



TECNOLÓGICO
NACIONAL DE MÉXICO



INSTITUTO TECNOLÓGICO DE CANCÚN

**INGENIERÍA EN
SISTEMAS COMPUTACIONALES**

**MATERIA:
FUNDAMENTOS DE TELECOMUNICACIONES**

**TAREA:
CAPTURAS DE PANTALLA DE WIRESHARK**

**NUMERO DE CONTROL Y NOMBRE DEL ALUMNO:
18530369 CRUZ GÓNGORA FERNANDO JOSÉ**

**HORARIO:
LUNES A JUEVES
17:00 PM – 18:00 PM**

**MAESTRO:
ING. ISMAEL JIMÉNEZ SÁNCHEZ**

TRAFICO DE DATOS

Capturing from Ethernet

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

Aplique un filtro de visualización: <Ctrl+>

No.	Time	Source	Destination	Protocol	Length	Info
1106	30.548561	192.168.0.2	177.236.198.209	TCP	54	1971 → 443 [ACK] Seq=775 Ack=39266 Win=64240 Len=0
1107	30.741735	Tp-LinkT_54:8b:fc	Spanning-tree-(for-bridges)_00	STP	60	Conf. Root = 32768/0/00:0e:76:54:8b:fc Cost = 0 Port = 0x0004
1108	30.760607	192.168.0.2	40.74.219.49	TCP	55	1925 → 443 [ACK] Seq=1 Ack=1 Win=63614 Len=1 [TCP segment of a reassembled PDU]
1109	30.844205	40.74.219.49	192.168.0.2	TCP	60	443 → 1925 [ACK] Seq=1 Ack=2 Win=63120 Len=0
1110	30.854186	192.168.0.2	40.74.219.49	TCP	55	1922 → 443 [ACK] Seq=1 Ack=1 Win=63415 Len=1 [TCP segment of a reassembled PDU]
1111	30.868397	192.168.0.2	40.74.219.49	TCP	55	1923 → 443 [ACK] Seq=1 Ack=1 Win=64240 Len=1 [TCP segment of a reassembled PDU]
1112	30.873403	192.168.0.2	40.74.219.49	TCP	55	1927 → 443 [ACK] Seq=1 Ack=1 Win=63464 Len=1 [TCP segment of a reassembled PDU]
1113	30.939101	40.74.219.49	192.168.0.2	TCP	60	443 → 1922 [ACK] Seq=1 Ack=2 Win=63191 Len=0
1114	30.949000	40.74.219.49	192.168.0.2	TCP	60	443 → 1923 [ACK] Seq=1 Ack=2 Win=62974 Len=0
1115	30.954163	40.74.219.49	192.168.0.2	TCP	60	443 → 1927 [ACK] Seq=1 Ack=2 Win=64240 Len=0
1116	31.047592	192.168.0.2	40.108.240.39	TCP	54	1890 → 443 [FIN, ACK] Seq=1 Ack=1 Win=64240 Len=0
1117	31.126674	40.108.240.39	192.168.0.2	TCP	60	443 → 1890 [FIN, ACK] Seq=1 Ack=2 Win=64240 Len=0
1118	31.126838	192.168.0.2	40.108.240.39	TCP	54	1890 → 443 [ACK] Seq=2 Ack=2 Win=64240 Len=0
1119	31.624287	192.168.0.4	224.0.0.251	MDNS	287	Standard query response 0x0000 PTR, cache flush Android.local PTR, cache flush Android.local A, cache f

< >

> Frame 1: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface \Device\NPF_{52D131D5-F532-45F1-AADF-1A68ABEBAA}, id 0

> Ethernet II, Src: 3e:62:4b:96:69:8f (3e:62:4b:96:69:8f), Dst: IPv6mcast_02 (33:33:00:00:00:02)

