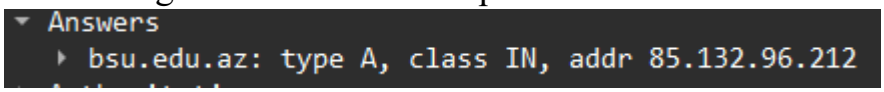
CS408 HW1 **Bartu Sisman**

00028038

1-)

This is the response packet that comes from the website

When we go into details of this packet we see:

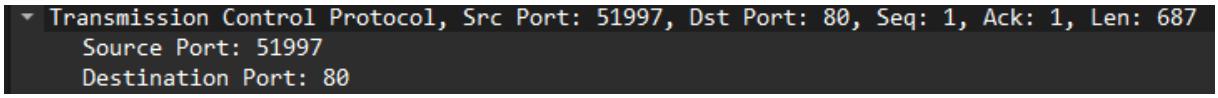


This is the ip address of the domain bsu.edu.az, 85.132.96.212

2-)

This is the GET request package that we are interested in

And in the details, we see:

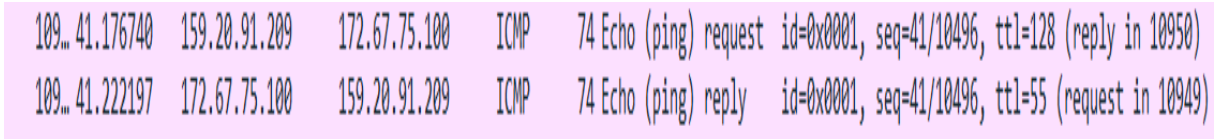


Source port is 51997 and Destination port is 80

3-)

These are the request and reply packages when we used the command

`ping unsam.edu.ar ` we only need one pair to determine the ip address so:



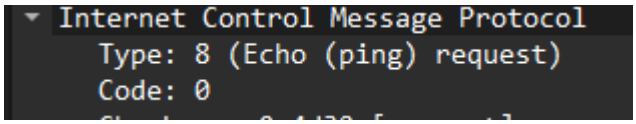
As we can see request has been made by pc which has an ip adress of 159.20.91.209

And reply was made by the website which has the ip address of 172.67.15.100

So this the ip adress of the domain

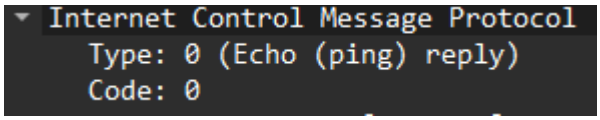
4-)

For the Echo request:



Type number is 8

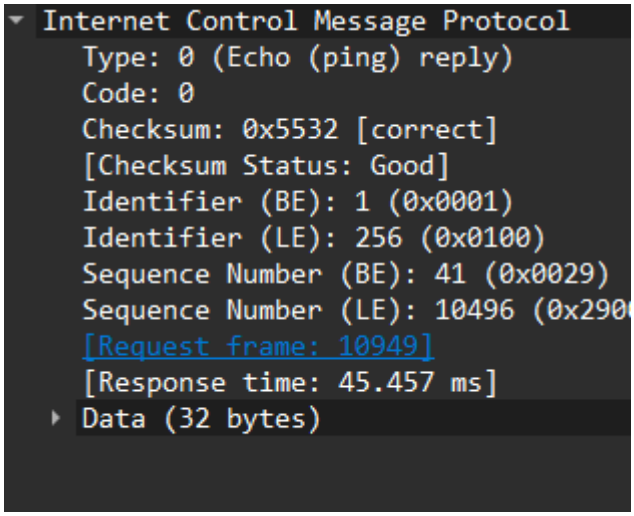
For the Echo reply



Type number is 0

5-)

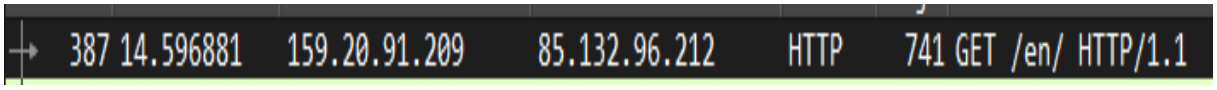
When we open the details of this package:

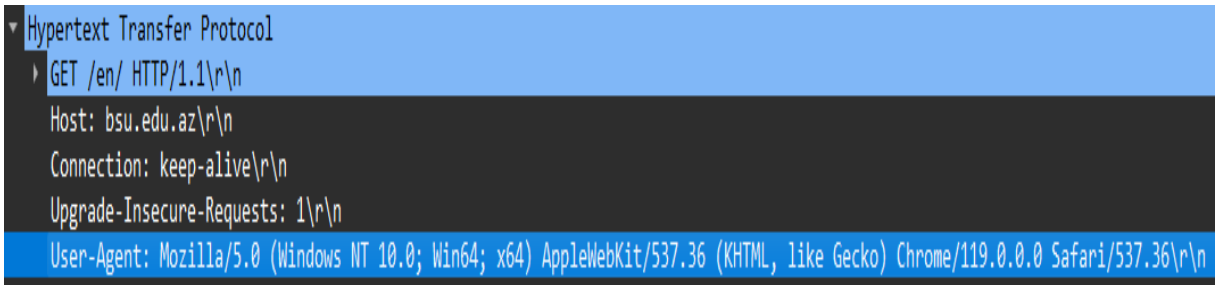


We cans see that the data length is 32 bytes

6-)

We can see when we get into the package details of this package:

