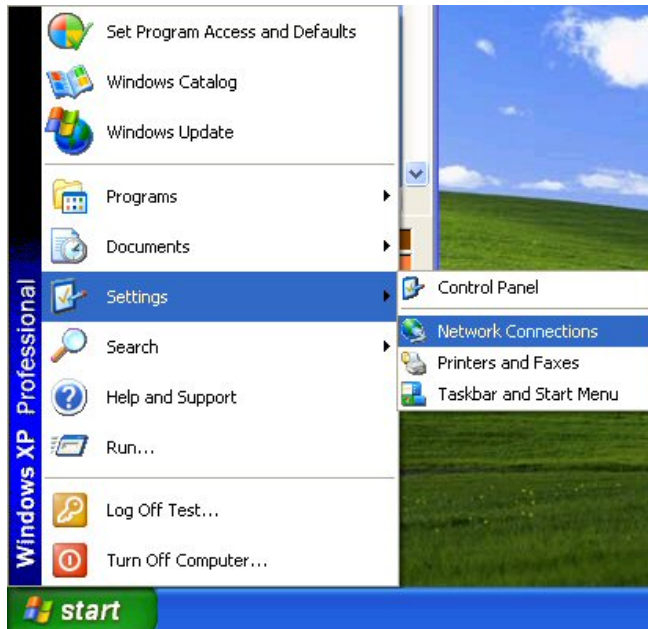


## Postupak konfiguracije ADSL modema ZTE za uslugu moja TV Phone

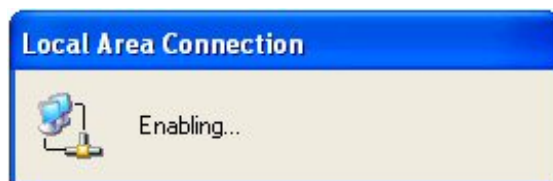
Nakon povezivanja modema svim potrebnim kablovima na računar, linija i napajanje, uključujemo računar. Nakon učitavanja Windowsa kliknemo na „Start“ i odaberemo grupu „Settings“, te „Network Connections“.



Otvora 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 ikonicu i odaberemo lijevim tasterom opciju „Enable“.



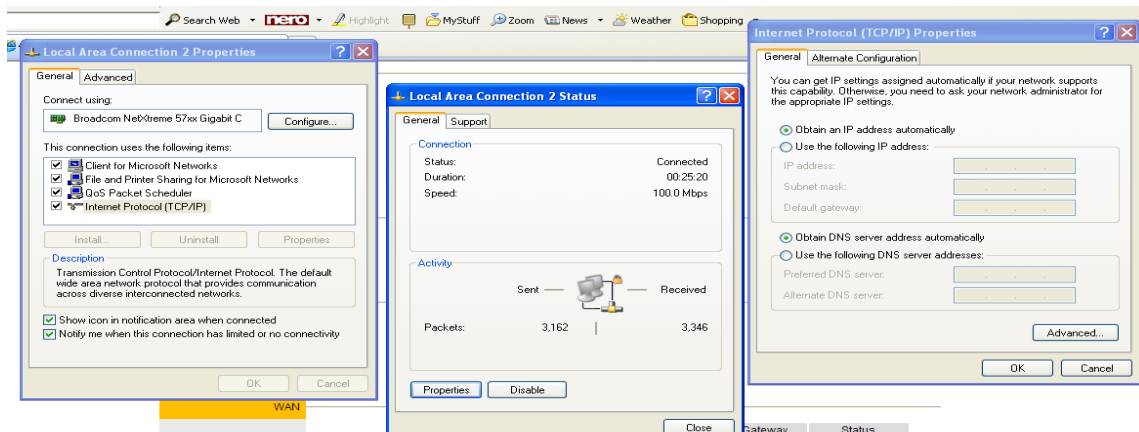
## LAN or High-Speed Internet



Intel 21140-Based PCI Fast Ethernet Adapter (Generic)

