



TECNOLOGICO NACIONAL DE MEXICO

INSTITUTO TECNOLÓGICO DE CANCÚN

FUNDAMENTOS DE TELECOMUNICACIONES

Ingeniería en Sistemas Computacionales

ALUMNO: OSWALDO ENRIQUE TUYUB JIMENEZ

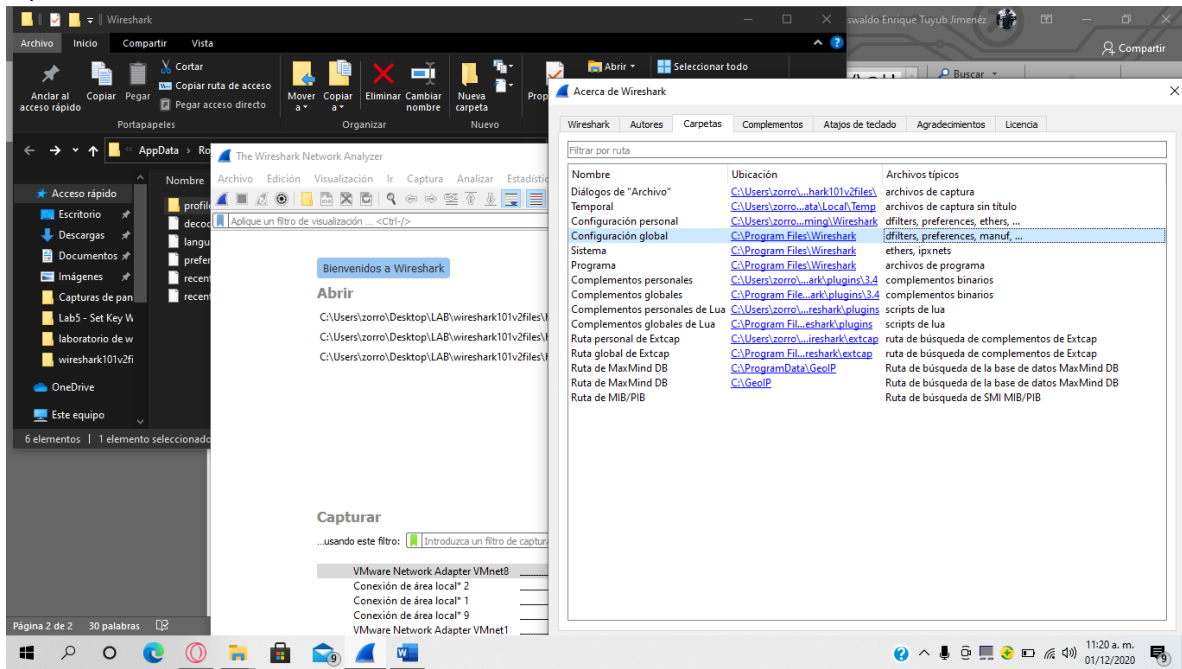
DOCENTE: ING. ISMAEL JIMENEZ SANCHEZ

ACTIVIDAD

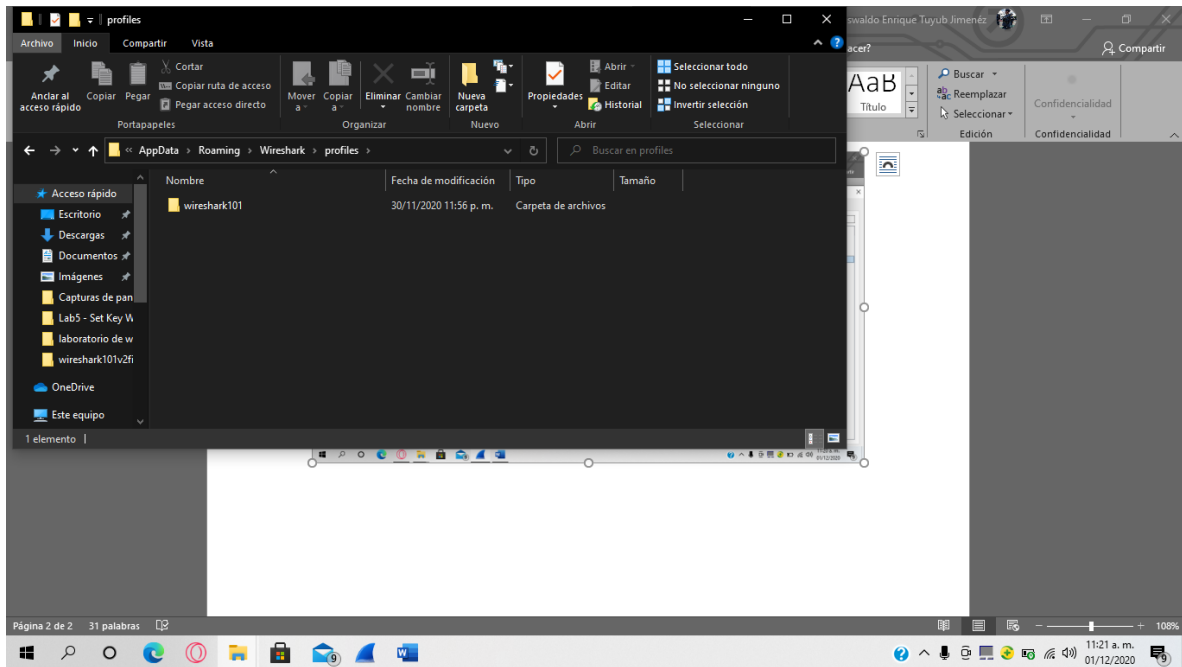
“LABORATORIO 7”

UNIDAD 3

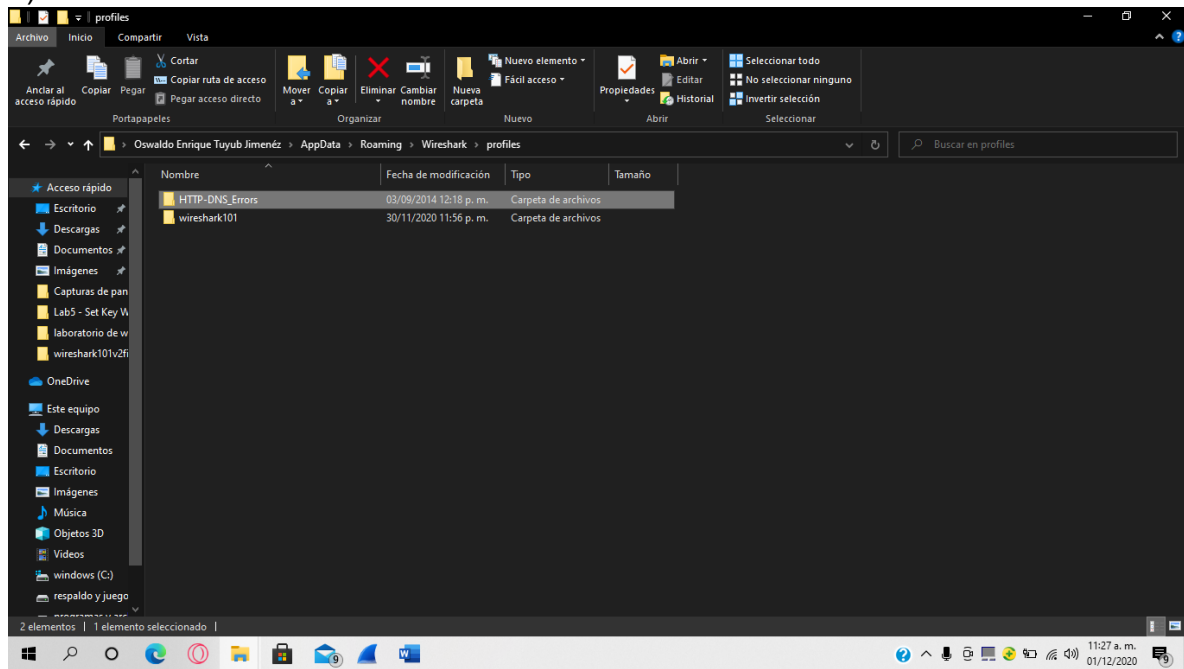
1)



