

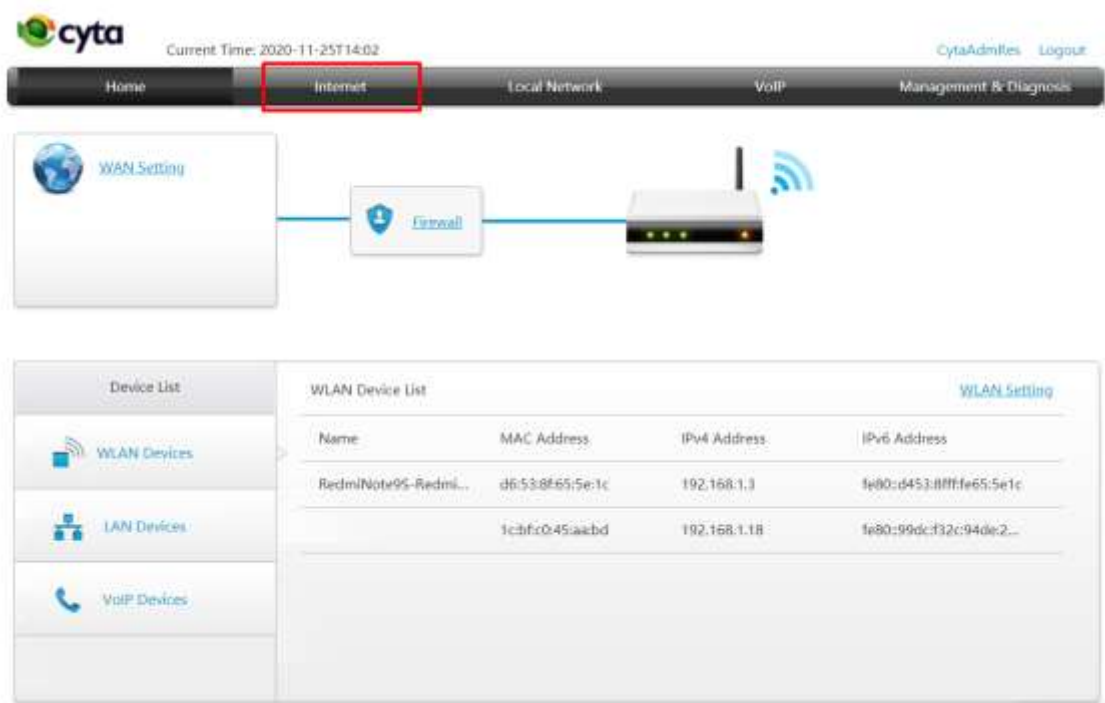
ΔΙΚΤΥΑ ΥΠΟΛΟΓΙΣΤΩΝ II

ROUTER

ΜΟΥΡΑΤΙΔΗΣ ΑΝΑΣΤΑΣΙΟΣ 9040
ΝΟΕΜΒΡΙΟΣ 2020 | atmourat@ece.auth.gr

Ρυθμίσεις Router για Port forwarding

Στα παρακάτω screenshot φαίνονται οι ρυθμίσεις που έγιναν στο router ZXHN H267N V1.0 της Cyta, με στόχο να υλοποιηθεί το Port Forwarding για την εργασία. Χρησιμοποιούμε ως τοπική IP για τη ρύθμιση του Port Forwarding την «192.168.1.18», που θα οριστεί ως στατική IP του υπολογιστή (ακολουθεί στην επόμενη ενότητα.).