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: **admin**



Connect to 192.168.1.1

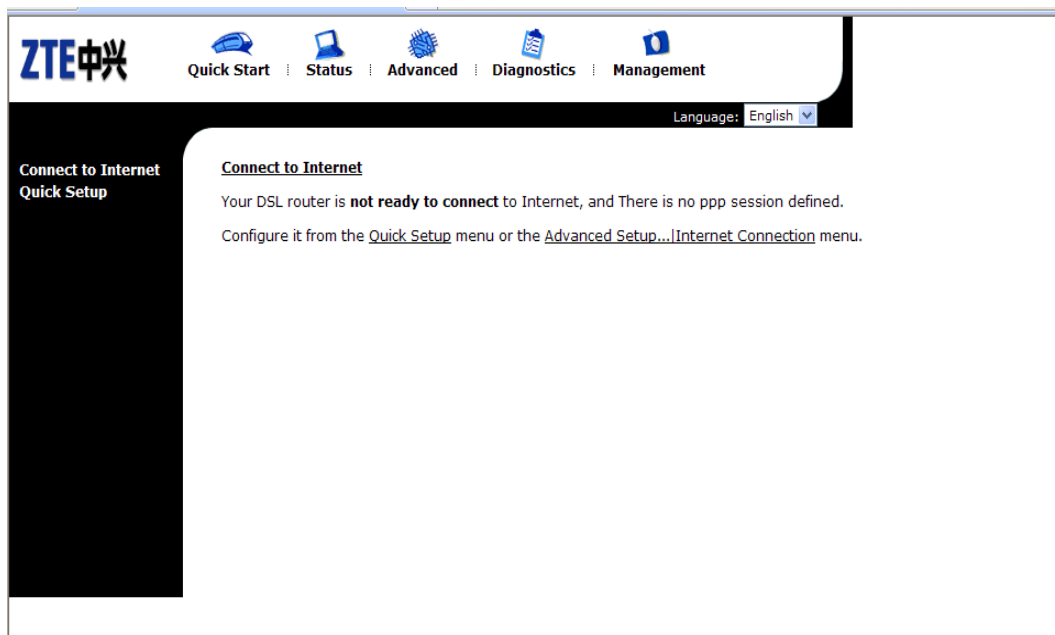
User name: admin

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.



ZTE中兴

Quick Start | Status | Advanced | Diagnostics | Management

Language: English

Connect to Internet  
Quick Setup

**Connect to Internet**

Your DSL router is **not ready to connect** to Internet, and There is no ppp session defined.

Configure it from the [Quick Setup](#) menu or the [Advanced Setup...\[Internet Connection\]](#) menu.

Sljedeći korak bi bio da se provjeri koje konekcije su prisutne na modemu. Klikne se na **Advanced**, pa na **WAN** i vidljivo je da u našem slučaju default-na konfiguracija ima 7 konekcija koje se prije nove konfiguracije trebaju izbrisati.















ZTE中兴 Quick Start Status Advanced Diagnostics Management Language: English

**LAN**  
WAN  
Connections  
ADSL  
IP Routing  
DNS Server  
Firewall  
Port Mapping

### Internet Connection Configuration

Choose Add or Edit to configure Internet connection.  
Choose Finish to apply the changes and reboot the system.

**NOTE:** The Internet connection is NOT active if the PVC name is marked with (?). You need to click "Finish" to apply the changes and reboot the system for activating this PVC.

PVC Name	VPI/VCI	Category	Protocol	NAT	QoS	WAN IP Address	Edit
br_8_81	8/81	UBR	Bridge LLC/SNAP	*	Off	*	 
br_0_35	0/35	UBR	Bridge LLC/SNAP	*	Off	*	 
br_8_35	8/35	UBR	Bridge LLC/SNAP	*	Off	*	 
ipoa_1_39	1/39	UBR	IPoA LLC/SNAP	Off	Off	192.168.2.1	
br_0_32	0/32	UBR	Bridge LLC/SNAP	*	Off	*	 
br_0_100	0/100	UBR	Bridge LLC/SNAP	*	Off	*	 
br_8_36	8/36	UBR	Bridge LLC/SNAP	*	Off	*	 
br_0_33	0/33	UBR	Bridge LLC/SNAP	*	Off	*	 

Sve PVC konekcije se mogu izbrisati na Edit i remove (oznaka „kanta za smeće“). Svaki put sa YES potvrditi opciju brisanja (javlja se mali prozor sa pitanjem da li hoćete obrisati konekciju). Konekcija koja nema opciju za brisanje i editovanje (1/39) se jednostavno ostavi. Na kraju kliknuti na Finish. Modem će se reboot-irati. Pričekati nekoliko minuta.

ZTE中兴 Quick Start Status Advanced Diagnostics Management Language: English

**LAN**  
WAN  
Connections  
ADSL  
IP Routing  
DNS Server  
Firewall  
Port Mapping

### Internet Connection Configuration

Choose Add or Edit to configure Internet connection.  
Choose Finish to apply the changes and reboot the system.

**NOTE:** The Internet connection is NOT active if the PVC name is marked with (?). You need to click "Finish" to apply the changes and reboot the system for activating this PVC.

PVC Name	VPI/VCI	Category	Protocol	NAT	QoS	WAN IP Address	Edit
ipoa_1_39	1/39	UBR	IPoA LLC/SNAP	Off	Off	192.168.2.1	

**Warning**

Router's settings are changed. New settings are only valid after restarting router.

## 1. Kreiranje servisnih konekcija

Poslije rebootiranja ostala je jedna konekcija koju zanemarujemo.

Sa Add se dodaju nove konekcije: PVC 8/40 za IPTV STB1, PVC 8/50 za IPTV STB2 i PVC 8/43 za VoIP sve u Bridge načinu rada. Dodavanje obrađujemo za prvu konekciju 8/40:

The screenshot shows the ZTE web interface for configuring an Internet Connection. The page title is "Configure Internet Connection -- ATM PVC". Below the title, it says "Please enter VPI and VCI numbers for the Internet connection which is provided by your ISP." There are two input fields: "VPI: 8 (0-255)" and "VCI: 40 (32-65533)". A "Service Category" dropdown menu is set to "UBR Without PCR". Below this, there is a section titled "Enable Quality Of Service" with a checkbox that is currently unchecked. At the bottom of the form, there are two buttons: "< Back" and "Next >".

Dodajemo na mjesta VPI: 8 i VCI: 40. Kliknuti na Next.

The screenshot shows the ZTE web interface for configuring the connection type. The page title is "Configure Internet Connection - Connection Type". Below the title, it says "Select the protocol and encapsulation type over the ATM PVC that your ISP has instructed you to use." There are two sections: "Protocol" and "Encapsulation Mode". The "Protocol" section has five radio button options: "PPP over ATM (PPPoA)", "PPP over Ethernet (PPPoE)", "MAC Encapsulation Routing (MER)", "IP over ATM (IPoA)", and "Bridging", with "Bridging" selected. The "Encapsulation Mode" section has a dropdown menu set to "LLC/SNAP". Below this, there is a checkbox for "Enable 802.1q" which is currently unchecked. At the bottom of the form, there are two buttons: "< Back" and "Next >".

Odaberemo Protocol: Bridging i Encapsulation Mode: LLC/SNAP. Kliknemo Next.

ZTE中兴 Quick Start | Status | Advanced | Diagnostics | Management Language: English

LAN  
WAN  
Connections  
ADSL  
IP Routing  
DNS Server  
Firewall  
Port Mapping

**This Internet Connection -- Summary**

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

**Internet (WAN) Configuration:**

VPI / VCI	8 / 40
Service Category	UBR
Connection Type	Bridge, LLC/SNAP , Qos Off

Click "Apply" to save settings. Click " Back" to make any modification.

< Back Apply

Potvrditi konfiguraciju sa Apply.



ZTE中兴 Quick Start | Status | Advanced | Diagnostics | Management Language: English

LAN  
WAN  
Connections  
ADSL  
IP Routing  
DNS Server  
Firewall  
Port Mapping

**Internet Connection Configuration**

Choose Add or Edit to configure Internet connection.  
Choose Finish to apply the changes and reboot the system.

