INSTITUTO TECNOLOGICO DE CANCUN

Nombre De La Materia: Fundamentos De Telecomunicaciones

Nombre De La Unidad: Sistemas de comunicación

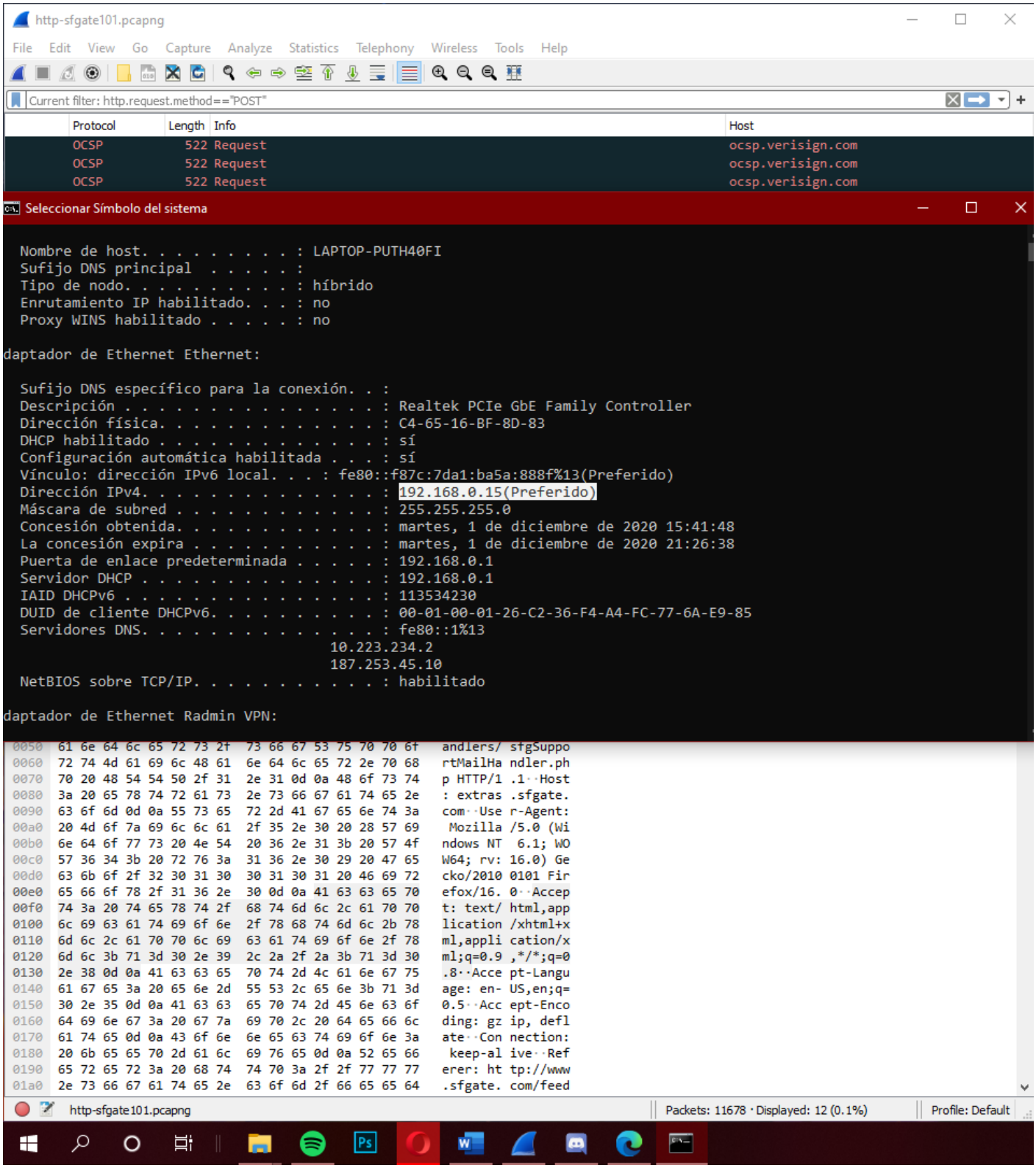
N.º De Actividad: Laboratorio 15

Nombre Del Alumno: Vazquez Canto Andres Omar

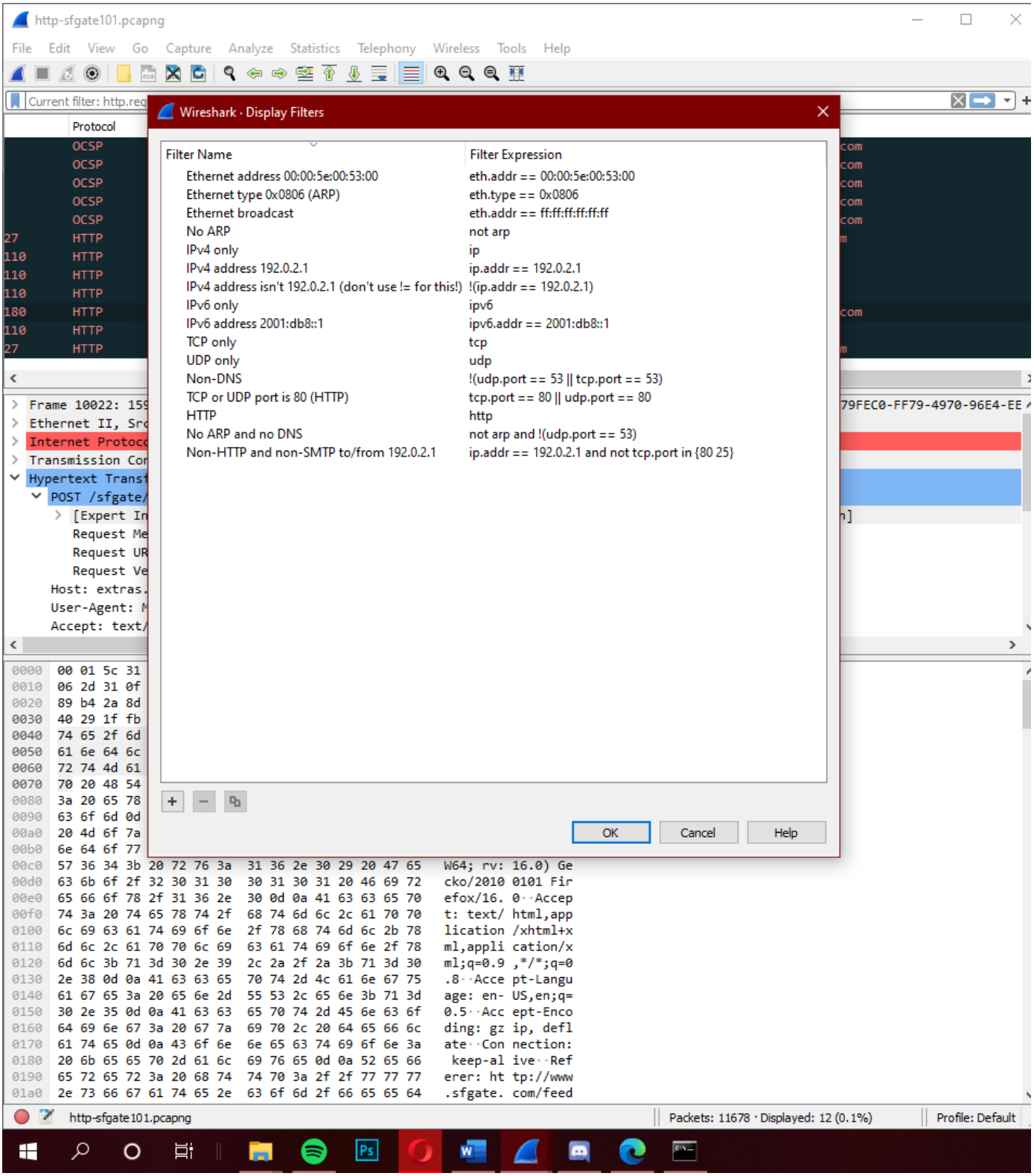
