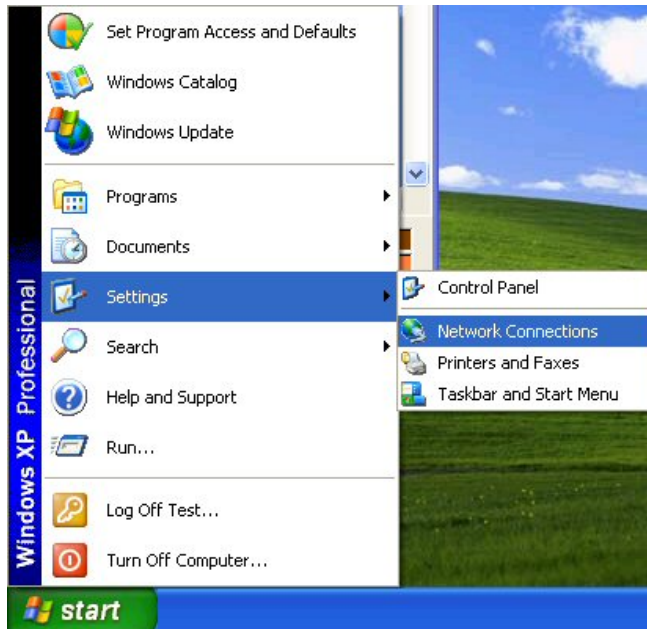


Postupak konfiguracije ADSL modema ZTE za uslugu moja TV Net

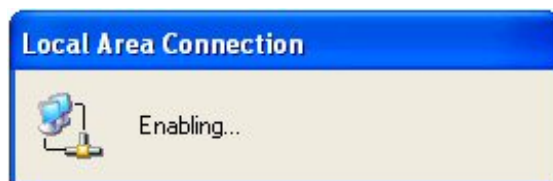
Nakon povezivanja modema svim potrebnim kablovima na računar, linija i napajanje, uključujemo računar. Nakon učitavanja Windowsa kliknemo na „Start“ i odaberemo grupu „Settings“, te „Network Connections“.



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“.



