

Instituto Tecnológico de Cancún

Ingeniería en Sistemas Computacionales

Fundamentos de Telecomunicaciones

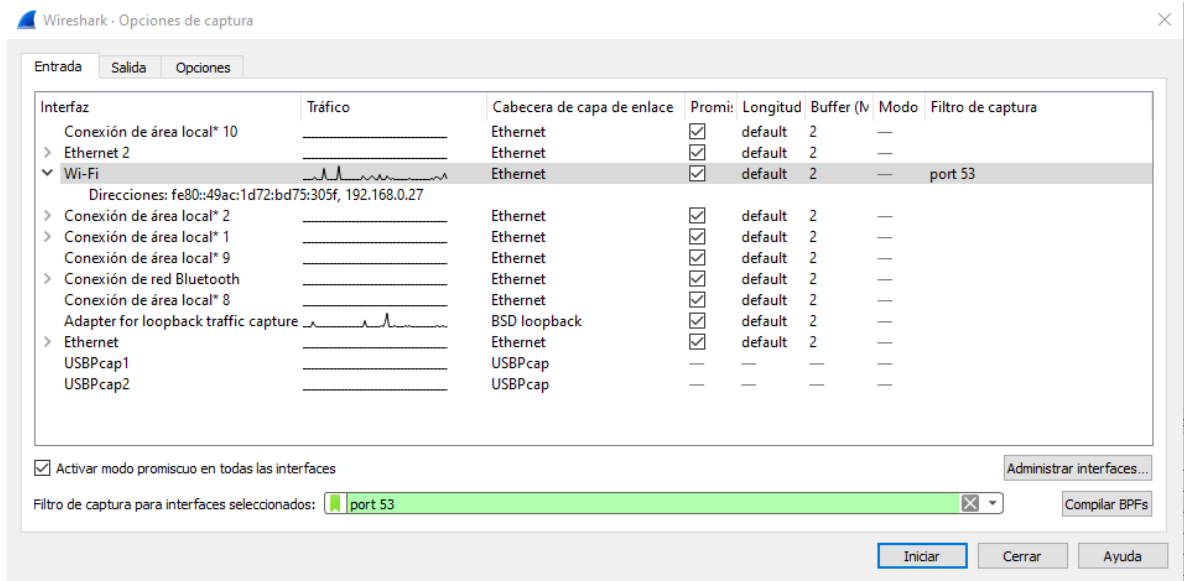
**Lab13 - Create, Save and Apply a DNS
Capture Filter**

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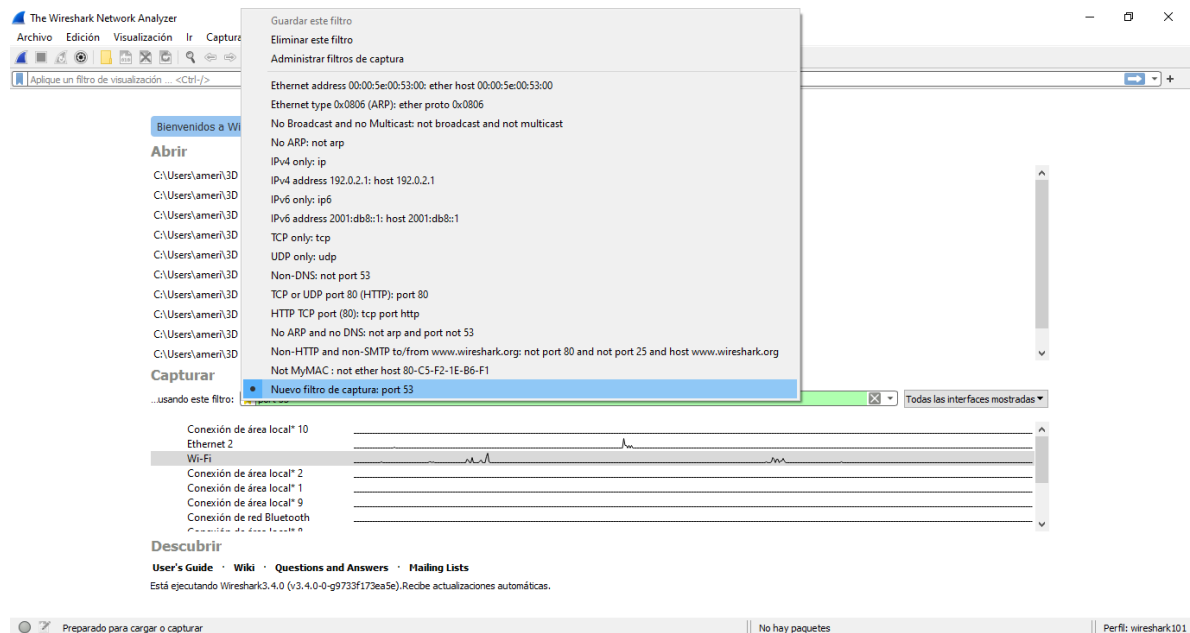
Alumno: Uc Uc César Enrique