N.º De Control: 17530439

Lab15- Use a Default Filter as a Seed for a New Filter

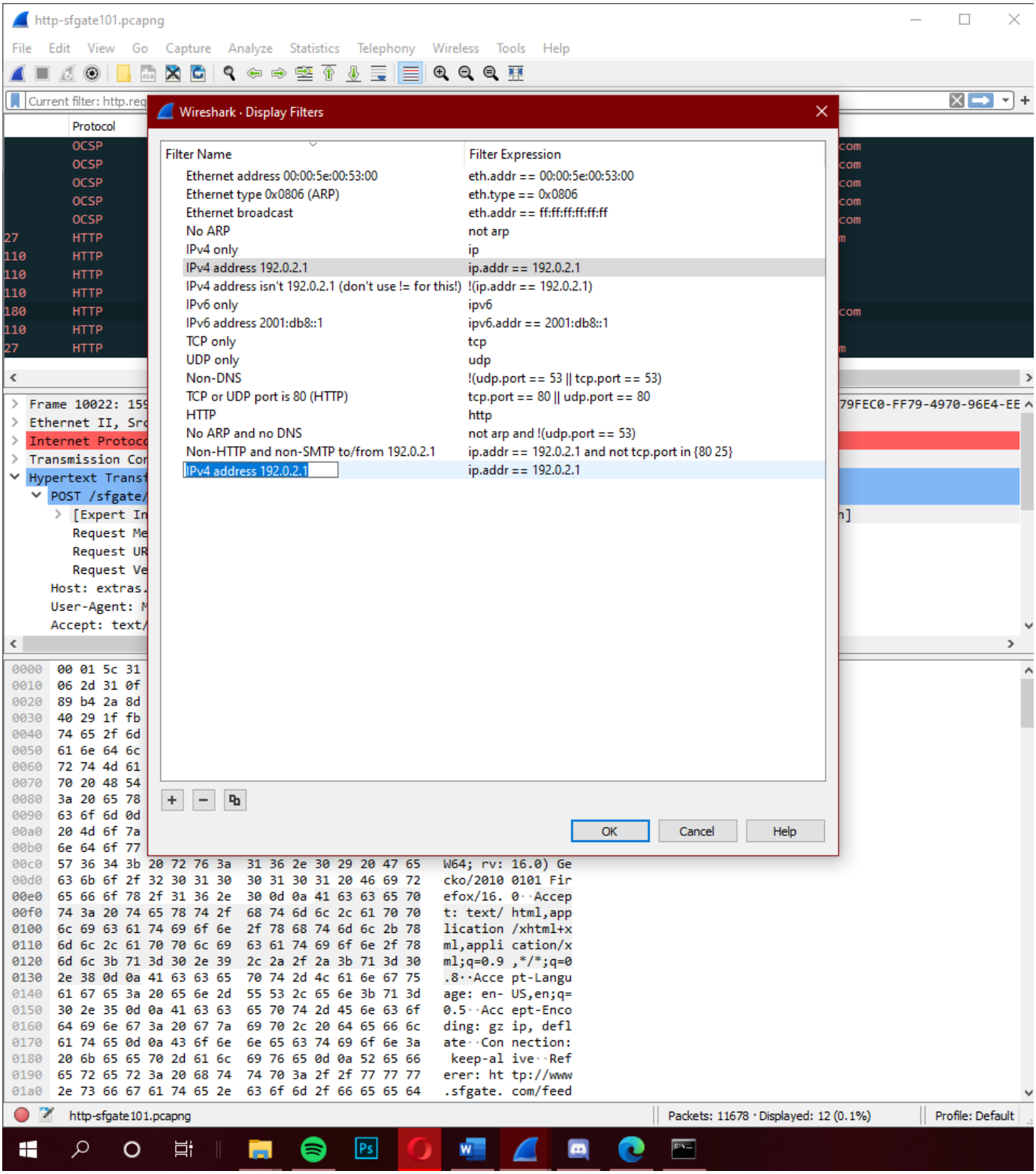
Paso 1:



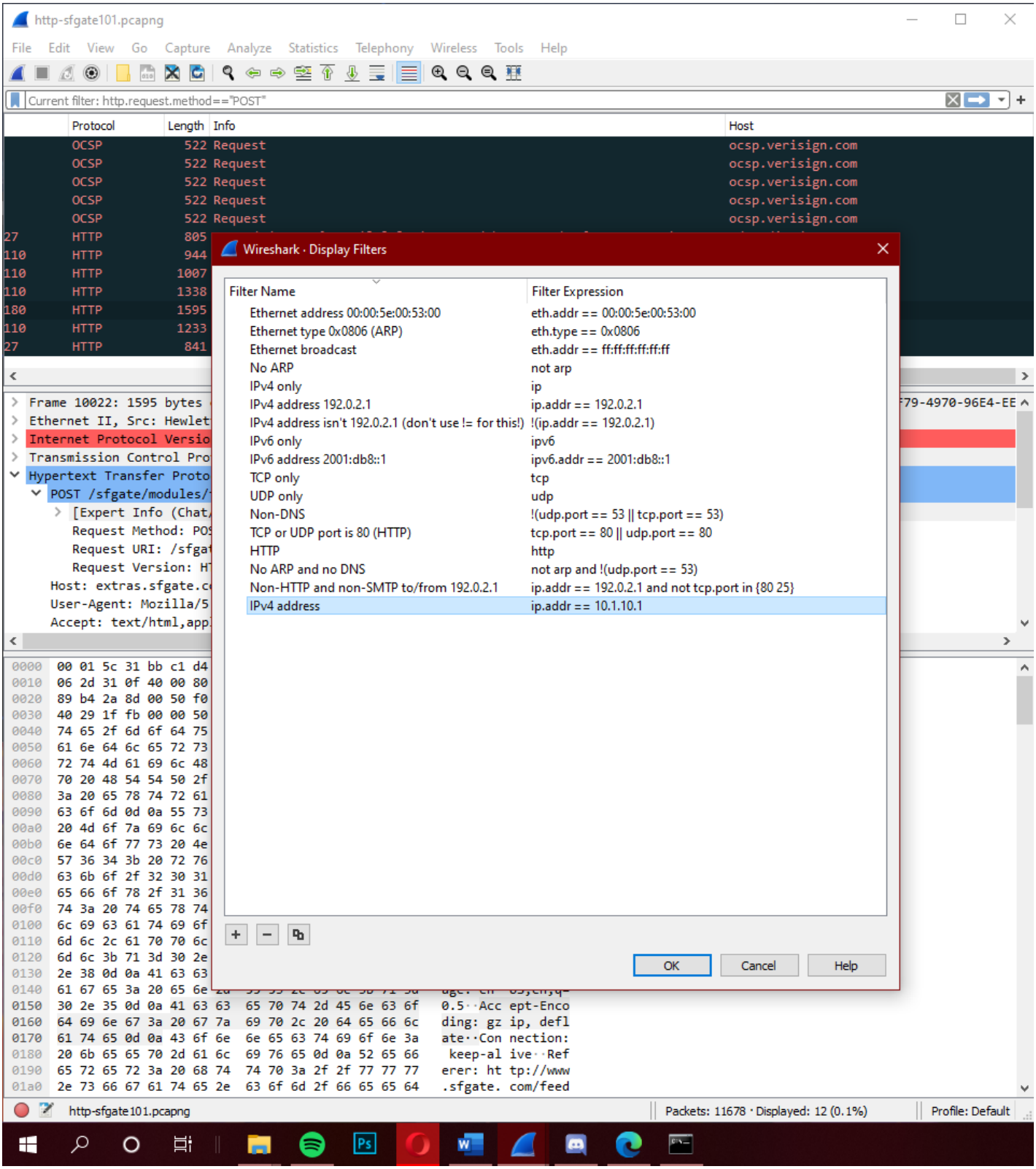
Paso 2:


http-sfgate101.pcapng
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Wireshark · Display Filters
Filter Name
Filter Expression
Ethernet address 00:00:5e:00:53:00
eth.addr == 00:00:5e:00:53:00
Ethernet type 0x0806 (ARP)
eth.type == 0x0806
Ethernet broadcast
eth.addr == ff:ff:ff:ff:ff:ff
No ARP
not arp
IPv4 only
ip
IPv4 address 192.0.2.1
ip.addr == 192.0.2.1
IPv4 address isn't 192.0.2.1 (don't use != for this!)
!(ip.addr == 192.0.2.1)
IPv6 only
ipv6
IPv6 address 2001:db8::1
ipv6.addr == 2001:db8::1
TCP only
tcp
UDP only
udp
Non-DNS
!(udp.port == 53 || tcp.port == 53)
TCP or UDP port is 80 (HTTP)
tcp.port == 80 || udp.port == 80
HTTP
http
No ARP and no DNS
not arp and !(udp.port == 53)
Non-HTTP and non-SMTP to/from 192.0.2.1
ip.addr == 192.0.2.1 and not tcp.port in {80 25}
OK
Cancel
Help
Packets: 11678 · Displayed: 12 (0.1%)
Profile: Default

Paso 3:


http-sfgate101.pcapng
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Wireshark · Display Filters
Filter Name
Filter Expression
Ethernet address 00:00:5e:00:53:00
eth.addr == 00:00:5e:00:53:00
Ethernet type 0x0806 (ARP)
eth.type == 0x0806
Ethernet broadcast
eth.addr == ff:ff:ff:ff:ff:ff
No ARP
not arp
IPv4 only
ip
IPv4 address 192.0.2.1
ip.addr == 192.0.2.1
IPv4 address isn't 192.0.2.1 (don't use != for this!)
!(ip.addr == 192.0.2.1)
IPv6 only
ipv6
IPv6 address 2001:db8::1
ipv6.addr == 2001:db8::1
TCP only
tcp
UDP only
udp
Non-DNS
!(udp.port == 53 || tcp.port == 53)
TCP or UDP port is 80 (HTTP)
tcp.port == 80 || udp.port == 80
HTTP
http
No ARP and no DNS
not arp and !(udp.port == 53)
Non-HTTP and non-SMTP to/from 192.0.2.1
ip.addr == 192.0.2.1 and not tcp.port in {80 25}
IPv4 address 192.0.2.1
ip.addr == 192.0.2.1
OK
Cancel
Help
Packets: 11678 · Displayed: 12 (0.1%)
Profile: Default

Paso 4:



Paso 5: Darle ok: