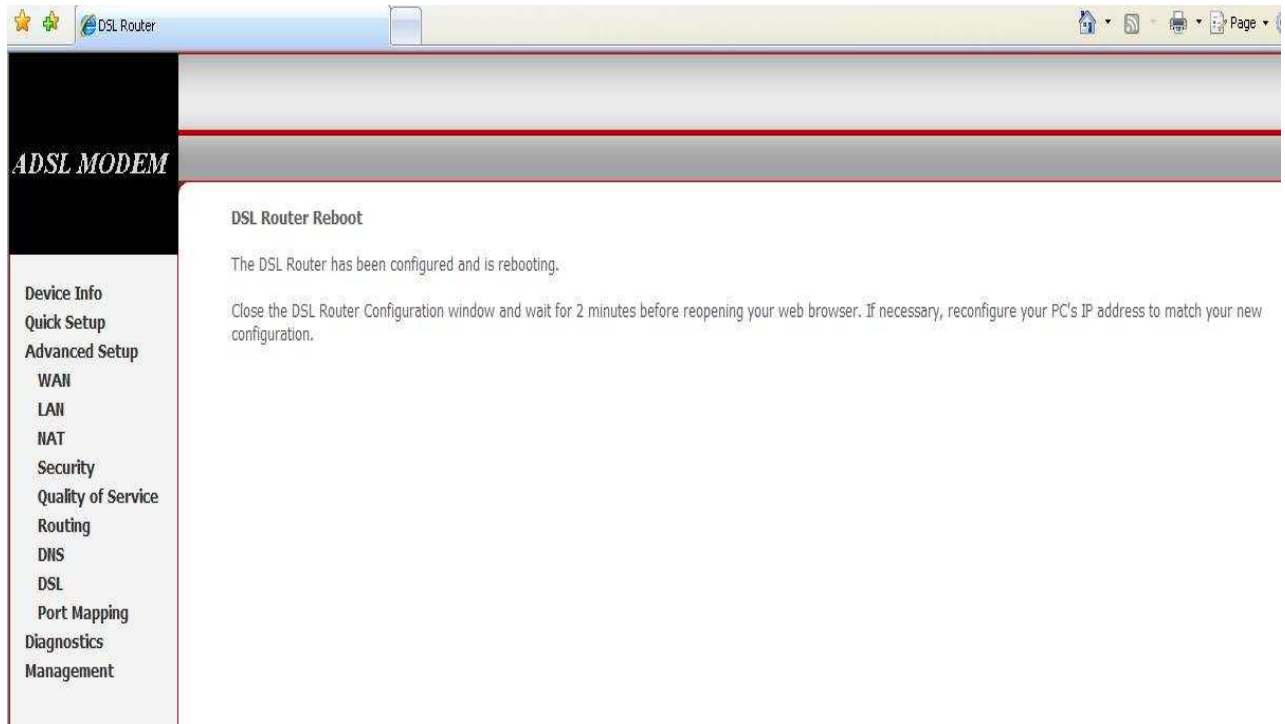
The screenshot shows the 'Wide Area Network (WAN) Setup' section of the ADSL Modem configuration interface. It includes instructions and a table for managing WAN interfaces:

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

Port/Vpi/Vci	VLAN Mux	Con. ID	Category	Service	Interface	Protocol	Igmp	QoS	State	Remove	Edit
0/8/35	Off	1	UBR	pppoe_0_8_35_1	ppp_0_8_35_1	PPPoE	Disabled	Disabled	Enabled	<input checked="" type="checkbox"/>	Edit
0/0/40	Off	1	UBR	br_0_0_40	nas_0_0_40	Bridge	N/A	Disabled	Enabled	<input checked="" type="checkbox"/>	Edit