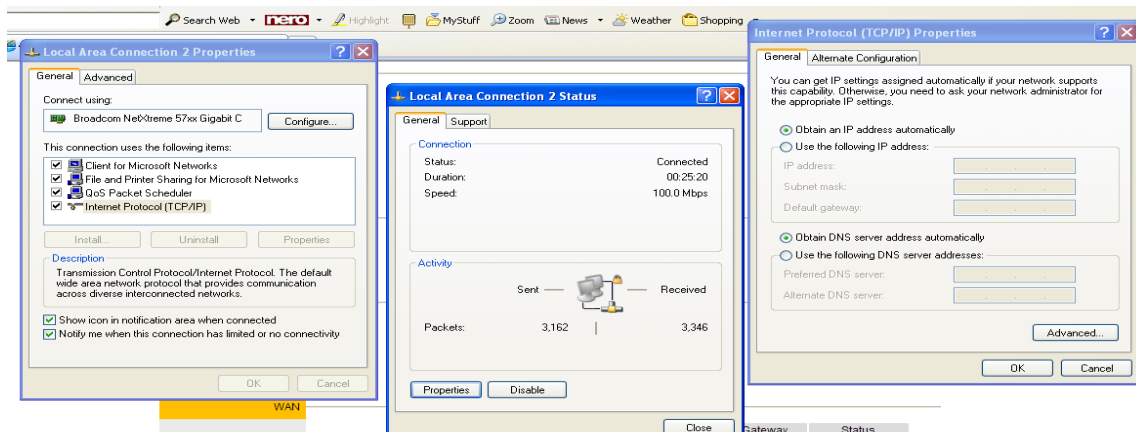
LAN or High-Speed Internet



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

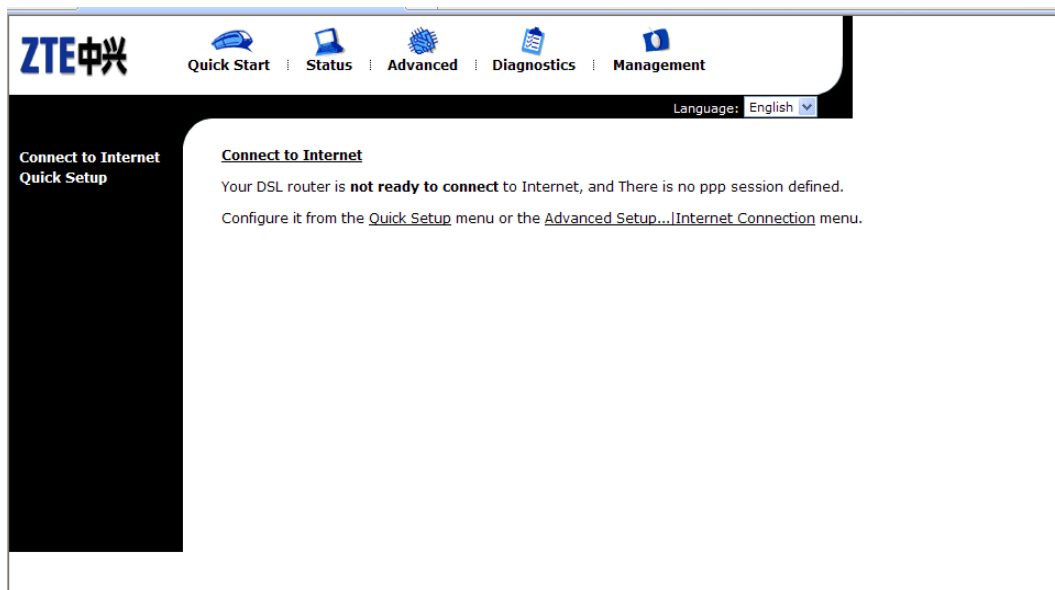
User name: admin

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 6 konekcija koje se prije nove konfiguracije trebaju izbrisati. PVC br_8_35 može se sačuvati jer predstavlja konekciju i PVC za Internet.

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	*	

Finish

Svih 6 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, kao i konekcija br_8_35 (PVC 8/35 za Internet)
Na kraju kliknuti na Finish. Modem će se reboot-irati. Pričekati nekoliko minuta.

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_35	8/35	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.

1. Kreiranje servisnih konekcija

Poslije rebootiranja ostala je jedna konekcija koju zanemarujemo i konekcija za Internet PVC 8/35.

Sa Add se dodaju nove konekcije: PVC 8/40 za IPTV STB1, PVC 8/50 za IPTV STB2 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". The instructions state: "Please enter VPI and VCI numbers for the Internet connection which is provided by your ISP." The VPI field is set to 8 (range 0-255) and the VCI field is set to 40 (range 32-65533). The Service Category is set to "UBR Without PCR". There is a section for "Enable Quality Of Service" with a checkbox that is currently unchecked. Navigation buttons "< Back" and "Next >" are visible at the bottom.

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". The instructions state: "Select the protocol and encapsulation type over the ATM PVC that your ISP has instructed you to use." The Protocol options are: PPP over ATM (PPPoA), PPP over Ethernet (PPPoE), MAC Encapsulation Routing (MER), IP over ATM (IPoA), and Bridging (selected). The Encapsulation Mode is set to "LLC/SNAP". There is a checkbox for "Enable 802.1q" which is currently unchecked. Navigation buttons "< Back" and "Next >" are visible at the bottom.

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
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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_35	8/35	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 sljedeću konekciju 8/50 na isti način.

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_35	8/35	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:

Internet Connection Configuration

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

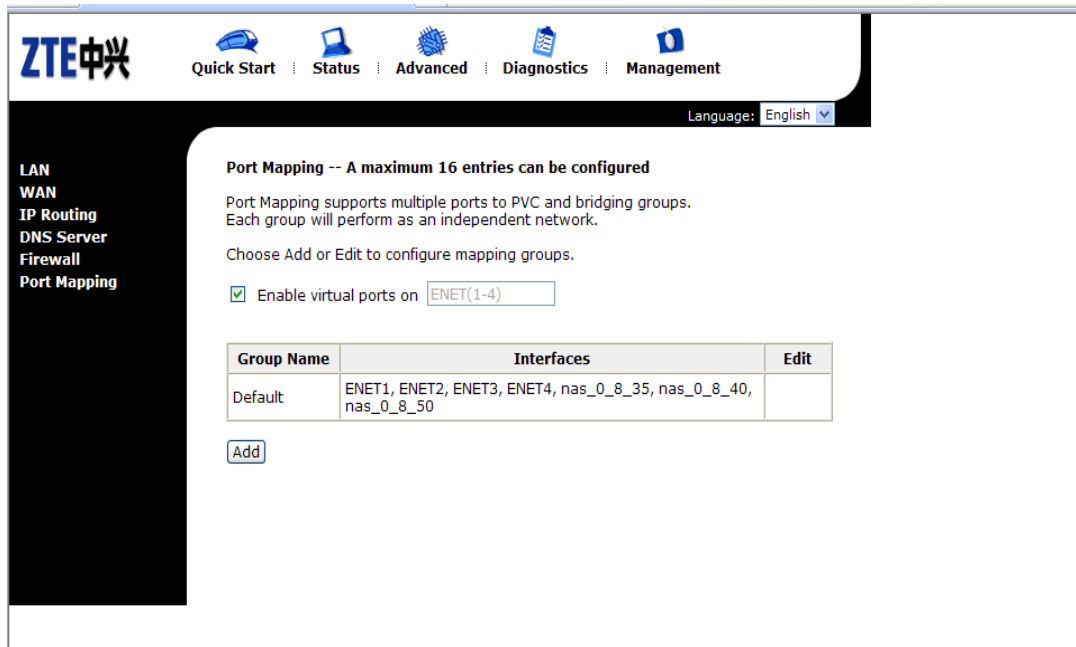
NOTE: The Internet connection is NOT active if the PVC name is marked with (?). You need to click "Finish" to apply the changes and reboot the system for activating this PVC.

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_35	8/35	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):



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.

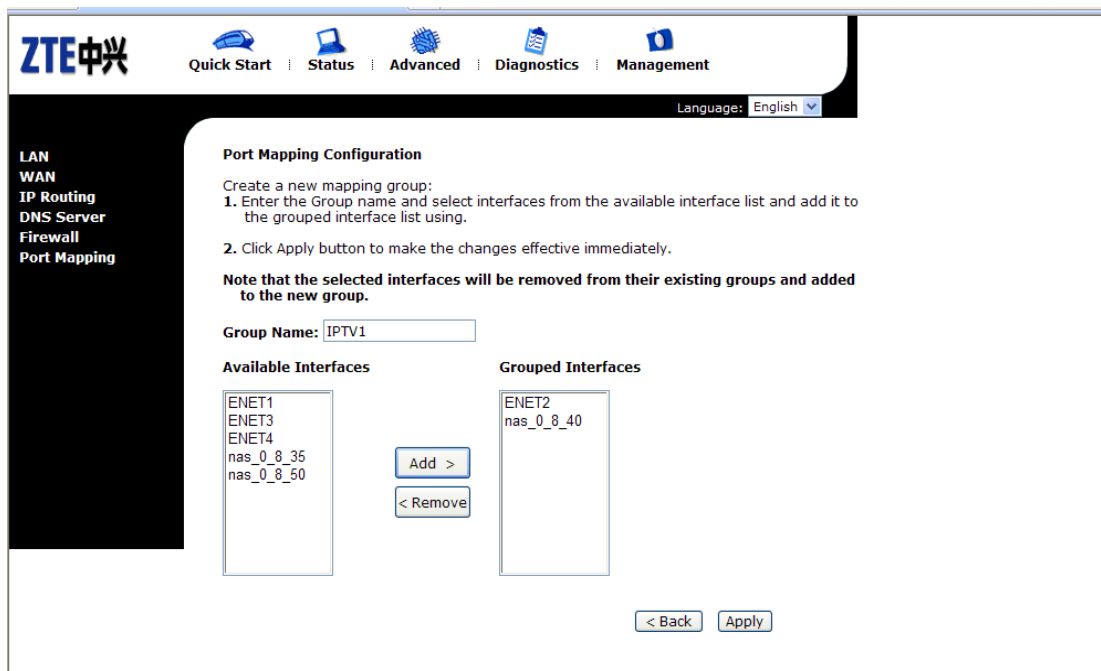
Choose Add or Edit to configure mapping groups.

