



**Tecnológico Nacional de México**

# Instituto Tecnológico de Cancún

Sergio Eleazar Barahona Chulim

**Carrera:**

Ingeniería en Sistemas Computacionales

**Materia:**

Fundamentos de Telecomunicaciones

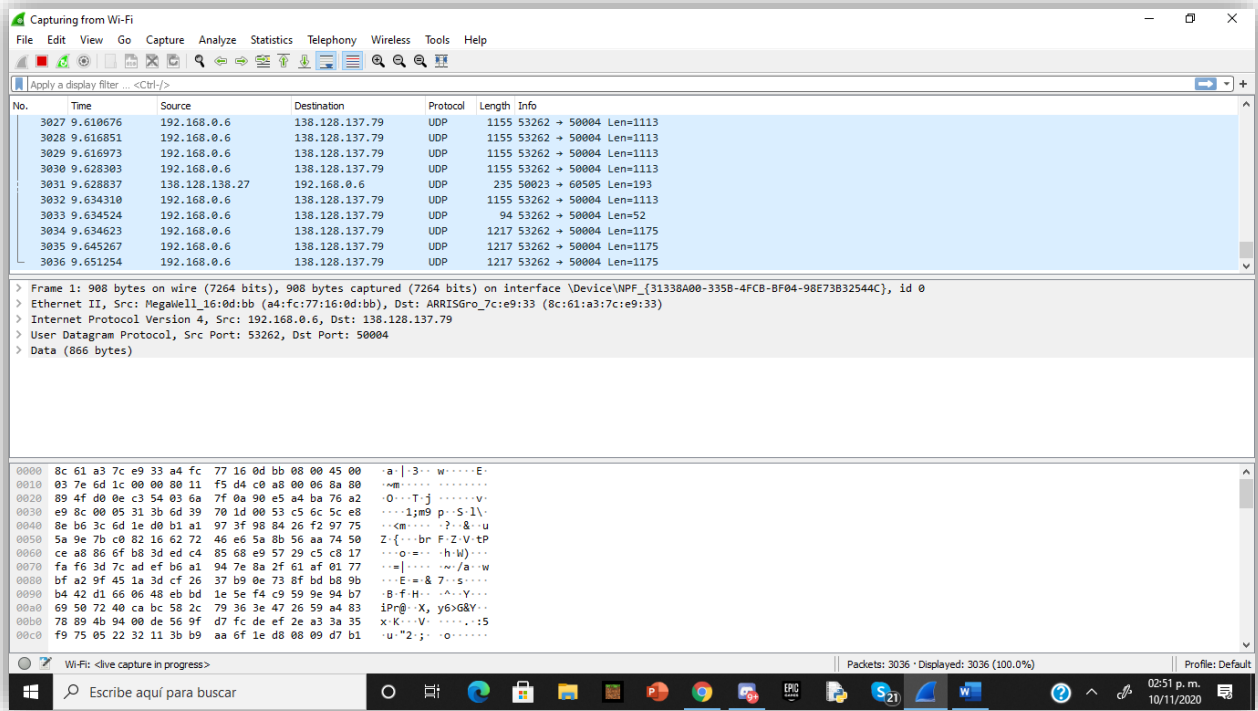
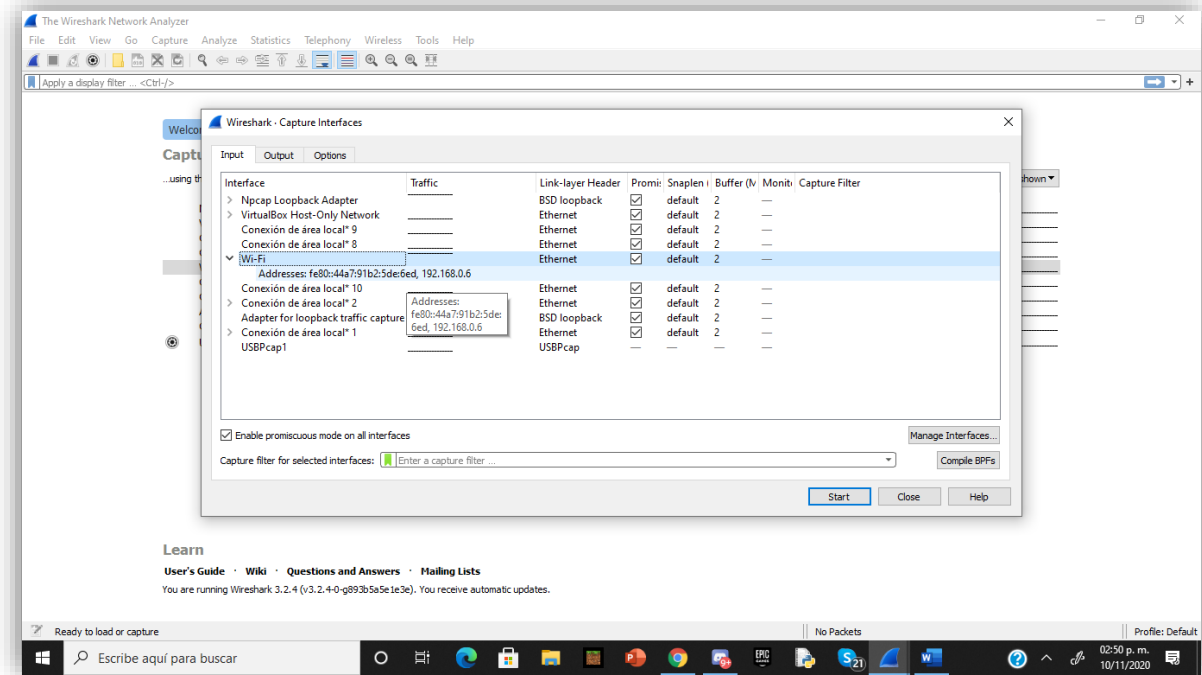
**Profesor:**