> Internet Protocol Version 6, Src: fe80::3c62:4bff:fe96:698f, Dst: ff02::2

> Internet Control Message Protocol v6

0000 33 33 00 00 00 02 3e 62 4b 96 69 8f 8e dd 60 00 33----->b K i-...
0010 00 00 00 10 3a ff fe 80 00 00 00 00 00 3c 62-cb
0020 4b ff fe 96 69 8f 02 00 00 00 00 00 00 00 00 K-i-...-...
0030 00 00 00 00 02 85 00 98 1e 00 00 00 00 01 01-...
0040 3e 62 4b 96 69 8f >bK i-

Ethernet: <live capture in progress> Paquetes: 1119 · Mostrador: 1119 (100.0%) Perfil: Default

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ETHERNET 33

Wireshark - Conversations - Ethernet

Ethernet · 33 IPv4 · 73 IPv6 · 13 TCP · 89 UDP · 93

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
00:00:ca:11:22:33	01:00:5e:00:00:01	3	180	3	180	0	0	2.856697	155.0112	9	0
00:00:ca:11:22:33	c8:5b:76:0db1:0b	3,879	2963k	2,426	2524k	1,453	438k	7.504069	171.2836	117k	20k
00:00:ca:11:22:33	ff:ff:ff:ff:ff:ff	12	720	12	720	0	0	22.006456	153.3312	37	0
00:00:ca:11:22:33	bc:ff:be:e2:32:22	1	590	1	590	0	0	75.937312	0.0000	—	—
01:00:5e:00:00:16	3e:62:4b:96:69:8f	3	180	0	0	3	180	5.984910	156.9458	0	9
01:00:5e:00:00:16	c8:5b:76:0db1:0b	8	440	0	0	8	440	6.070699	155.4999	0	22
01:00:5e:00:00:16	80:32:53:34:ac:b0	3	180	0	0	3	180	7.883330	1.4994	0	960
01:00:5e:00:00:16	e4:fd:a1:b6:22:5f	11	660	0	0	11	660	145.643932	19.2151	0	274
01:00:5e:00:00:fb	80:32:53:34:ac:b0	6	437	0	0	6	437	2.719551	130.2315	0	26
01:00:5e:00:00:fb	3e:62:4b:96:69:8f	18	3998	0	0	18	3998	8.140593	157.6191	0	202
01:00:5e:00:00:fb	c8:5b:76:0db1:0b	4	280	0	0	4	280	23.785504	1.0018	0	2236
01:00:5e:00:00:fb	e4:fd:a1:b6:22:5f	22	4554	0	0	22	4554	146.122519	26.0474	0	1398
01:00:5e:00:00:fc	80:32:53:34:ac:b0	6	384	0	0	6	384	2.719570	130.6410	0	23
01:00:5e:00:00:fc	c8:5b:76:0db1:0b	2	128	0	0	2	128	23.786710	0.1040	0	2495
01:00:5e:7e:ffff:a	98:6b:3d:78:34:f1	72	36k	0	0	72	36k	16.727325	160.1121	0	1812
01:00:5e:7e:ffff:a	80:32:53:34:ac:b0	9	1875	0	0	9	1875	57.445742	39.4833	0	379
01:80:c2:00:00:00	b0:be:76:54:8b:fc	90	5400	0	0	90	5400	0.742817	178.0017	0	242
33:33:00:00:00:02	3e:62:4b:96:69:8f	2	140	0	0	2	140	0.000000	33.2188	0	33
33:33:00:00:00:02	04:ae:d5:fd:d5:fb	1	70	0	0	1	70	17.006837	0.0000	—	—
33:33:00:00:00:02	e4:fd:a1:b6:22:5f	3	210	0	0	3	210	146.371015	13.4233	0	125
33:33:00:00:00:16	3e:62:4b:96:69:8f	5	450	0	0	5	450	16.697279	6.8471	0	525
33:33:00:00:00:16	e4:fd:a1:b6:22:5f	13	1230	0	0	13	1230	145.357319	19.2139	0	512
33:33:00:00:00:fb	80:32:53:34:ac:b0	5	450	0	0	5	450	2.719570	130.2315	0	27
33:33:00:00:00:fb	3e:62:4b:96:69:8f	17	4235	0	0	17	4235	8.140904	157.6188	0	214
33:33:00:00:00:fb	c8:5b:76:0db1:0b	4	360	0	0	4	360	23.785848	1.0016	0	2875
33:33:00:00:00:fb	e4:fd:a1:b6:22:5f	23	5139	0	0	23	5139	146.123629	26.0472	0	1578
33:33:00:01:00:03	80:32:53:34:ac:b0	6	504	0	0	6	504	2.719551	130.6409	0	30
33:33:00:01:00:03	c8:5b:76:0db1:0b	2	168	0	0	2	168	23.786581	0.1013	0	3275
33:33:ff:b6:22:5f	e4:fd:a1:b6:22:5f	1	86	0	0	1	86	145.350808	0.0000	—	—
80:32:53:34:ac:b0	ff:ff:ff:ff:ff:ff	13	1166	13	1166	0	0	1.926536	131.7512	70	0
b0:be:76:54:8b:fc	ff:ff:ff:ff:ff:ff	1	60	1	60	0	0	177.984223	0.0000	—	—
c8:5b:76:0db1:0b	ff:ff:ff:ff:ff:ff	6	552	6	552	0	0	23.785171	46.9011	—	94
e4:fd:a1:b6:22:5f	ff:ff:ff:ff:ff:ff	7	1028	7	1028	0	0	145.437275	1.0204	8059	0

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03:18 p. m. 10/11/2020

IPv6

Wireshark - Conversations - Ethernet

Ethernet · 33IPv4 · 76IPv6 · 13TCP · 96UDP · 133

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
::	ff02::1:ff86:225f	1	86	1	86	0	0	0 145.350808	0.0000	—	—
::	ff02::16	3	290	3	290	0	0	0 145.357319	0.7473	3104	0
fe80::3c62:4bff:fe96:699f	ff02::2	2	140	2	140	0	0	0 0.000000	33.2188	33	0
fe80::3c62:4bff:fe96:699f	ff02::fb	18	4542	18	4542	0	0	0 8.140904	314.6285	115	0
fe80::3c62:4bff:fe96:699f	ff02::16	5	450	5	450	0	0	0 16.687279	6.8471	525	0
fe80::58b5:815:9b14:993a	ff02::1:3	6	504	6	504	0	0	0 2.719551	130.6409	30	0
fe80::58b5:815:9b14:993a	ff02::fb	5	450	5	450	0	0	0 2.719570	130.2315	27	0
fe80::8522:f9f8:d6:3c69	ff02::fb	8	720	8	720	0	0	0 23.785848	158.5980	36	0
fe80::8522:f9f8:d6:3c69	ff02::1:3	4	336	4	336	0	0	0 23.786581	158.0058	17	0
fe80::d6ae:5ff:fed:d5fb	ff02::2	1	70	1	70	0	0	0 17.006837	0.0000	—	—
fe80::e6fd:a1ff:feb6:225f	ff02::fb	35	8191	35	8191	0	0	0 146.123629	190.7665	343	0
fe80::e6fd:a1ff:feb6:225f	ff02::2	4	280	4	280	0	0	0 146.371015	61.2263	36	0
fe80::e6fd:a1ff:feb6:225f	ff02::16	16	1480	16	1480	0	0	0 146.371015	187.1018	63	0

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Conversation Types ▾

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TCP

Wireshark - Conversations - Ethernet

Ethernet · 35		IPv4 · 77		IPv6 · 14		TCP · 96		UDP · 143					
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
192.168.0.2	1911	52.114.128.10	443	5	290	2	110	3	180	7.504069	80.4221	10	17
192.168.0.2	1950	52.109.20.3	443	36	29k	14	1775	22	27k	13.048057	110.0455	129	1990
192.168.0.2	1951	52.109.20.1	443	61	52k	22	4867	39	47k	13.500150	109.6046	355	3474
192.168.0.2	1952	40.97.120.194	443	22	7779	12	1881	10	5898	13.926562	109.1686	137	432
192.168.0.2	1953	52.109.20.72	443	42	23k	18	13k	24	10k	14.215460	108.8889	993	758
192.168.0.2	1954	52.109.20.72	443	32	17k	16	9469	16	8513	14.215704	108.8793	695	625
192.168.0.2	1955	52.109.20.72	443	33	18k	15	9292	18	8813	14.215939	108.8883	682	647
192.168.0.2	1956	52.109.20.72	443	33	18k	15	9287	18	8911	14.216181	108.8787	682	654
192.168.0.2	1957	52.109.0.29	443	25	16k	12	8599	13	7664	14.257905	0.7613	90k	80k
192.168.0.2	1958	189.240.193.232	443	17	5088	8	746	9	4342	14.465738	0.4383	13k	79k
192.168.0.2	1959	177.238.190.209	443	81	64k	32	2968	49	61k	14.728005	108.2999	219	4566
192.168.0.2	1960	52.96.57.88	443	25	3141	12	2361	13	780	14.826230	21.5332	877	289
192.168.0.2	1961	20.190.131.98	443	32	18k	17	6209	15	12k	14.913310	1.0363	47k	96k
192.168.0.2	1888	52.177.165.30	443	27	3407	17	1300	10	2107	17.837723	360.0818	28	46
192.168.0.2	1962	20.190.131.98	443	34	21k	17	6174	17	15k	18.895407	0.8703	56k	138k
192.168.0.2	1963	40.97.120.66	443	31	14k	15	6555	16	7561	19.862594	103.2323	507	585
192.168.0.2	1964	158.91.140.216	443	31	20k	15	12k	16	7619	23.010569	100.1013	1031	608
192.168.0.2	1924	40.74.219.49	443	41	24k	14	21k	27	3394	23.768869	334.1739	510	81
192.168.0.2	1874	40.83.21.197	443	21	1855	14	1155	7	700	25.259509	330.6876	27	16
192.168.0.2	1965	201.148.67.19	443	26	9366	12	1513	14	7853	28.508520	93.5854	129	671
192.168.0.2	1966	177.238.190.209	443	51	45k	14	1542	37	44k	30.004720	93.0307	132	3786
192.168.0.2	1967	177.238.190.209	443	53	41k	19	1812	34	40k	30.005595	93.0278	155	3450
192.168.0.2	1968	177.238.190.209	443	52	41k	18	1758	34	39k	30.006948	93.0204	151	3431
192.168.0.2	1969	177.238.190.209	443	50	41k	16	2104	34	39k	30.008239	93.0226	180	3421
192.168.0.2	1970	177.238.190.209	443	52	41k	18	1758	34	39k	30.009327	93.0253	151	3427
192.168.0.2	1971	177.238.190.209	443	56	43k	21	1920	35	41k	30.010528	93.0251	165	3543
192.168.0.2	1972	177.238.190.209	443	45	38k	13	1488	32	37k	30.011314	93.0170	127	3190
192.168.0.2	1973	177.238.190.209	443	53	41k	19	1812	34	39k	30.012148	93.0190	155	3375
192.168.0.2	1974	177.238.190.209	443	59	45k	22	1974	37	44k	30.013357	93.0261	169	3784
192.168.0.2	1975	177.238.190.209	443	47	40k	13	1488	34	39k	30.014710	93.0220	127	3380
192.168.0.2	1976	177.238.190.209	443	50	41k	17	1704	33	39k	30.015495	93.0182	146	3415
192.168.0.2	1925	40.74.219.49	443	3	175	1	55	2	120	30.769607	31.1259	14	30
192.168.0.2	1922	40.74.219.49	443	3	175	1	55	2	120	30.854186	38.6603	11	24
192.168.0.2	1923	40.74.219.49	443	3	175	1	55	2	120	30.868397	36.7363	11	26

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Conversation Types ▾

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UDP

Wireshark - Conversations - Ethernet

Ethernet · 35 IPv4 · 77 IPv6 · 14 TCP · 96 UDP · 143

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
0.0.0.0	68	255.255.255.255	67	2	728	2	728	0	0	145.437275	0.0038	—	—
192.168.0.2	64164	10.223.234.2	53	2	291	1	86	1	205	13.015755	0.0133	51k	123k
192.168.0.2	58352	10.223.234.2	53	2	245	1	83	1	162	13.488006	0.0110	60k	117k
192.168.0.2	58247	10.223.234.2	53	2	352	1	86	1	266	13.912239	0.0125	55k	170k
192.168.0.2	53439	10.223.234.2	53	2	246	1	84	1	162	14.199738	0.0149	45k	87k
192.168.0.2	49212	10.223.234.2	53	2	255	1	87	1	168	14.244076	0.0125	55k	107k
192.168.0.2	51743	10.223.234.2	53	2	166	1	75	1	91	14.438139	0.0257	23k	28k
192.168.0.2	51743	187.253.45.10	53	2	166	1	75	1	91	14.464112	0.1237	4849	5884
192.168.0.2	58375	10.223.234.2	53	2	309	1	93	1	216	14.706965	0.0197	37k	87k
192.168.0.2	49250	10.223.234.2	53	2	378	1	88	1	290	14.809863	0.0147	47k	157k
192.168.0.2	61883	10.223.234.2	53	2	310	1	81	1	229	19.847192	0.0140	46k	130k
192.168.0.2	63629	10.223.234.2	53	2	289	1	90	1	199	22.998330	0.0113	63k	141k
192.168.0.2	137	192.168.0.255	137	9	828	9	828	0	0	23.785171	159.0964	41	0
192.168.0.2	3353	224.0.0.251	3353	8	560	8	560	0	0	23.785504	158.5981	28	0
192.168.0.2	52799	224.0.0.252	3353	2	128	2	128	0	0	23.786710	0.4104	2495	0
192.168.0.2	62050	10.223.234.2	53	2	335	1	93	1	242	29.494987	0.0123	60k	156k
192.168.0.2	58392	10.223.234.2	53	2	427	1	78	1	349	36.303658	0.0151	41k	184k
192.168.0.2	61615	10.223.234.2	53	2	204	1	94	1	110	36.908285	0.0107	70k	81k
192.168.0.2	58034	10.223.234.2	53	2	407	1	80	1	327	37.164392	0.0201	31k	130k
192.168.0.2	62846	10.223.234.2	53	2	232	1	100	1	132	37.522498	0.1115	7177	9473
192.168.0.2	62846	187.253.45.10	53	2	232	1	100	1	132	37.548566	0.1204	6645	8771
192.168.0.2	49724	10.223.234.2	53	2	219	1	76	1	143	38.045720	0.0112	54k	102k
192.168.0.2	50882	10.223.234.2	53	2	357	1	97	1	260	38.548367	0.0106	73k	196k
192.168.0.2	65532	10.223.234.2	53	2	323	1	83	1	240	42.673191	0.0110	60k	174k
192.168.0.2	52133	10.223.234.2	53	2	244	1	87	1	157	45.311694	0.0123	56k	101k
192.168.0.2	62964	10.223.234.2	53	2	276	1	87	1	189	45.316536	0.0203	34k	74k
192.168.0.2	60650	10.223.234.2	53	2	255	1	87	1	168	46.037239	0.0121	57k	111k
192.168.0.2	50108	10.223.234.2	53	2	291	1	90	1	201	73.073460	0.0120	59k	133k
192.168.0.2	50263	10.223.234.2	53	2	245	1	90	1	155	73.470099	0.0144	50k	86k
192.168.0.2	56689	10.223.234.2	53	2	245	1	91	1	154	79.300308	0.0140	52k	88k
192.168.0.2	51100	10.223.234.2	53	2	296	1	89	1	207	93.081228	0.0115	61k	143k
192.168.0.2	56316	10.223.234.2	53	2	239	1	86	1	153	97.534876	0.0123	55k	99k
192.168.0.2	61413	10.223.234.2	53	2	372	1	86	1	286	98.443421	0.0211	32k	108k
192.168.0.2	58231	10.223.234.2	53	2	296	1	89	1	207	109.510265	0.0145	49k	114k

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