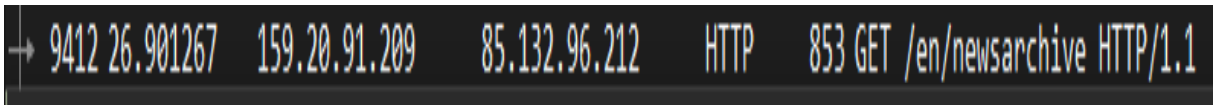




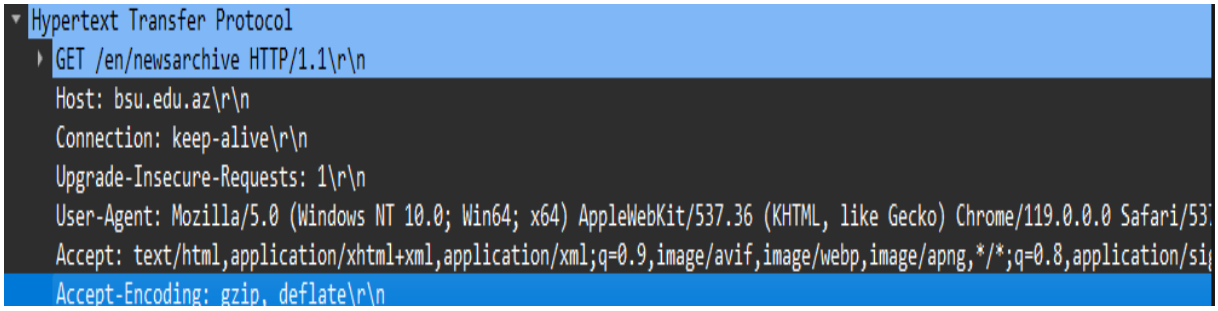
The user agent header's value is this string which identifies the versions of the browser and my operating system.

7-)

When we go into the details of this package:



We see:



The accept encoding part is show and its "gzip"

8-)

When we inspect the get package that was sent to the website:

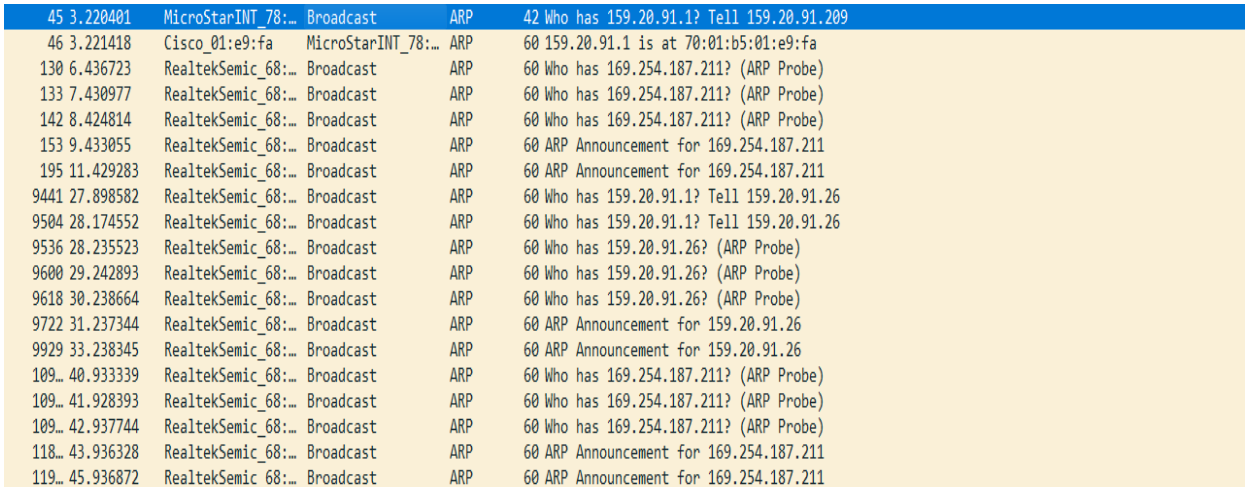
at the bottom line we see that Response in frame: 9529 which is the number of the message that was sent from the server which is this:

response package:

And we can see that http status code is 200 OK

9-)

These are ARP requests and replies:



This is one of the ARP requests:

And these are its s Sender, Target MAC addresses and Sender, Target IP addresses.

```
Address Resolution Protocol (ARP Probe)
    Hardware type: Ethernet (1)
    Protocol type: IPv4 (0x0800)
    Hardware size: 6
    Protocol size: 4
    Opcode: request (1)
    [Is probe: True]
    Sender MAC address: RealtekSemic_68:37:ac (00:e0:4c:68:37:ac)
    Sender IP address: 0.0.0.0
    Target MAC address: Xerox_00:00:00 (00:00:00:00:00:00)
    Target IP address: 159.20.91.26
```

This is a ARP reply:

And these are its s Sender, Target MAC addresses and Sender, Target IP addresses.

```
Address Resolution Protocol (reply)
    Hardware type: Ethernet (1)
    Protocol type: IPv4 (0x0800)
    Hardware size: 6
    Protocol size: 4
    Opcode: reply (2)
    Sender MAC address: Cisco_01:e9:fa (70:01:b5:01:e9:fa)
    Sender IP address: 159.20.91.1
    Target MAC address: MicroStarINT_78:b0:f0 (2c:f0:5d:78:b0:f0)
    Target IP address: 159.20.91.209
```

10-)

ip.src == 192.105.59.24 && tcp.dstport == 1334