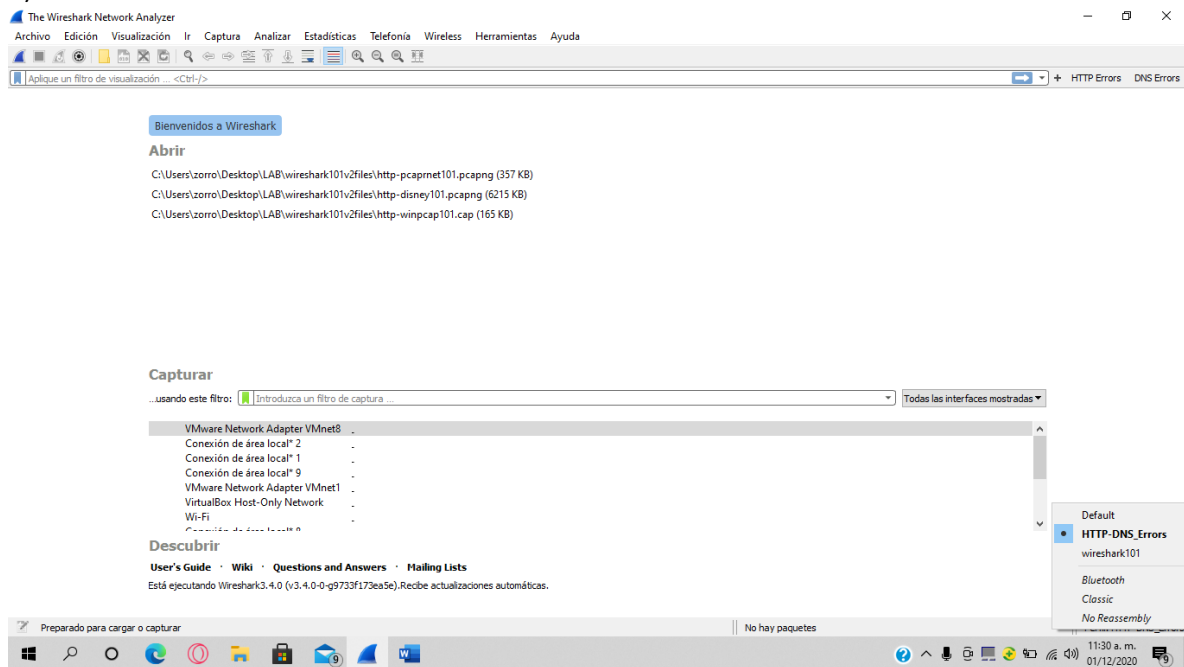
2)



3)



4)



5)

