



Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης
Πολυτεχνική Σχολή

Δίκτυα Υπολογιστών II

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1 Ρυθμίσεις router

▼ DHCP Server

DHCP Server	<input checked="" type="radio"/> On <input type="radio"/> 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 . 30
ISP DNS	<input type="radio"/> On <input checked="" type="radio"/> Off
Primary DNS	192 . 168 . 1 . 1
Secondary DNS	0 . 0 . 0 . 0
Lease Time Mode	Custom
Custom Lease Time	1814400 s

Figure 1: DHCP

▼ ithaki ☒ On ☐ Off

Name	ithaki
Protocol	UDP
WAN Connection	PTM_DSL
WAN Host IP Range	0 . 0 . 0 . 0 ~ 0 . 0 . 0 . 0
MAC Mapping	<input type="radio"/> On <input checked="" type="radio"/> Off
LAN Host IP Address	192 . 168 . 1 . 50
WAN Port Range	48000 ~ 48078
LAN Host Port Range	48000 ~ 48078

Figure 2: Port forwarding

▼ PTM_DSL

Connection Name	PTM_DSL
DSL Transfer Mode	PTM
Type	Routing
Service List	INTERNET_VoIP_TR069
MTU	1492
Link Type	PPP
PPP Transfer Type	PPPoE

PPP

Username	[REDACTED]@otenet.gr
Password	*****

IP Version: IPv4/v6

IPv4

Manual DNS	<input type="radio"/> On <input checked="" type="radio"/> Off
NAT	<input checked="" type="radio"/> On <input type="radio"/> Off

IPv6

IPv6 Info Acquire Mode	Auto
Manual DNS	<input type="radio"/> On <input checked="" type="radio"/> Off
Router Solicitation	<input checked="" type="radio"/> On <input type="radio"/> Off
SLAAC	<input checked="" type="radio"/> On <input type="radio"/> Off
DHCPv6	<input checked="" type="radio"/> On <input type="radio"/> Off
Request GUA	<input checked="" type="radio"/> On <input type="radio"/> Off
Request PD	<input checked="" type="radio"/> On <input type="radio"/> Off
GUA from PD	<input checked="" type="radio"/> On <input type="radio"/> Off

VLAN: ☒ On ☐ Off

VLAN ID	835
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Figure 3: Authentication: User is registered

▼ DSL Connection Status

Connection Name	PTM_DSL
Type	PPPoE
DSL Transfer Mode	PTM
IP Version	IPv4/v6
NAT	On
IP Address	87.202.99.165/255.255.255.255
DNS	212.205.212.205/195.170.0.1/0.0.0.0

Figure 4: Public IP address (χωρίς CGNAT)

2 Ρύθμιση private static IP

TODO: Μάλλον αυτό πρέπει να πάει στο reporto ως σχόλιο! Η static IP address πρέπει να είναι εκτός του DHCP range, για να αποφύγουμε τυχόν conflict σε περίπτωση που ο DHCP server αποφασίσει να δώσει IP ίδια με αυτήν που έχουμε ορίσει ως στατική.

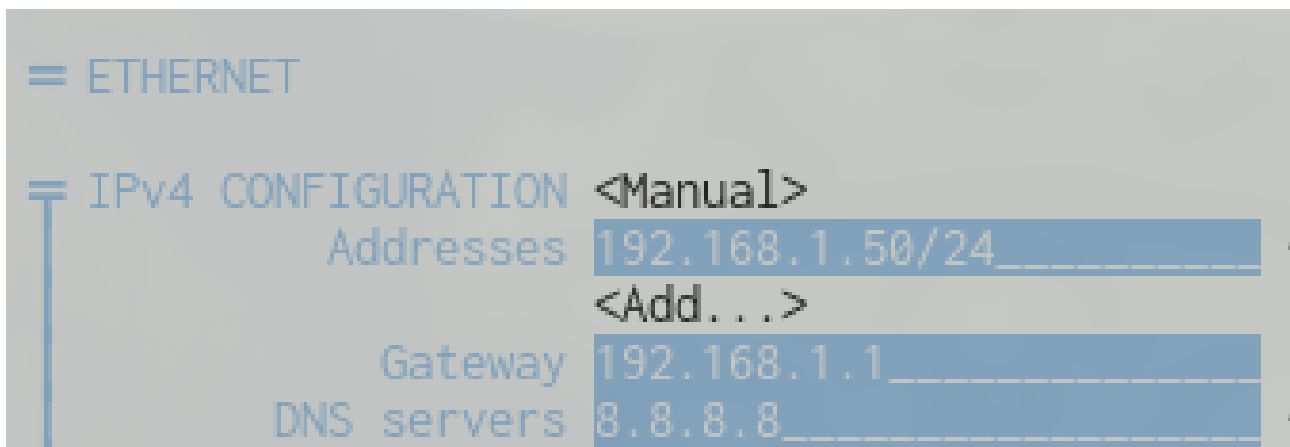


Figure 5: Setting static IP address via network manager. Ethernet interface