**NOTE:** The Internet connection is NOT active if the PVC name is marked with (?). You need to click "Finish" to apply the changes and reboot the system for activating this PVC.

PVC Name	VPI/VCI	Category	Protocol	NAT	QoS	WAN IP Address	Edit
br_8_40(?)	8/40	UBR	Bridge LLC/SNAP	*	Off	*	 
ipoa_1_39	1/39	UBR	IPoA LLC/SNAP	Off	Off	192.168.2.1	

Add Finish

**Warning**

Router's settings are changed.New settings are only valid after restarting router.

Sa Add dodati sljedeće konekcije 8/50 i 8/43 na isti način.

ZTE中兴 Quick Start | Status | Advanced | Diagnostics | Management Language: English

LAN  
WAN  
Connections  
ADSL  
IP Routing  
DNS Server  
Firewall  
Port Mapping

### Internet Connection Configuration

Choose Add or Edit to configure Internet connection.  
Choose Finish to apply the changes and reboot the system.

**NOTE:** The Internet connection is NOT active if the PVC name is marked with (?). You need to click "Finish" to apply the changes and reboot the system for activating this PVC.

PVC Name	VPI/VCI	Category	Protocol	NAT	QoS	WAN IP Address	Edit
br_8_40(?)	8/40	UBR	Bridge LLC/SNAP	*	Off	*	
br_8_50(?)	8/50	UBR	Bridge LLC/SNAP	*	Off	*	
br_8_43(?)	8/43	UBR	Bridge LLC/SNAP	*	Off	*	
ipoa_1_39	1/39	UBR	IPoA LLC/SNAP	Off	Off	192.168.2.1	

**Warning**

Router's settings are changed. New settings are only valid after restarting router.

Konfiguraciju potvrditi sa Finish, modem će se pri spašavanju konfiguracije reboot-irati. (Nakon reboot-a upitnici kraj konekcija će nestati).

Sa Advanced, WAN se provjeri urađeno:

ZTE中兴 Quick Start | Status | Advanced | Diagnostics | Management Language: English

LAN  
WAN  
Connections  
ADSL  
IP Routing  
DNS Server  
Firewall  
Port Mapping

### Internet Connection Configuration

Choose Add or Edit to configure Internet connection.  
Choose Finish to apply the changes and reboot the system.

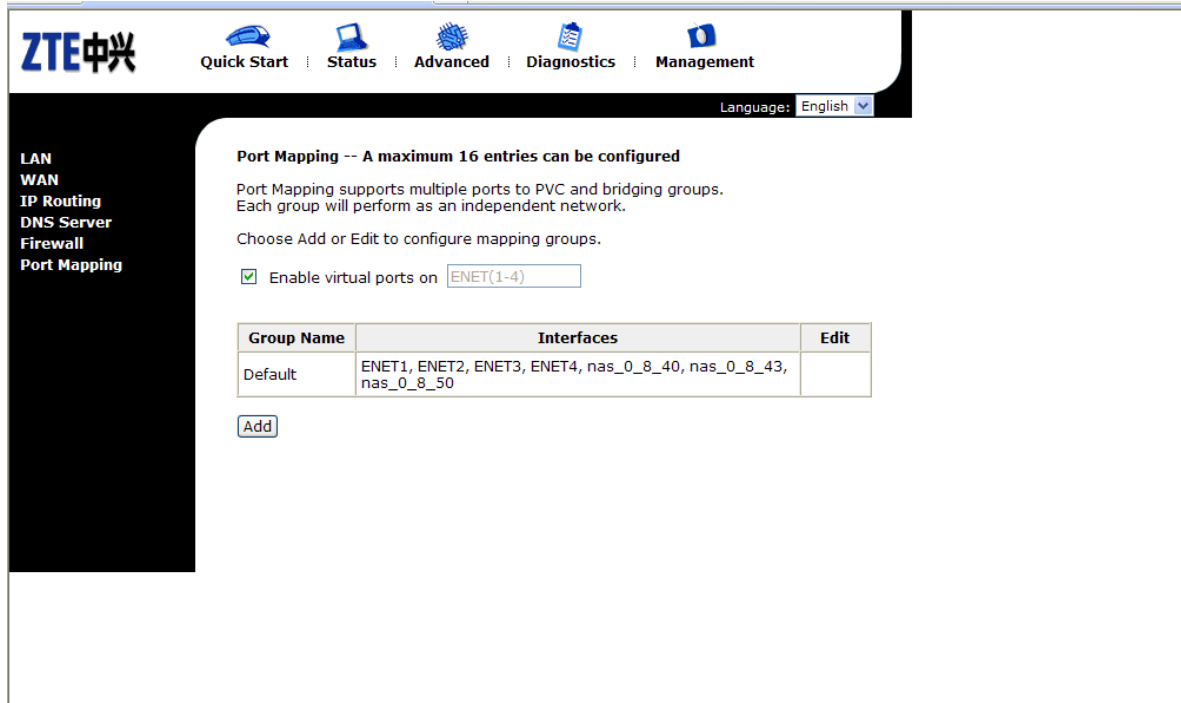
**NOTE:** The Internet connection is NOT active if the PVC name is marked with (?). You need to click "Finish" to apply the changes and reboot the system for activating this PVC.

