Ονοματεπώνυμο: Παναγιώτης Σταματόπουλος		**Ομάδα:** 6
Όνομα PC/ΛΣ: TakisAsus/Windows 10	**Ημερομηνία:** 5/10/23	
Διεύθυνση IP: 192.168.2.4	**Διεύθυνση Mac:** D4-5D-64-59-27-5F	

AM: el20096

Εργαστηριακή Άσκηση 1
Αναλυτής Πρωτοκόλλων Wireshark

Άσκηση 1:

*Στον προσωπικό υπολογιστή

1.1: Realtek PCIe GbE Family Controller

Windows PowerShell > ipconfig/all

1.2: Ethernet

Windows PowerShell > ipconfig/all **Wireless: Media Disconnected**

1.3: 100 Mbps

Windows PowerShell >WMIC NIC

1.4: D4-5D-64-59-27-5F

Windows PowerShell > ipconfig/all

1.5: 192.168.2.4

Windows PowerShell > ipconfig/all

1.6: Δεν έχει ορισθεί

Windows PowerShell > ipconfig/all

1.7: 192.168.2.1

Windows PowerShell > ipconfig/all

1.8: 192.168.2.1

Windows PowerShell > ipconfig/all

Άσκηση 2:

*Στον προσωπικό υπολογιστή

2.1: TakisAsus / Windows 10
Windows PowerShell > ipconfig/all

2.2: VirtualBox Host-Only Ethernet Adapter

TAP-Windows Adapter V9

Realtek 8821CE Wireless LAN 802.11ac PCI-E NIC

Microsoft Wi-Fi Direct Virtual Adapter #3

Microsoft Wi-Fi Direct Virtual Adapter #4

Realtek PCIe GbE Family Controller
Windows PowerShell > ipconfig/all

2.3: D4-5D-64-59-27-5F
Windows PowerShell > ipconfig/all

2.4: 100 Mbps
Windows PowerShell > WIMC NIC

2.5: 192.168.2.4
Windows PowerShell > ipconfig/all

2.6: 255.255.255.0
Windows PowerShell > ipconfig/all

(i) 24 bits

(ii) 192.168.2.0

2.7: fe80::a8a1:7b8f:2e87:345a%14 (link-local)
Windows PowerShell > ipconfig/all

2.8: 192.168.2.1
Windows PowerShell > ipconfig/all

2.9: 192.168.2.1
Windows PowerShell > ipconfig/all

2.10: 192.168.2.1
Windows PowerShell > ipconfig/all

2.11: Unicast Packets Received: 29523162 / Sent: 34632702

Bytes Received: 3843837088 / Sent: 2254932944
Windows PowerShell >netstat –e -s

2.12: Packets Received: 13051262 / Output Requests: 5832922
Windows PowerShell >netstat –e -s

2.13: 38 Established TCP Connections
Windows PowerShell >netstat –n

2.14: Source (49423) → Destination (4070)

Source (50715) → Destination (5228)
Windows PowerShell >netstat –n

Άσκηση 3:

3.1: ARP, DB-LSP-DISC/JSON, DHCP, DNS, HTTP, ICMPv6, IGMPv3, NBSS, OSPF, SSDP, STP, TCP, TLSv1.2, TLSv1.3, VRRP

3.2: b0:22:7a:30:74:e0

3.3: HP

3.4: 147.102.38.115

3.5: 147.102.40.15

3.6: tcp.stream eq 5

3.7: i. Apache/2.2.22

    ii. \<title\>CN Lab1\</title\>

    iii. Στο label της καρτέλας του browser

3.8: ip.addr==147.102.40.15 and http

3.9: Sent 2 (147.102.38.115 → 147.102.40.15)

    Received 2 (147.102.40.15 → 147.102.38.115)

3.10: 0.001091 seconds

3.11: 7 packets → No. 70 – No. 76

3.12: ip.addr==147.102.40.15 and not http

3.13: i. HTTP → TCP: 0.000746 seconds

    ii. No.70 TCP → No.76 TCP: 0 seconds

    iii. HTTP Get → No.76 TCP: 0.000746 seconds

3.14: TRANSUM RTE Data:

    Service Time: 0.000746 seconds

    Response Spread: 0 seconds

    APDU Response Time: 0.000746 seconds

3.15: ip.src == 147.102.38.115 and http