ING ISMAEL JIMÉNEZ

**Horario:**

5 a 6 PM

**LABORATORIO**



Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Wireshark - Conversations - Wi-Fi

Ethernet	9	IPv4	41	IPv6	TCP	16	UDP	29					
Address A	Port A	Address B	Port B	Packets	Bytes	Packets A → B	Bytes A → B	Packets B → A	Bytes B → A	Rel Start	Duration	Bits/s A → B	Bits/s B → A
192.168.0.6	54709	162.159.137.232	443	76	20 k	38	16 k	38	3723	0.482716	34.3371	3832	867
192.168.0.6	53714	44.225.6.4	443	8	567	4	268	4	299	3.479964	90.4468	23	26
192.168.0.6	54687	162.159.128.235	443	108	10 k	54	6783	54	3597	3.759648	91.8427	590	313
192.168.0.6	54459	31.13.89.53	443	26	6527	12	803	14	5724	4.480243	91.8211	69	498
192.168.0.6	54472	162.159.130.234	443	59	6774	28	1674	31	5100	5.069790	91.5801	146	445
192.168.0.6	54692	162.159.138.234	443	25	2200	14	1183	11	1017	5.481949	83.1221	113	97
192.168.0.6	54696	13.83.65.43	443	12	4551	7	3019	5	1532	6.003404	78.9709	305	155
192.168.0.6	54599	52.109.12.55	443	6	447	3	267	3	180	7.327067	60.1768	35	23
192.168.0.6	53665	40.83.21.197	443	6	534	4	332	2	202	19.750276	55.2364	48	29
192.168.0.6	54717	13.83.65.43	443	21	10 k	12	4023	9	6574	21.858173	8.1081	3969	6486
192.168.0.6	53690	108.177.12.188	5228	4	242	2	110	2	132	25.002956	45.0947	19	23
192.168.0.6	54716	104.71.255.238	80	3	168	2	108	1	60	56.993915	0.0999	8645	4803
192.168.0.6	54715	35.186.224.25	443	3	168	2	108	1	60	56.994334	0.0677	12 k	7094
192.168.0.6	54718	13.68.20.25	443	24	10 k	11	2653	13	7435	76.363202	8.5990	2468	6917
192.168.0.6	54719	93.184.215.201	443	30	13 k	14	2417	16	10 k	76.780953	8.1309	2378	10 k
192.168.0.6	54720	13.83.65.43	443	15	9894	8	3755	7	6139	85.099215	0.4947	60 k	99 k

☐ Name resolution ☐ Limit to display filter ☐ Absolute start time

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Wi-Fi: <live capture in progress> | Packets: 28969 · Displayed: 28969 (100.0%) | Profile: Default

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Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Wireshark - Conversations - Wi-Fi