PVC Name	VPI/VCI	Category	Protocol	NAT	QoS	WAN IP Address	Edit
br_8_40	8/40	UBR	Bridge LLC/SNAP	*	Off	*	
br_8_50	8/50	UBR	Bridge LLC/SNAP	*	Off	*	
br_8_43	8/43	UBR	Bridge LLC/SNAP	*	Off	*	
ipoa_1_39	1/39	UBR	IPoA LLC/SNAP	Off	Off	192.168.2.1	

## 2. Mapiranje portova

Port mapiranje kojim se servisne konekcije pridružuju u grupu sa fizičkim LAN portovima je omogućeno kroz opciju Advanced, Port Mapping.

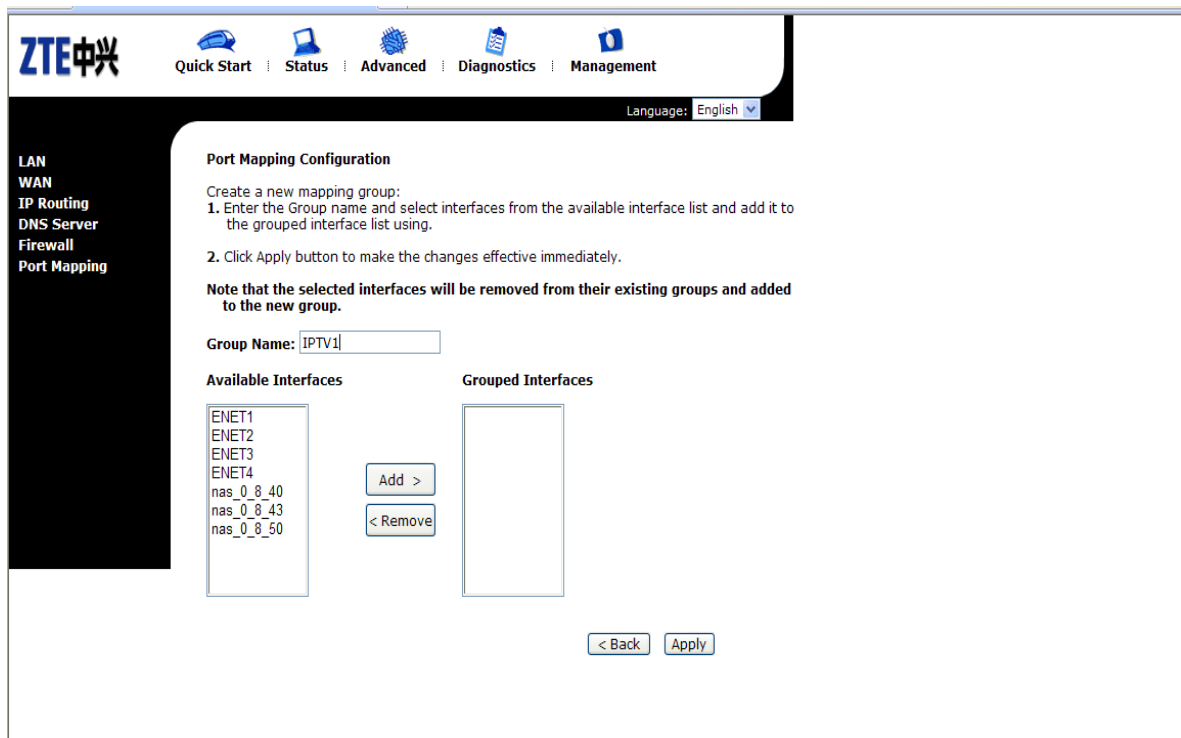
Označi se opcija Enable virtual ports on ENET 1-4:



The screenshot shows the ZTE web interface for Port Mapping configuration. The top navigation bar includes 'Quick Start', 'Status', 'Advanced', 'Diagnostics', and 'Management'. The left sidebar lists 'LAN', 'WAN', 'IP Routing', 'DNS Server', 'Firewall', and 'Port Mapping'. The main content area is titled 'Port Mapping -- A maximum 16 entries can be configured'. It explains that Port Mapping supports multiple ports to PVC and bridging groups, each performing as an independent network. It instructs the user to choose 'Add' or 'Edit' to configure mapping groups. A checkbox 'Enable virtual ports on' is checked, with a text input field containing 'ENET(1-4)'. Below this is a table with columns 'Group Name', 'Interfaces', and 'Edit'. The table contains one entry: 'Default' with interfaces 'ENET1, ENET2, ENET3, ENET4, nas\_0\_8\_40, nas\_0\_8\_43, nas\_0\_8\_50'. An 'Add' button is located below the table.

Group Name	Interfaces	Edit
Default	ENET1, ENET2, ENET3, ENET4, nas_0_8_40, nas_0_8_43, nas_0_8_50	

Sa Add se dodaju grupe. Prva grupa je **IPTV1** i dodaje se na mjesto Group Name.



The screenshot shows the ZTE web interface for Port Mapping Configuration. The top navigation bar and left sidebar are the same as in the previous screenshot. The main content area is titled 'Port Mapping Configuration'. It instructs the user to create a new mapping group by entering the Group name and selecting interfaces from the available interface list. It also notes that selected interfaces will be removed from their existing groups and added to the new group. A text input field for 'Group Name' contains 'IPTV1'. Below this are two columns: 'Available Interfaces' and 'Grouped Interfaces'. The 'Available Interfaces' column lists 'ENET1', 'ENET2', 'ENET3', 'ENET4', 'nas\_0\_8\_40', 'nas\_0\_8\_43', and 'nas\_0\_8\_50'. The 'Grouped Interfaces' column is empty. Between the columns are 'Add >' and '< Remove' buttons. At the bottom of the page are '< Back' and 'Apply' buttons.

Sa **Add** > ENET2, koji predstavlja fizički LAN2 port, i konekcija nas\_0\_8\_40, koja predstavlja PVC 8/40, se stavljaju u istu grupu IPTV1.

**ZTE中兴** Quick Start | Status | Advanced | Diagnostics | Management Language: English

**LAN**  
WAN  
IP Routing  
DNS Server  
Firewall  
Port Mapping

### Port Mapping Configuration

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.  
2. Click 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:

**Available Interfaces**

- ENET1
- ENET3
- ENET4
- nas\_0\_8\_43
- nas\_0\_8\_50

**Grouped Interfaces**

- ENET2
- nas\_0\_8\_40

Kliknuti na Apply.

**ZTE中兴** Quick Start | Status | Advanced | Diagnostics | Management Language: English

**LAN**  
WAN  
IP Routing  
DNS Server  
Firewall  
Port Mapping

### 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.

Choose Add or Edit to configure mapping groups.