Current Time: 2020-11-25T14:02

CytaAdmins Logout

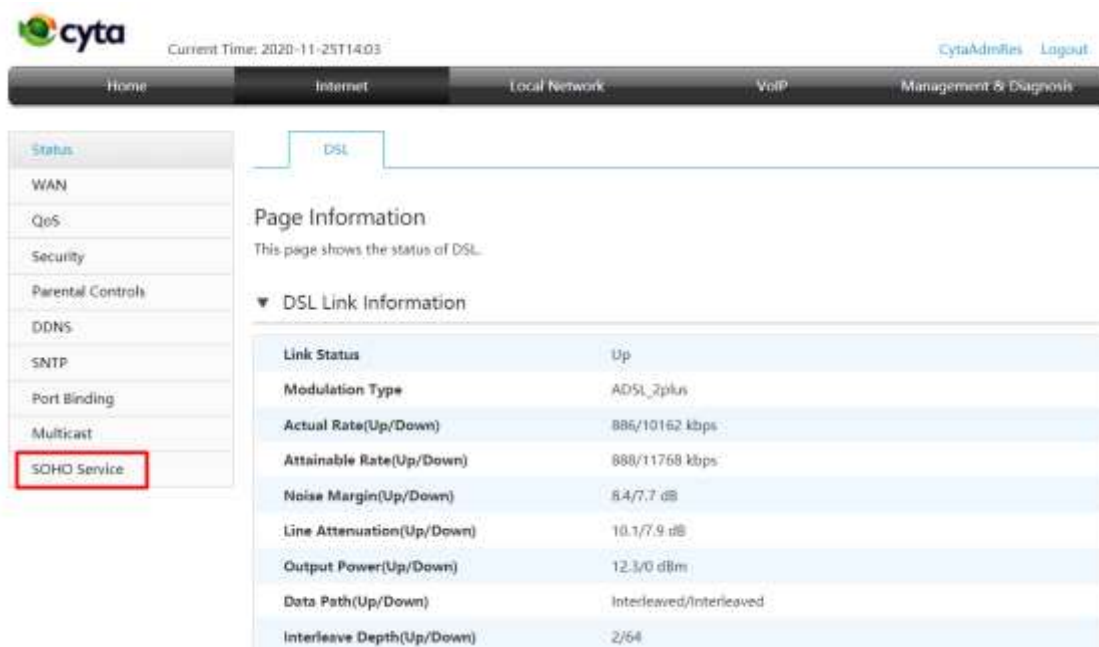
Home Internet Local Network VoIP Management & Diagnosis

WAN Setting

Device List

WLAN Device List

Name	MAC Address	IPv4 Address	IPv6 Address
RedmiNote9S-Redmi...	d6:53:8f:65:5e:1c	192.168.1.1	fe80:d453:8fff:fe65:5e1c
	1c:bfc0:45:aa:bd	192.168.1.18	fe80:99dc:f32c:94de:2...



Current Time: 2020-11-25T14:03

CytaAdmins Logout

Home Internet Local Network VoIP Management & Diagnosis

Status

WAN

QoS

Security

Parental Controls

DDNS

SNTP

Port Binding

Multicast

SOHO Service

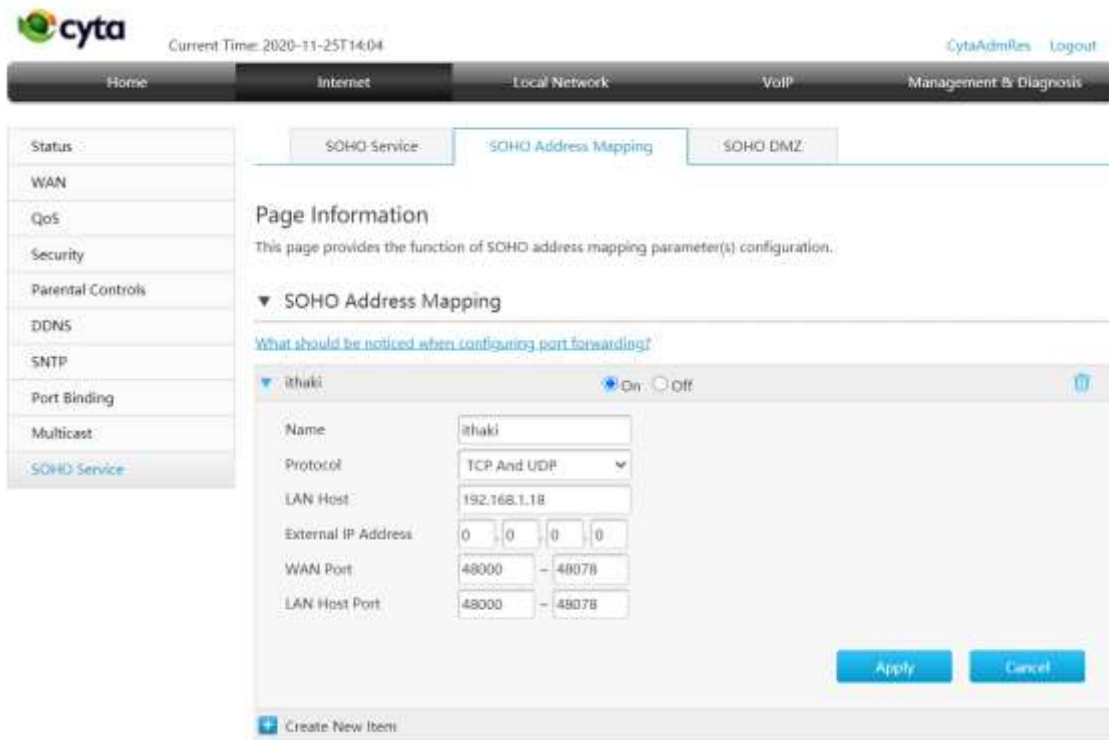
DSL

Page Information

This page shows the status of DSL.

▼ DSL Link Information

Link Status	Up
Modulation Type	ADSL_2plus
Actual Rate(Up/Down)	886/10162 kbps
Attainable Rate(Up/Down)	888/11768 kbps
Noise Margin(Up/Down)	8.4/7.7 dB
Line Attenuation(Up/Down)	10.1/7.9 dB
Output Power(Up/Down)	12.3/0 dBm
Data Path(Up/Down)	Interleaved/Interleaved
Interleave Depth(Up/Down)	2/64

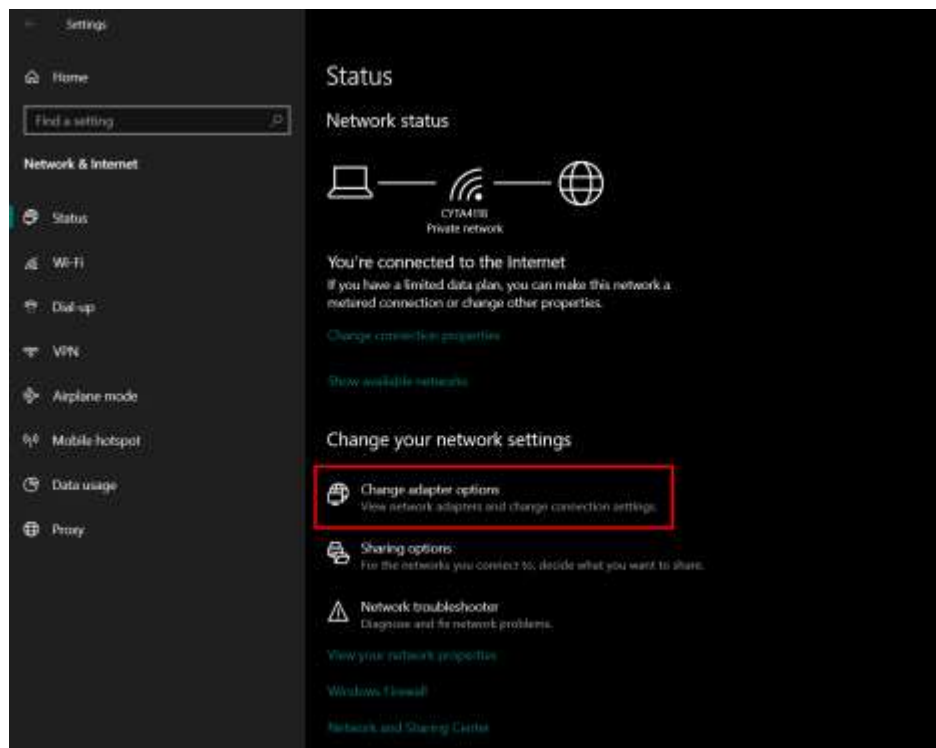


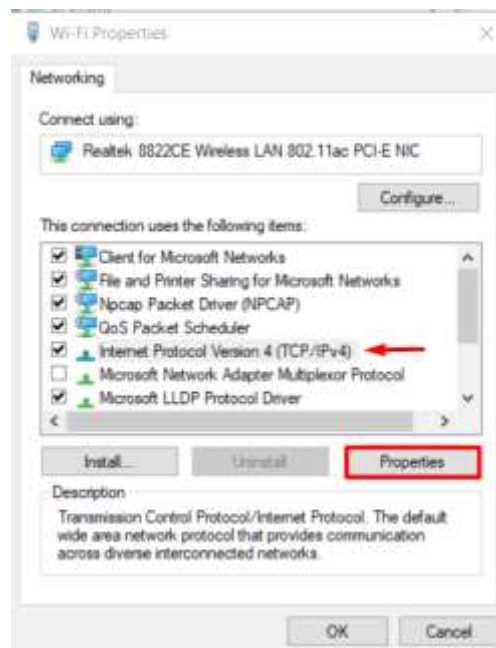
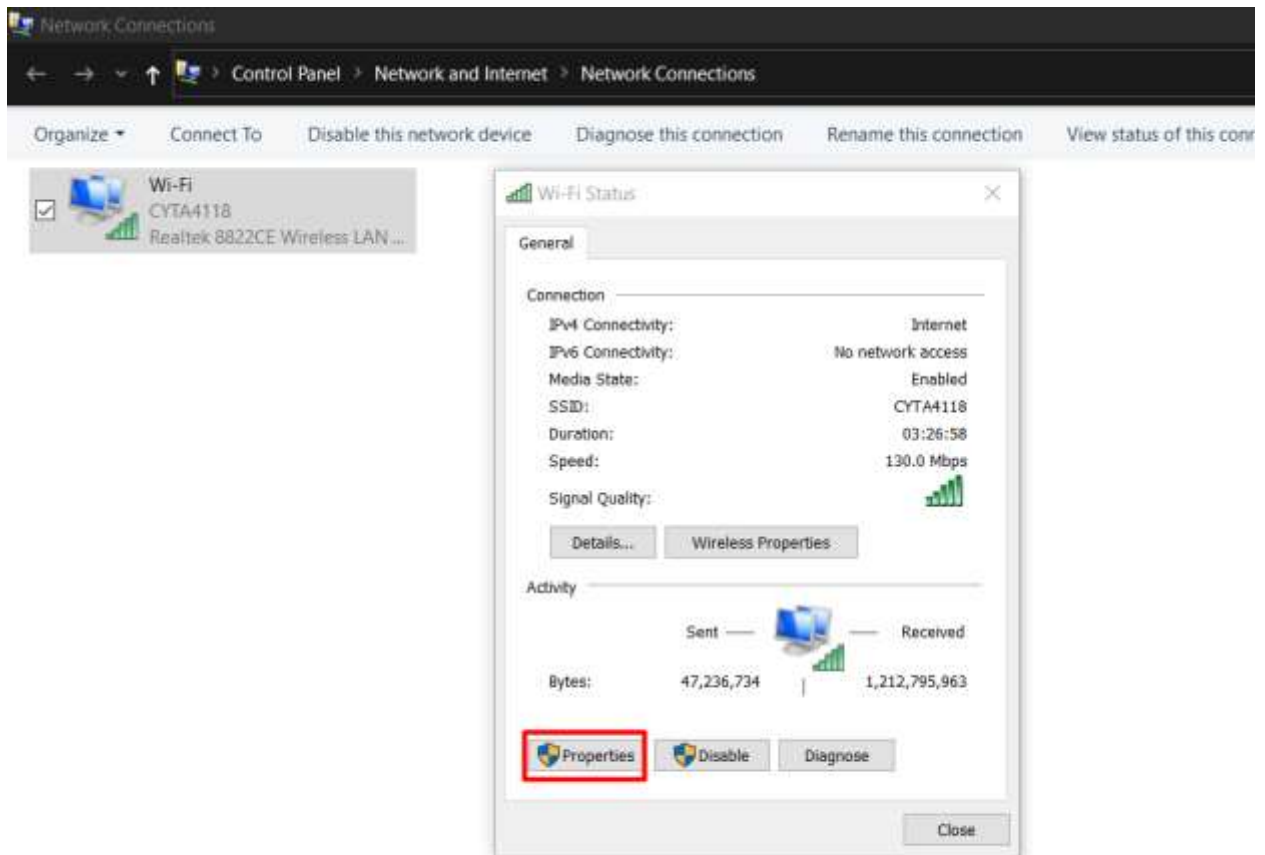
The screenshot shows the Cyta router's web interface. The top navigation bar includes links for Home, Internet, Local Network, VoIP, and Management & Diagnosis. The left sidebar lists various settings: Status, WAN, QoS, Security, Parental Controls, DDNS, SNTP, Port Binding, Multicast, and SOHO Service (which is highlighted). The main content area is titled 'SOHO Address Mapping' and includes a 'Page Information' section stating that the page provides the function of SOHO address mapping parameter(s) configuration. Below this, there is a section for 'SOHO Address Mapping' with a sub-section for 'Ithaki'. The 'Ithaki' section is currently 'On'. The configuration fields for 'Ithaki' are as follows:

Field	Value
Name	ithaki
Protocol	TCP And UDP
LAN Host	192.168.1.18
External IP Address	0 . 0 . 0 . 0
WAN Port	48000 ~ 48078
LAN Host Port	48000 ~ 48078

At the bottom of the configuration area, there are 'Apply' and 'Cancel' buttons, and a '+ Create New Item' link.

Ρυθμίσεις στον Υπολογιστή για Port forwarding







Αν γράψουμε `ipconfig` στην γραμμή εντολών των Windows μπορούμε να επιβεβαιώσουμε ότι η IPV4 Address της συσκευής είναι πλέον στατική «192.168.1.18», οπότε είμαστε έτοιμοι να λάβουμε πακέτα.

```

C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.18363.1198]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\anast>ipconfig

Windows IP Configuration

Wireless LAN adapter Local Area Connection* 1:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection* 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . :

Wireless LAN adapter Wi-Fi:

    Connection-specific DNS Suffix . :
    Link-local IPv6 Address . . . . . : fe80::99dc:f32c:94de:290b%5
    IPv4 Address. . . . . : 192.168.1.18
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1

C:\Users\anast>

```

▼ HSI_AD

Simple

Connection Name	<input type="text" value="HSI_AD"/>
DSL Transfer Mode	<input type="text" value="ATM"/>
ATM Parameters	
VPI/VCI	<input type="text" value="8"/> / <input type="text" value="35"/>
Encapsulation Type	<input type="text" value="LLC"/>
Service Type	<input type="text" value="UBR"/>
Type	<input type="text" value="Routing"/>
Service List	<input type="text" value="INTERNET"/>
MTU	<input type="text" value="1492"/>
Link Type	<input type="text" value="PPP"/>
PPP Transfer Type	<input type="text" value="PPPoE"/>
PPP	
Username	<input type="text" value="an.mouratidis"/>
Password	<input type="password" value="*****"/>
Authentication Type	<input type="text" value="Auto"/>
Connection Mode	<input type="text" value="Always On"/>
IP Version	<input type="text" value="IPv4"/>
NAT	<input checked="" type="radio"/> On <input type="radio"/> Off
VLAN	<input type="radio"/> On <input checked="" type="radio"/> Off

Status
WLAN
LAN
Routing
UPnP
DNS

IPv4

IPv6

Page Information

This page provides the function of LAN (IPv4) parameter(s) configuration.

► Allocated Address (DHCP)

▼ DHCP Server

DHCP Server

☒ On ☐ Off

LAN IP Address

192

168

1

1

Subnet Mask

255

255

255

0

DHCP Start IP Address

192

168

1

2

DHCP End IP Address

192

168

1

254

ISP DNS

☐ On ☒ Off

Primary DNS

192

168

1

1

Secondary DNS

0

0

0

0

Lease Time Mode

Custom

Custom Lease Time

86400

Apply

Cancel