Lab13 - Create, Save and Apply a DNS Capture Filter

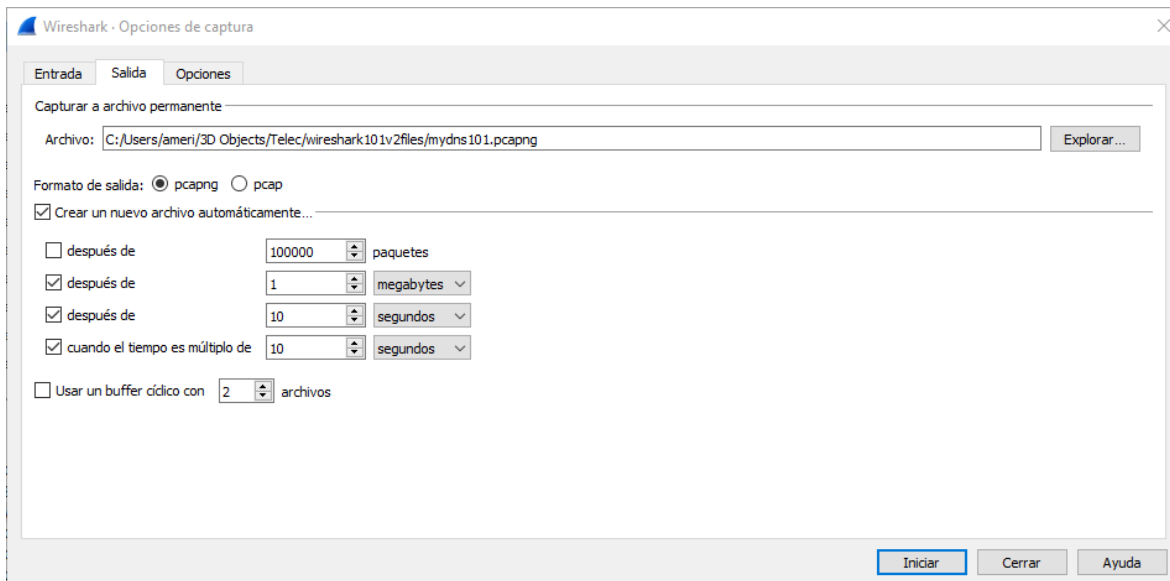
1. Abrir las opciones de captura
2. Seleccionamos WIFI
3. En filtros de captura pones Port 53



4. Guardamos el filtro



5 y 6 En la opción de output agregamos el archivo mydns101.pcapng. Y pones la siguiente configuración



7, 8 y 9 Lo iniciamos, navegamos en diferentes páginas, lo detenemos y podemos observar que se generó un tráfico de DNS

No.	Time	Source	Destination	Protocol	Info
1	0.000000	192.168.0.27	10.223.234.2	DNS	Standard query 0x74fb A 173e250d.akstat.io
2	0.031912	192.168.0.27	10.223.234.2	DNS	Standard query 0xee5 A www.banorte.com
3	0.015325	192.168.0.27	10.223.234.2	DNS	Standard query 0x74fb A 173e250d.akstat.io
4	0.015344	10.223.234.2	192.168.0.27	DNS	Standard query response 0x74fb A 173e250d.akstat.io CNAME wildcard46.akstat.io.edgekey.net CNAME e4518.dscx.akamaiedge.net
5	0.002438	192.168.0.27	10.223.234.2	DNS	Standard query 0xee5 A www.banorte.com
6	0.017751	10.223.234.2	192.168.0.27	DNS	Standard query response 0xee5 A www.banorte.com CNAME www.banorte.com.edgekey.net CNAME e27689.b.akamaiedge.net A 168.197.123.200
7	0.015079	192.168.0.27	10.223.234.2	DNS	Standard query 0xa749 A e4518.dscx.akamaiedge.net
8	0.014316	192.168.0.27	10.223.234.2	DNS	Standard query 0xdb69 A e27689.b.akamaiedge.net
9	0.000692	10.223.234.2	192.168.0.27	DNS	Standard query response 0xa749 A e4518.dscx.akamaiedge.net A 23.45.201.89
10	0.010894	10.223.234.2	192.168.0.27	DNS	Standard query response 0xdb69 A e27689.b.akamaiedge.net A 201.148.67.16 A 168.197.123.200
11	0.026903	192.168.0.27	10.223.234.2	DNS	Standard query 0xef9b AAAA e4518.dscx.akamaiedge.net
12	0.014289	10.223.234.2	192.168.0.27	DNS	Standard query response 0x74fb A 173e250d.akstat.io CNAME wildcard46.akstat.io.edgekey.net CNAME e4518.dscx.akamaiedge.net
13	0.001030	10.223.234.2	192.168.0.27	DNS	Standard query response 0xef9b AAAA e4518.dscx.akamaiedge.net AAAA 2600:1404:800:1a5::11a6 AAAA 2600:1404:800:181::11a6
14	0.006729	192.168.0.27	10.223.234.2	DNS	Standard query 0x5727 AAAA e27689.b.akamaiedge.net

< >

> Frame 1: 78 bytes on wire (624 bits), 78 bytes captured (624 bits) on interface \Device\NPF_{9698920E-D8DF-4156-8033-750927913BC3}, id 0
 > Ethernet II, Src: AzureWav_1e:b6:f1 (80:c5:f2:1e:b6:f1), Dst: CiscoSPV_bb:d2:7d (bc:d1:65:bb:d2:7d)
 > Internet Protocol Version 4, Src: 192.168.0.27, Dst: 10.223.234.2
 > User Datagram Protocol, Src Port: 57340, Dst Port: 53
 > Domain Name System (query)