Enable virtual ports on

Group Name	Interfaces	Edit
Default	ENET1, ENET3, ENET4, nas_0_8_43, nas_0_8_50	
IPTV1	ENET2, nas_0_8_40	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Sa Add se dodaje druga grupa IPTV2 na isti način (PVC 8/50 sa LAN3):

**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.

Choose Add or Edit to configure mapping groups.

Enable virtual ports on

Group Name	Interfaces	Edit
Default	ENET1, ENET4, nas_0_8_43	
IPTV1	ENET2, nas_0_8_40	
IPTV2	ENET3, nas_0_8_50	

I na kraju i VoIP grupa na isti način (PVC 8/43 sa LAN4):

**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.

Choose Add or Edit to configure mapping groups.

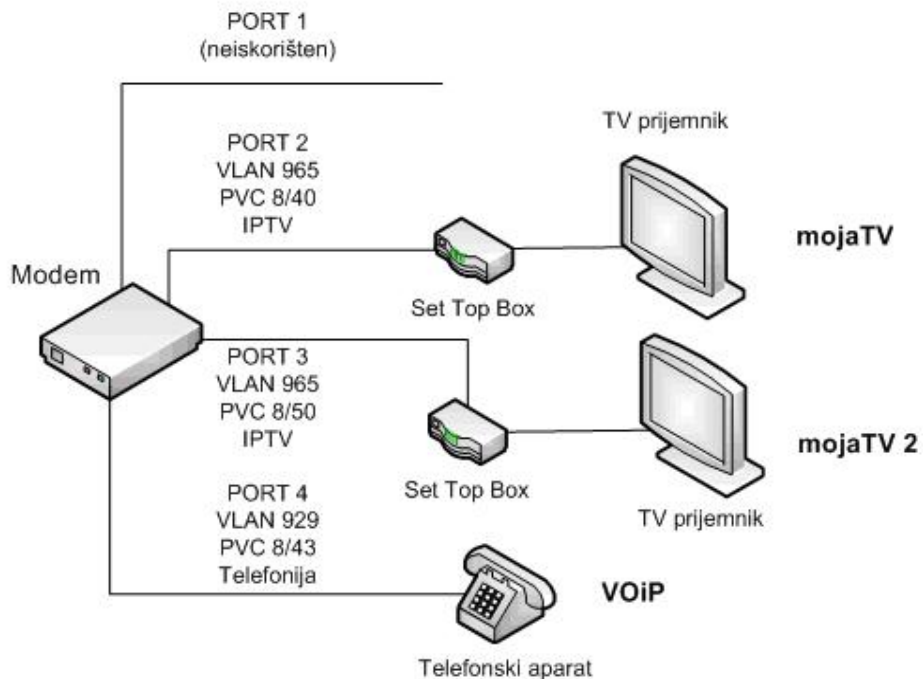
Enable virtual ports on

Group Name	Interfaces	Edit
Default	ENET1	
IPTV1	ENET2, nas_0_8_40	
IPTV2	ENET3, nas_0_8_50	
VoIP	ENET4, nas_0_8_43	

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

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

**Na kraju** povezati sve uređaje kao na slici i testirati servise.



*Princip spajanja terminalne opreme na strani korisnika za uslugu mojaTV Phone*

### **3. Promjena password-a**

Na Management, Admin Account postoji opcija za promjenu administratorskog password-a. Pri promjeni potrebno je dva puta ukucati novi password na mjesta New Password i Confirm New Password.

The screenshot shows the ZTE web management interface. The top navigation bar includes: ZTE 中兴, Quick Start, Status, Advanced, Diagnostics, and Management. A language dropdown menu is set to English. The left sidebar lists various configuration options: Admin Account, User Account, Local Access, Remote Access, Date & Time, System Log, TR-069 Client, Backup Config, Update Firmware, and Reset Router. The main content area is titled "Admin Account" and contains the following text: "Admin account has unrestricted access to change and view configuration of your ADSL router." Below this text are three input fields: "User Name:" with the value "admin", "New Password:" with masked characters "••••", and "Confirm New Password:" with masked characters "••••". An "Apply" button is located below the input fields.

Kliknuti na Apply.