

# Router Configuration

## Port Forwarding

Στην εικόνα δεξιά φαίνεται το port forwarding το οποίο έγινε ούτως ώστε να μπορούμε να παίρνουμε UDP πακέτα από τον server της Ιθάκης (155.207.18.208).

Network

Security

Application

DDNS

DMZ Host

UPnP

UPnP Port Mapping

Port Forwarding

DNS Service

USB Storage

DMS

FTP Application

Port Trigger

Port Forwarding (Application List)

Application List

Administration

Help

Enable ☐

Name

Protocol TCP

WAN Host Start IP Address

WAN Host End IP Address

WAN Connection HSI

WAN Start Port

WAN End Port

Enable MAC Mapping ☐

LAN Host IP Address

LAN Host Start Port

LAN Host End Port

Add

Enable	Name	WAN Host Start IP Address	WAN Start Port	LAN Host Start Port	WAN Connection	Modify	Delete
<input checked="" type="checkbox"/>	ithaki	155.207.18.20	48000	48000	HSI		
<input checked="" type="checkbox"/>	TCP AND	155.207.18.20	48048	48048	192.168.2.2		
<input checked="" type="checkbox"/>	ithakiCopt	155.207.18.20	48078	48078	HSI		
<input checked="" type="checkbox"/>	TCP AND	155.207.18.20	48078	48078	192.168.2.2		

Στην εικόνα αυτή βλέπουμε τον DHCP Server ο οποίος αναγνωρίζει δυο devices (το laptop μου και το κινητό μου τηλέφωνο). Λόγω του ότι και τα δύο devices δεν είναι σχεδόν ποτέ αποσυνδεδεμένα από το router για περισσότερη ώρα από το Remaining Lease Time (86400sec = 24 hours), δεν χρειάστηκε να κάνω static την IP του laptop μου.

Status

Network

WAN

WLAN

LAN

DHCP Server

DHCP Binding

DHCP Port Service

Routing(IPv4)

Security

Application

Administration

Help

Path:Network-LAN-DHCP Server

Logout

NOTE: The DHCP Start IP Address and DHCP End IP Address should be in the same subnet as the LAN IP.

LAN IP Address

Subnet Mask

Enable DHCP Server ☒

DHCP Start IP Address

DHCP End IP Address

Assign IspDNS ☐

DNS Server1 IP Address

DNS Server2 IP Address

DNS Server3 IP Address

Default Gateway

Lease Time  sec

Allocated Address

MAC Address	IP Address	Remaining Lease Time	Host Name	Port
64:5a:04:8e:dd:2c	192.168.2.2	63701	Koseoglou-Wind	SSID1
50:8f:4c:4f:d5:43	192.168.2.3	85912	RedmiNote4-Red	SSID1

Εδώ επιβεβαιώνεται ότι δεν έχει δηλωθεί ως static η IP Address του laptop, αλλά δίνεται αυτόματα μέσω του DHCP.

Internet Protocol Version 4 (TCP/IPv4) Properties

General

Alternate Configuration

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

☒ Obtain an IP address automatically

☐ Use the following IP address:

IP address:

Subnet mask:

Default gateway:

☒ Obtain DNS server address automatically

☐ Use the following DNS server addresses:

Preferred DNS server:

Alternate DNS server:

☐ Validate settings upon exit

Advanced...

OK

Cancel

Type	PPP
Connection Name	HSI
ADSL Transfer Mode	ATM
PVC	8/35
IP Version	IPv4/v6
NAT	Enabled
IP	77.69.100.243
DNS	62.38.0.81/62.38.1.81/0.0.0.0
IPv4 Connection Status	Connected
IPv4 Online Duration	71645 sec
Disconnect Reason	
LLA	::
GUA	::
DNS	::/::/::
Prefix Delegation	Yes
Delegating Prefix Address	::
IPv6 Connection Status	Unconfigured
IPv6 Online Duration	0 sec
WAN MAC	e0:19:54:a8:4c:ad

## Internet Service Provider (ISP)

Ο ISP του router μου είναι **Vodafone**. Αυτό μπορούμε να το επιβεβαιώσουμε με ένα από τους δυο παρακάτω τρόπους.

Είτε με την βοήθεια της σελίδας **whoismyip.org**



Είτε κάνοντας track ένα πακέτο μέσω του τερματικού

```
Microsoft Windows [Version 10.0.17763.1577]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Sokratis Koseoglou>tracert ithaki.eng.auth.gr

Tracing route to ithaki.eng.auth.gr [155.207.18.208]
over a maximum of 30 hops:

  1  2 ms    1 ms    1 ms  192.168.2.1 [192.168.2.1]
  2  23 ms   23 ms   22 ms  loopback2004.med01.dsl.hol.gr [62.38.0.170]
  3  33 ms   34 ms   33 ms  gigaeth02-48.the00.csw.hol.gr [62.38.98.9]
  4  32 ms   31 ms   31 ms  62.38.96.137
  5  33 ms   33 ms   34 ms  62.38.96.150
  6  33 ms   33 ms   35 ms  grnet.gr-ix.gr [176.126.38.1]
  7  43 ms   44 ms   43 ms  thessalonikir-eier-1.backbone.grnet.gr [62.217.100.73]
  8  42 ms   42 ms   42 ms  auth-thes-1.thessalonikir.access-link.grnet.gr [62.217.98.23]
  9  45 ms   43 ms   43 ms  ithaki.eng.auth.gr [155.207.18.208]

Trace complete.

C:\Users\Sokratis Koseoglou>
```

Advertisements	Basic Tracking Info
	IP Address: 62.38.0.170 <small>(IP Blacklist Check)</small>
	Reverse DNS: 170.0.38.62.in-addr.arpa
	Hostname: loopback2004.med01.dsl.hol.gr
	ns1.hol.gr >> 194.30.220.119
	Nameservers: ns2.hol.gr >> 194.30.220.118
	ns0.hol.gr >> 194.30.220.110
	Location For an IP: 62.38.0.170
	Continent: Europe (EU)
	Country: Greece (GR)
	Capital: Athens
	State: Attiki
	City: Athens
	Location: Athens
	ISP: Vodafone-panafon Hellenic Telecommunications Compa