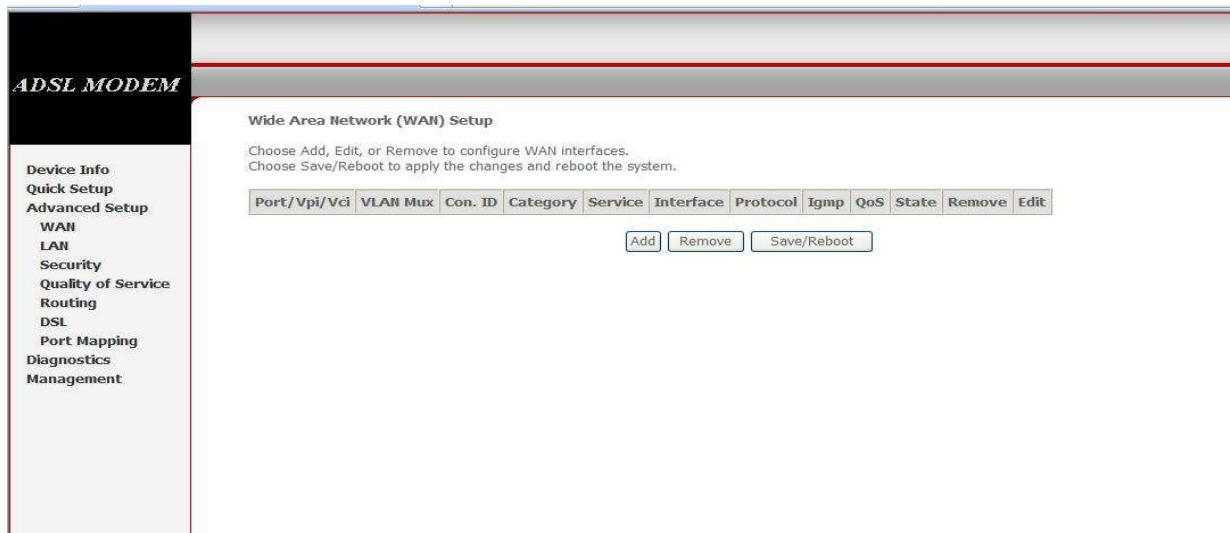
Buttons: Add, Remove, Save/Reboot

Poslje brisanja konekcija kliknuti na **Save/Reboot** tab.



Zatim treba pričekati nekoliko minuta....

Rezultat je prikazan slijedećom slikom:



1. Kreiranje servisnih konekcija

Za konfiguraciju novih servisnih konekcije na modemu za pružanje usluge **moja TV Full** koriste se sljedeći VPI/VCI parametri:

8/60 Internet

8/40 MojaTV STB1

8/50 MojaTV STB2

8/43 MojaTV VoIP

Konfiguracija se vrši klikom na **Add** tab. Unesu se podaci za prvi VPI/VCI koji se odnosi na Internet: **VPI: 8 i VCI: 60**

The screenshot shows the 'ATM PVC Configuration' page in the ADSL MODEM web interface. On the left is a navigation menu with options: Device Info, Quick Setup, Advanced Setup, WAN, LAN, Security, Quality of Service, Routing, DSL, Port Mapping, Diagnostics, and Management. The main content area has the title 'ATM PVC Configuration' and a sub-header '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.' Below this are three input fields: 'PORT: [0-3]' with the value '0', 'VPI: [0-255]' with the value '8', and 'VCI: [32-65535]' with the value '35'. There is a checkbox for 'VLAN Mux - Enable Multiple Protocols Over a Single PVC' which is unchecked. A 'Service Category' dropdown menu is set to 'UBR Without PCR'. Below that is the 'Enable Quality Of Service' section, which includes a sub-header and a paragraph of text explaining QoS, followed by an unchecked checkbox 'enable Quality Of Service'. At the bottom right are 'Back' and 'Next' buttons.

Kliknemo na **Next** za nastavak konfiguracije.

Odaberemo Connection Type: **Bridging** i Encapsulation Mode: **LLC/SNAP-BRIDGING**.

Kliknemo na **Next**.

The screenshot shows the 'Connection Type' page in the ADSL MODEM web interface. The left navigation menu is the same as in the previous screenshot. The main content area has the title 'Connection Type' and a sub-header 'Select the type of network protocol for IP over Ethernet as WAN interface'. There are five radio button options: 'PPP over ATM (PPPoA)', 'PPP over Ethernet (PPPoE)', 'MAC Encapsulation Routing (MER)', 'IP over ATM (IPoA)', and 'Bridging'. The 'Bridging' option is selected. Below the radio buttons is the 'Encapsulation Mode' dropdown menu, which is set to 'LLC/SNAP-BRIDGING'. At the bottom right are 'Back' and 'Next' buttons.

Sljedeću stranicu samo potvrdimo sa **Next**:

Unselect the check box below to disable this WAN service

Enable Bridge Service:

Service Name:

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

Sa **Save** potvrdimo konfiguraciju:

WAN Setup - Summary

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

PORT / VPI / VCI:	0 / 8 / 35
Connection Type:	Bridge
Service Name:	br_0_8_35
Service Category:	USR
IP Address:	Not Applicable
Service State:	Enabled
MAT:	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](#)

Na sljedećoj slici se nalazi prikaz urađene konfiguracije za prvi servis:

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.

Port/Vpi/Vci	VLAN Mux	Con. ID	Category	Service	Interface	Protocol	Igmp	QoS	State	Remove	Edit
0/8/35	Off	1	UBR	br_0_8_35	nas_0_8_35	Bridge	N/A	Disabled	Enabled	<input type="checkbox"/>	Edit

Add Remove Save/Reboot

Sa **Add** jednako se uradi za još tri konekcije gdje se na mjesto VPI i VCI paramara stavljaju sljedeće vrijednosti:

MojaTV STB1: VPI: 8, VCI: 40

MojaTV STB2: VPI:8, VCI: 50

MojaTV VoIP: VPI: 8, VCI: 43

Na kraju treba provjeriti unešene parametre i ako je sve u redu kliknuti na **Save/Reboot**.

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.

Port/Vpi/Vci	VLAN Mux	Con. ID	Category	Service	Interface	Protocol	Igmp	QoS	State	Remove	Edit
0/8/35	Off	1	UBR	br_0_8_35	nas_0_8_35	Bridge	N/A	Disabled	Enabled	<input type="checkbox"/>	Edit
0/8/40	Off	1	UBR	br_0_8_40	nas_0_8_40	Bridge	N/A	Disabled	Enabled	<input type="checkbox"/>	Edit
0/8/50	Off	1	UBR	br_0_8_50	nas_0_8_50	Bridge	N/A	Disabled	Enabled	<input type="checkbox"/>	Edit
0/8/43	Off	1	UBR	br_0_8_43	nas_0_8_43	Bridge	N/A	Disabled	Enabled	<input type="checkbox"/>	Edit

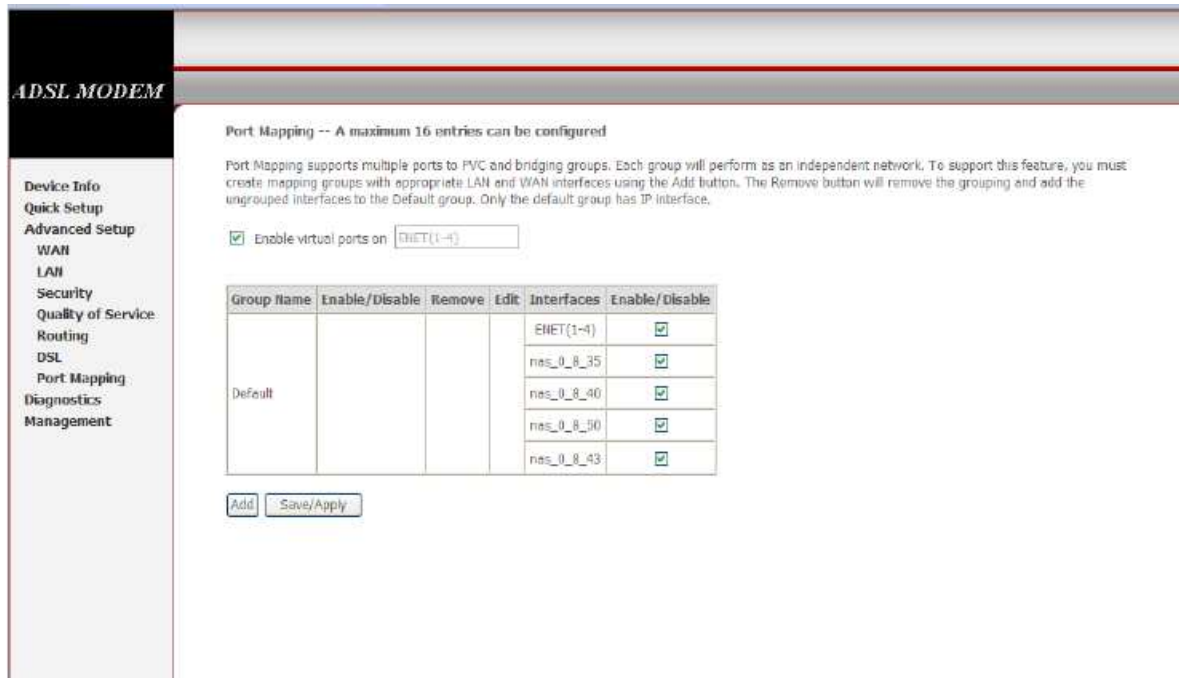
Add Remove Save/Reboot

2. Mapiranje portova

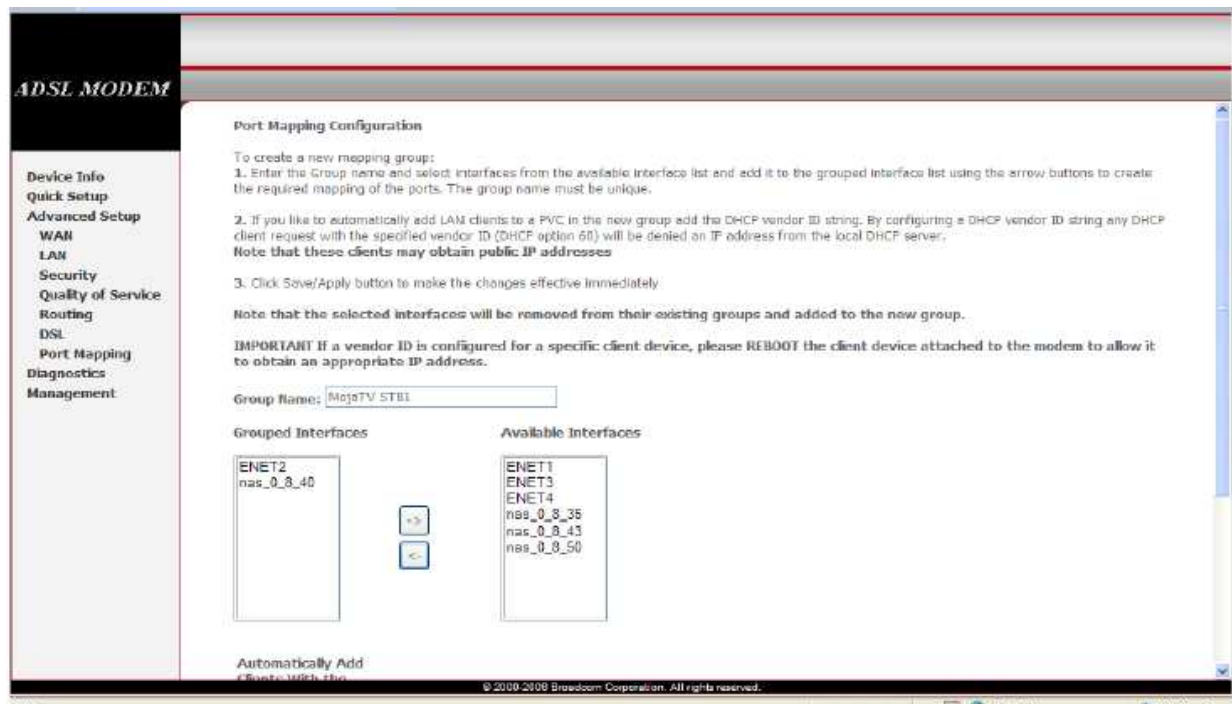
Pridruživanje servisnih VPI/VCI parametara na fizičke LAN portove vrši se putem opcije:

Advanced Setup-Port Mapping.

Prvo je potrebno označiti kućicu **Enable virtual ports on ENET (1-4)**.



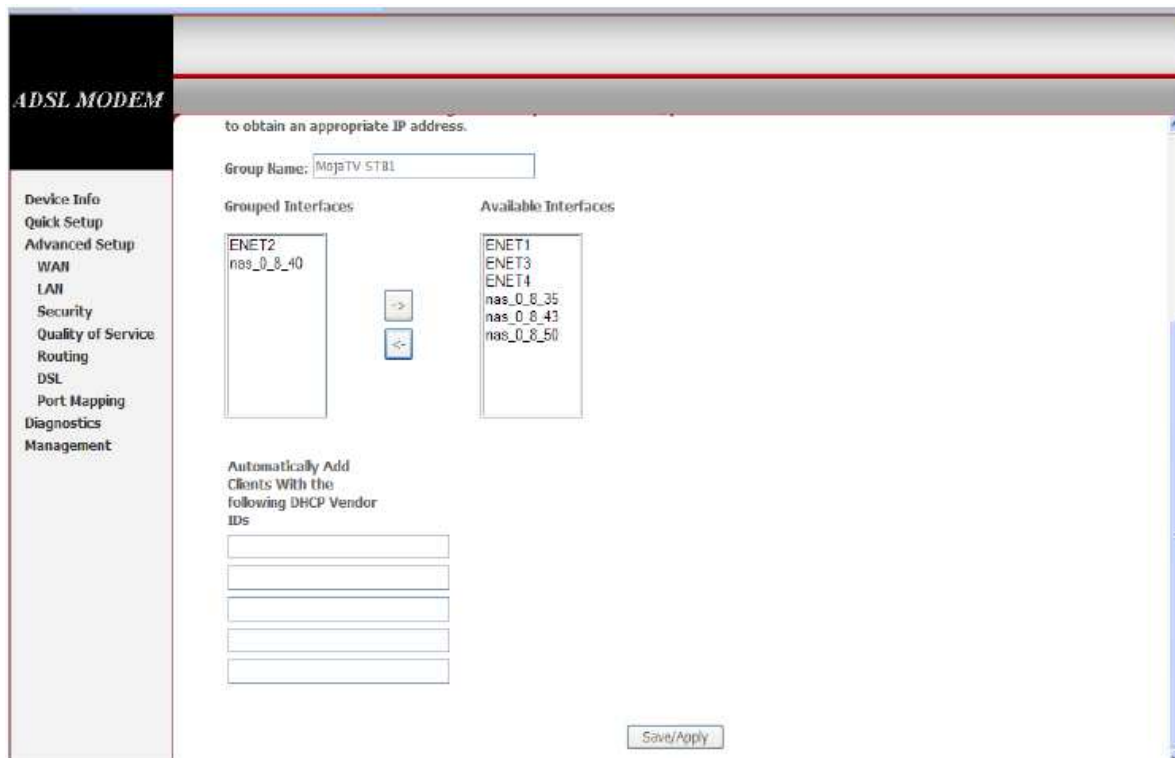
Zatim sa **Add** odaberi kombinacije konekcija i Ethernet (ENET) portova u grupe na način:



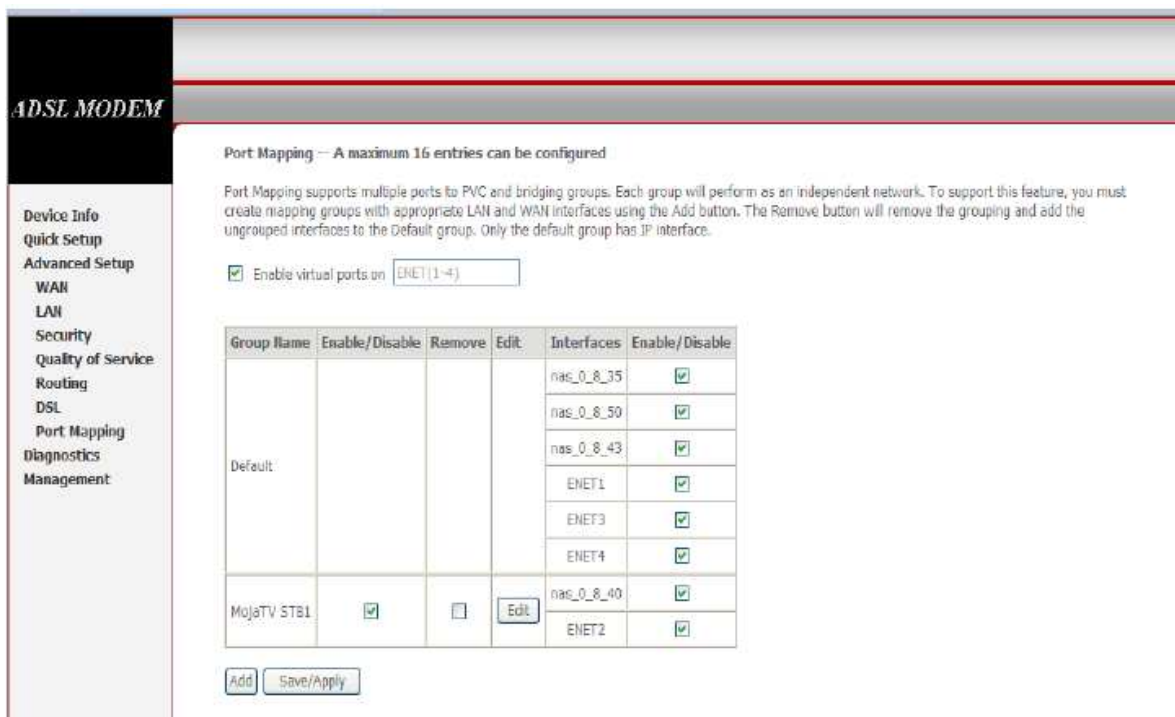
Group name za pridruživanje konekcije 8/40 na LAN2 je **MojaTV STB1**.

Sa **Available Interfaces** se strelicom -> prebacuje **ENET2** (LAN2) i konekcija 8/40 **nas_0_8_40** na lijevu stranu na poziciju **Grouped Interfaces**.

Sa Save/Apply se potvrdi konfiguracija:



Sa Add se dodaje nova grupa za **MojaTV STB2..**



..na sličan način kao i prethodna grupa (Ime grupe: Moja TV STB2, grupirani interfejs ENET3 i VPI/VCI 8/50)

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.

Enable virtual ports on

Group Name	Enable/Disable	Remove	Edit	Interfaces	Enable/Disable
Default				nas_0_8_35	<input checked="" type="checkbox"/>
				nas_0_8_43	<input checked="" type="checkbox"/>
				ENET1	<input checked="" type="checkbox"/>
				ENET4	<input checked="" type="checkbox"/>
MojoTV STB1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Edit	nas_0_8_40	<input checked="" type="checkbox"/>
				ENET2	<input checked="" type="checkbox"/>
Mojo TV STB2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Edit	nas_0_8_50	<input checked="" type="checkbox"/>
				ENET3	<input checked="" type="checkbox"/>

I zadnja grupa za **MojaTV VoIP** (Ime grupe: Moja TV VoIP, grupirani interfejs ENET4 i VPI/VCI 8/43).

Na ovaj način konfigurisali smo port mappiranje gdje su servisni vpi/vci parametri pridruženi LAN portovima na sljedeći način:

- LAN1 MojaTV Internet i pristup modemu.
- LAN2 MojaTV STB1
- LAN3 MojaTV STB2
- LAN4 MojaTV VoIP

Port Mapping -- A maximum 16 entries can be configured

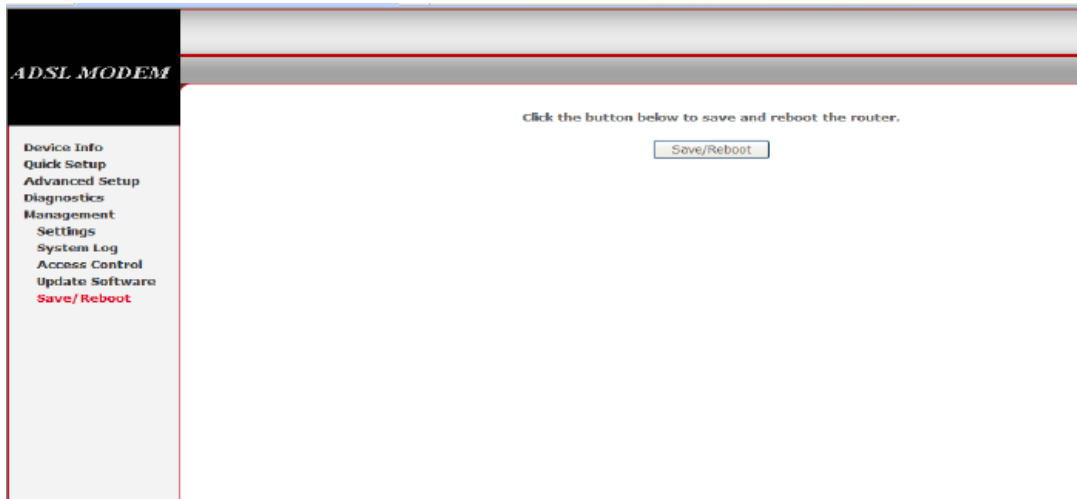
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Enable virtual ports on

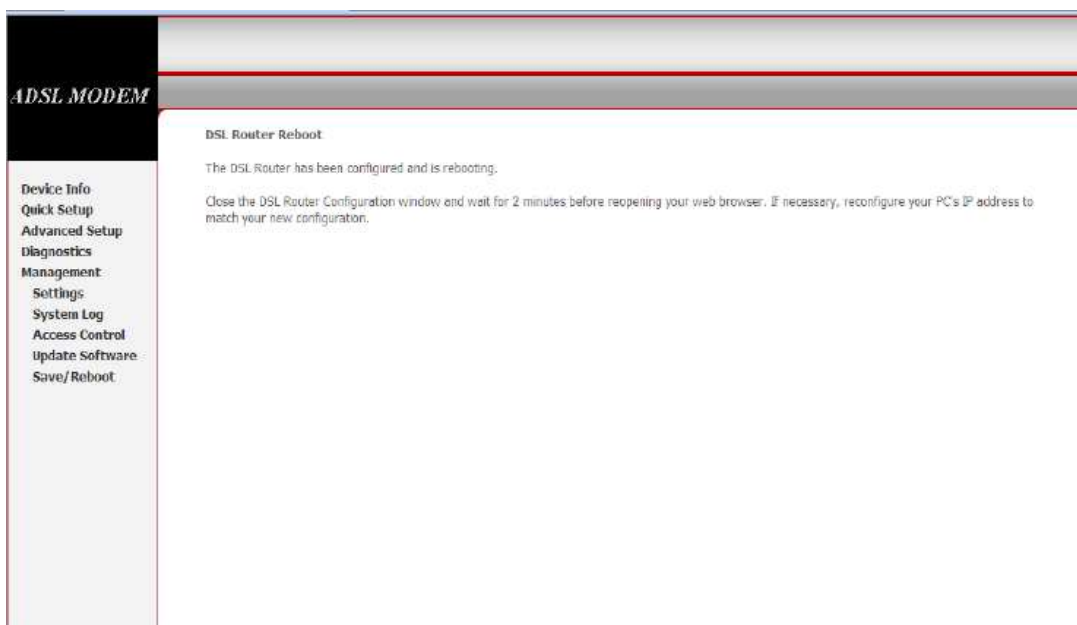
Group Name	Enable/Disable	Remove	Edit	Interfaces	Enable/Disable
Default				nas_0_8_35	<input checked="" type="checkbox"/>
				ENET1	<input checked="" type="checkbox"/>
				nas_0_8_40	<input checked="" type="checkbox"/>
				ENET2	<input checked="" type="checkbox"/>
Moja TV STB2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Edit	nas_0_8_50	<input checked="" type="checkbox"/>
				ENET3	<input checked="" type="checkbox"/>
MojaTV VoIP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Edit	nas_0_8_43	<input checked="" type="checkbox"/>
				ENET4	<input checked="" type="checkbox"/>

Potvrditi konfiguraciju sa Save/Apply.

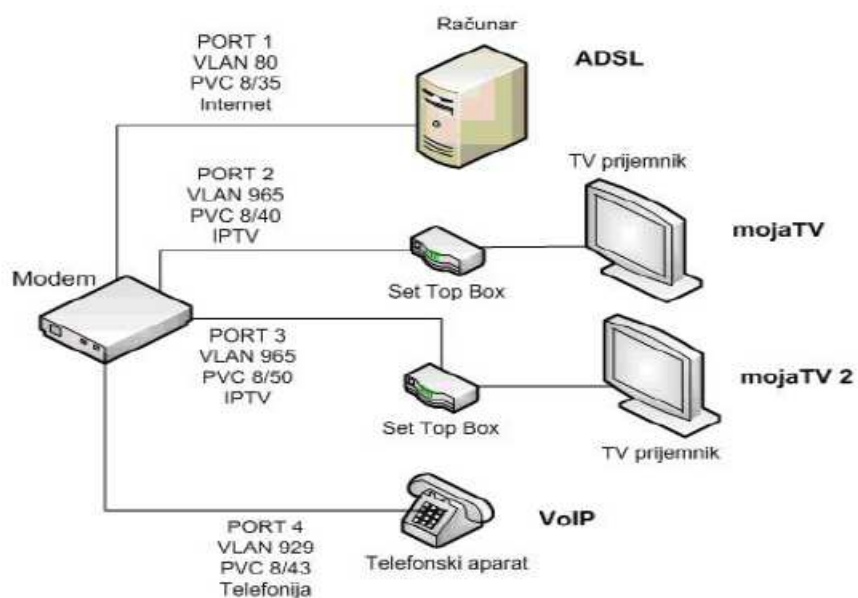
Na kraju spremi konfiguraciju putem **Management-Save/Reboot:**



Za provjeru konfigurisanog potrebno je provjeriti urađeno na Advanced Setup-WAN i Port Mapping.



Na kraju povezati servisne uređaje kao na slici i probati servise.



Princip spajanja terminalne opreme na strani korisnika za uslugu MojaTV Full

3. Promjena password-a

Na kraju potrebno je promijeniti password na način Management-Settings-Access Control-Passwords, za Username odabrati admin, Old password ukucati admin, New password ukucati novi password i još jednom ga potvrditi na Confirm Password:

The screenshot shows the 'ADSL MODEM' web interface. On the left is a navigation menu with the following items: Device Info, Quick Setup, Advanced Setup, Diagnostics, Management, Settings, System Log, Access Control, Services, IP Addresses, Passwords (highlighted in red), Update Software, and Save/Reboot. The main content area is titled 'Access Control - Passwords'. It contains the following text: 'Access to your DSL router is controlled through three user accounts: admin, support, and user.'; 'The user name "admin" has unrestricted access to change and view configuration of your DSL Router.'; 'The user name "support" is used to allow an ISP technician to access your DSL Router for maintenance and to run diagnostics.'; 'The user name "user" can access the DSL Router, view configuration settings and statistics, as well as, update the router's software.'; and 'Use the fields below to enter up to 16 characters and click "Apply" to change or create passwords. Note: Password cannot contain a space.' Below the text are four input fields: 'Username:' (a dropdown menu with 'admin' selected), 'Old Password:', 'New Password:', and 'Confirm Password:'. A 'Save/Apply' button is located at the bottom right of the form area.

Na kraju uraditi Save/Apply.