Ethernet	8	IPv4	33	IPv6	TCP	13	UDP	21			
Address A	Address B	Packets	Bytes	Packets A → B	Bytes A → B	Packets B → A	Bytes B → A	Rel Start	Duration	Bits/s A → B	Bits/s B → A
5.196.88.86	192.168.0.6	2	460	1	317	1	143	50.817495	0.1892	13 k	6047
13.83.65.43	192.168.0.6	28	13 k	12	7115	16	6880	6.003404	37.9162	1501	1451
23.105.40.209	192.168.0.6	2	460	1	317	1	143	62.894523	0.1022	24 k	11 k
31.13.89.53	192.168.0.6	16	1164	8	608	8	556	4.480243	62.1788	78	71
35.186.224.25	192.168.0.6	3	168	1	60	2	108	56.994334	0.0677	7094	12 k
40.83.21.197	192.168.0.6	3	267	1	101	2	166	19.750276	0.1376	5870	9649
44.225.6.4	192.168.0.6	6	446	3	233	3	213	3.479964	45.2973	41	37
52.109.12.55	192.168.0.6	6	447	3	180	3	267	7.327067	60.1768	23	35
62.210.104.169	192.168.0.6	2	451	1	308	1	143	2.341641	0.1801	13 k	6351
73.227.63.203	192.168.0.6	2	451	1	308	1	143	44.756741	0.1276	19 k	8968
75.159.97.141	192.168.0.6	2	451	1	308	1	143	32.696241	0.1651	14 k	6930
82.39.208.92	192.168.0.6	2	451	1	308	1	143	26.536617	0.1672	14 k	6842
87.228.8.29	192.168.0.6	2	481	1	338	1	143	8.354900	0.2084	12 k	5490
104.71.255.238	192.168.0.6	3	168	1	60	2	108	56.993915	0.0999	4803	8645
108.177.12.188	192.168.0.6	4	242	2	132	2	110	25.002956	45.0947	19	23
138.128.137.79	192.168.0.6	15,720	12 M	913	96 k	14,807	12 M	0.000000	71.6825	10 k	1425 k
138.128.138.27	192.168.0.6	5,347	1160 k	4,569	1015 k	778	145 k	0.072525	71.6155	113 k	16 k
138.128.242.182	192.168.0.6	2	472	1	329	1	143	68.927989	0.0869	30 k	13 k
162.159.128.235	192.168.0.6	94	9100	47	3075	47	6025	3.759648	67.7496	363	711
162.159.130.234	192.168.0.6	39	4647	20	3513	19	1134	5.069790	64.3275	436	141
162.159.137.232	192.168.0.6	76	20 k	38	3723	38	16 k	0.482716	34.3371	867	3832
162.159.138.234	192.168.0.6	17	1520	7	675	10	845	5.481949	55.1227	97	122
185.45.195.162	192.168.0.6	2	460	1	317	1	143	14.420840	0.1855	13 k	6168

☐ Name resolution ☐ Limit to display filter ☐ Absolute start time

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Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Wireshark - Conversations - Wi-Fi

Ethernet	9	IPv4	47	IPv6	TCP	18	UDP	35					
Address A	Port A	Address B	Port B	Packets	Bytes	Packets A → B	Bytes A → B	Packets B → A	Bytes B → A	Rel Start	Duration	Bits/s A → B	Bits/s B → A
185.107.71.129	28097	192.168.0.6	8621	2	460	1	317	1	143	111.389651	0.2038	12 k	5613
185.107.71.132	28132	192.168.0.6	8621	2	460	1	317	1	143	38.724564	0.2030	12 k	5635
192.95.25.97	51413	192.168.0.6	8621	2	451	1	308	1	143	56.842307	0.1257	19 k	9098
192.168.0.3	5353	224.0.0.251	5353	5	515	5	515	0	0	1.888324	80.0182	51	0
192.168.0.3	48858	239.255.255.250	1900	2	334	2	334	0	0	20.088857	60.0695	44	0
192.168.0.6	53262	138.128.137.79	50004	12,855	10 M	12,119	10 M	736	77 k	0.000000	57.8715	1411 k	10 k
192.168.0.6	60505	138.128.138.27	50023	2,628	569 k	311	61 k	2,317	508 k	0.072525	42.1703	11 k	96 k
192.168.0.6	8621	62.210.104.169	8407	2	451	1	143	1	308	2.341641	0.1801	6351	13 k
192.168.0.6	5353	224.0.0.251	5353	6	828	6	828	0	0	2.693086	100.0046	66	0
192.168.0.6	8621	87.228.8.29	6881	2	481	1	143	1	338	8.354900	0.2084	5490	12 k
192.168.0.6	53264	138.128.138.27	50023	4,456	966 k	709	133 k	3,747	832 k	42.020153	61.0687	17 k	109 k
192.168.0.6	8621	5.196.88.86	6881	2	460	1	143	1	317	50.817495	0.1892	6047	13 k
192.168.0.6	53266	138.128.137.79	50004	12,624	11 M	11,857	11 M	767	80 k	57.694934	60.0476	1566 k	10 k
192.168.0.6	8621	23.105.40.209	6984	2	460	1	143	1	317	62.894523	0.1022	11 k	24 k
192.168.0.6	52378	10.223.234.2	53	2	260	1	80	1	180	76.347916	0.0145	44 k	99 k
192.168.0.6	56999	10.223.234.2	53	2	360	1	93	1	267	76.766592	0.0126	58 k	169 k
192.168.0.6	60766	10.223.234.2	53	2	298	1	102	1	196	85.086014	0.0124	65 k	126 k
192.168.0.6	60769	239.255.255.250	1900	4	864	4	864	0	0	96.175623	3.0035	2301	0
192.168.0.6	8621	145.130.205.42	6881	2	451	1	143	1	308	99.327056	0.2102	5441	11 k
192.168.0.6	60770	138.128.138.27	50023	514	96 k	181	36 k	333	59 k	102.175057	15.5734	18 k	30 k
192.168.0.6	8621	89.177.226.200	1515	2	470	1	143	1	327	117.432461	0.2457	4656	10 k
192.168.0.6	60771	138.128.137.79	50004	1	116	1	116	0	0	117.696414	0.0000	—	—
192.168.100.3	60464	239.255.255.250	1900	12	4452	12	4452	0	0	16.055397	90.0519	395	0

☐ Name resolution ☐ Limit to display filter ☐ Absolute start time

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