Enable virtual ports on

Group Name	Interfaces	Edit
Default	ENET1, ENET2, ENET3, ENET4, nas_0_8_35, nas_0_8_40, nas_0_8_50	

Sa Add se dodaju grupe. Prva grupa je IPTV1.

Sa Add se ENET2 koji predstavlja fizički LAN2 port i konekcija nas_0_8_40 koja predstavlja PVC 8/40 za IPTV STB1 stavljaju u istu grupu.



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_35
- 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
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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 ENET(1-4)

Group Name	Interfaces	Edit
Default	ENET1, ENET3, ENET4, nas_0_8_35, nas_0_8_50	
IPTV1	ENET2, nas_0_8_40	 

Add

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

ZTE中兴 Quick Start Status Advanced Diagnostics Management Language: English



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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 ENET(1-4)

Group Name	Interfaces	Edit
Default	ENET1, ENET4, nas_0_8_35	
IPTV1	ENET2, nas_0_8_40	 
IPTV2	ENET3, nas_0_8_50	 

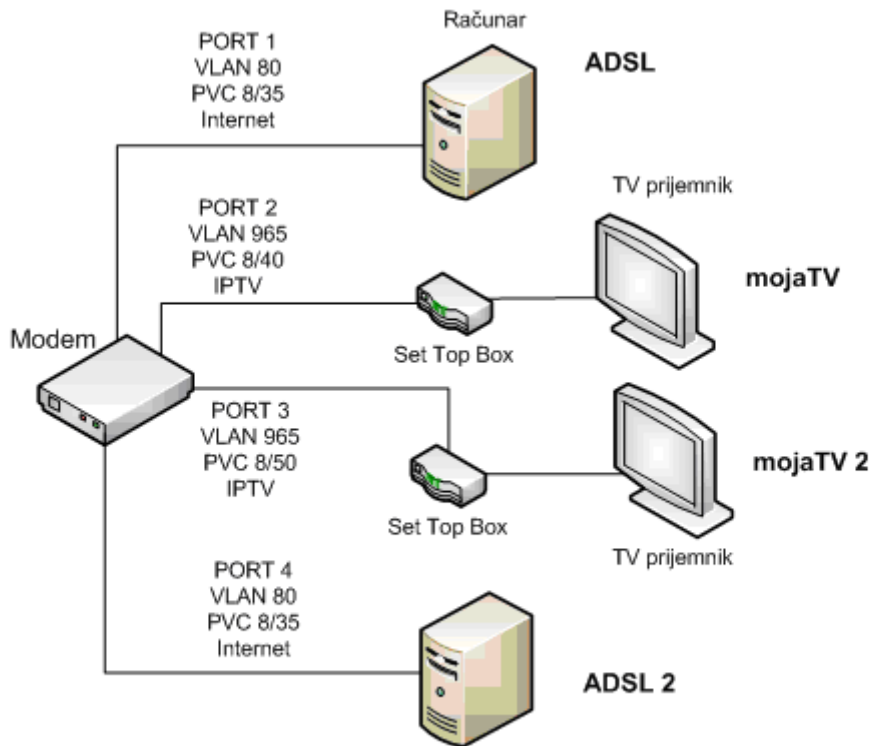
Add

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

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

Može se napraviti Restart modema i provjeriti da je konfiguracija spašena.

Na kraju treba povezati uređaje i testirati servise kao na slici:



Princip spajanja terminalne opreme na strani korisnika za uslugu mojaTV Net

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 router's Management interface. The navigation menu on the left includes: 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 (dots), and "Confirm New Password:" with masked characters (dots). An "Apply" button is located below the input fields. The language is set to "English".

Kliknuti na Apply.