dns-nmap101.pcapng

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

Aplique un filtro de visualización: <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	192.168.0.113	192.168.0.1	DNS	72	Standard query 0xa570 A www.nmap.org
2	0.999676	192.168.0.113	192.168.0.1	DNS	72	Standard query 0xa570 A www.nmap.org
3	1.999677	192.168.0.113	192.168.0.1	DNS	72	Standard query 0xa570 A www.nmap.org
4	3.999680	192.168.0.113	192.168.0.1	DNS	72	Standard query 0xa570 A www.nmap.org
5	5.095538	192.168.0.1	192.168.0.113	DNS	72	Standard query response 0xa570 Server failure A www.nmap.org
6	5.095541	68.87.76.183	192.168.0.113	DNS	72	Standard query response 0xa570 Server failure A www.nmap.org
7	6.047552	192.168.0.1	192.168.0.113	DNS	72	Standard query response 0xa570 Server failure A www.nmap.org
8	6.047555	68.87.76.136	192.168.0.113	DNS	72	Standard query response 0xa570 Server failure A www.nmap.org
9	21.825414	192.168.0.113	192.168.0.1	DNS	76	Standard query 0x8b73 A d.getdropbox.com
10	21.837542	192.168.0.1	192.168.0.113	DNS	92	Standard query response 0x8b73 A d.getdropbox.com A 174.36.30.68
11	43.167363	192.168.0.113	192.168.0.1	DNS	75	Standard query 0x66fd A mail.google.com
12	43.216534	192.168.0.1	192.168.0.113	DNS	166	Standard query response 0x66fd A mail.google.com CNAME googlemail.l.google.com A 74.125.19.83 A 74...
13	44.013902	192.168.0.113	192.168.0.1	DNS	76	Standard query 0x654a A www.insecure.org
14	45.012721	192.168.0.113	192.168.0.1	DNS	76	Standard query 0x654a A www.insecure.org
15	46.012721	192.168.0.113	192.168.0.1	DNS	76	Standard query 0x654a A www.insecure.org
16	48.012687	192.168.0.113	192.168.0.1	DNS	76	Standard query 0x654a A www.insecure.org
17	49.026536	192.168.0.1	192.168.0.113	DNS	76	Standard query response 0x654a Server failure A www.insecure.org
18	49.026540	68.87.76.184	192.168.0.113	DNS	76	Standard query response 0x654a Server failure A www.insecure.org
19	49.054700	192.168.0.113	192.168.0.1	DNS	84	Standard query 0x9cd0 A ratings-wrs.symantec.com
20	49.068536	192.168.0.1	192.168.0.113	DNS	100	Standard query response 0x9cd0 A ratings-wrs.symantec.com A 143.127.102.125
21	50.061536	192.168.0.1	192.168.0.113	DNS	76	Standard query response 0x654a Server failure A www.insecure.org

> Frame 5: 72 bytes on wire (576 bits), 72 bytes captured (576 bits) on interface unknown, id 0
 > Ethernet II, Src: D-Link_cc:a3:ea (00:13:46:cc:a3:ea), Dst: Elitegro_40:74:d2 (00:21:97:40:74:d2)
 > Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.113
 > User Datagram Protocol, Src Port: 53, Dst Port: 52502
 > Domain Name System (response)

```

0000 00 21 97 40 74 d2 00 13 46 cc a3 ea 00 00 45 00  :!@...F....E
0010 00 3a 00 00 40 00 3a 11 be f0 c0 a8 00 01 c0 a8  :.:@:.....
0020 00 71 00 35 cd 16 00 26 56 69 a5 70 81 82 00 01  :q5...&V!p...
0030 00 00 00 00 00 03 77 77 77 04 6e 6d 61 70 03  :.....www.nmap-
0040 6f 72 67 00 00 01 00 01  :org....
  
```

dns-nmap101.pcapng Paquetes: 24 · Mostrado: 24 (100.0%) Perf: HTTP-DNS_Errors 11:35 a. m. 01/12/2020

6)

dns-nmap101.pcapng

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

Aplique un filtro de visualización: <Ctrl-/>

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4	3.999680	192.168.0.113	192.168.0.1	DNS	72	Standard query 0xa570 A www.nmap.org
5	5.095538	192.168.0.1	192.168.0.113	DNS	72	Standard query response 0xa570 Server failure A www.nmap.org
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> Frame 5: 72 bytes on wire (576 bits), 72 bytes captured (576 bits) on interface unknown, id 0
 > Ethernet II, Src: D-Link_cc:a3:ea (00:13:46:cc:a3:ea), Dst: Elitegro_40:74:d2 (00:21:97:40:74:d2)
 > Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.113
 > User Datagram Protocol, Src Port: 53, Dst Port: 52502
 > Domain Name System (response)

```

0000 00 21 97 40 74 d2 00 13 46 cc a3 ea 00 00 45 00  :!@...F....E
0010 00 3a 00 00 40 00 3a 11 be f0 c0 a8 00 01 c0 a8  :.:@:.....
0020 00 71 00 35 cd 16 00 26 56 69 a5 70 81 82 00 01  :q5...&V!p...
0030 00 00 00 00 00 03 77 77 77 04 6e 6d 61 70 03  :.....www.nmap-
0040 6f 72 67 00 00 01 00 01  :org....
  
```

dns-nmap101.pcapng Paquetes: 24 · Mostrado: 24 (100.0%) Perf: wireshark101 11:37 a. m. 01/12/2020