



Lab 2

IBARRA SABIDO JOSE MARIA | **Fundamentos de Telecomunicaciones** | 10-11-2020

Input

Output

Options

Interface	Traffic	Link-layer Header	Promisc	Snaplen	Buffer (K)	Monitor	Capture Filter
VirtualBox Host-Only Network #3 Addresses: fe80::5068:c4fa:d141:c3b1, 192.168.111.2		Ethernet	<input checked="" type="checkbox"/>	default	2	—	
> Local Area Connection* 13		Ethernet	<input checked="" type="checkbox"/>	default	2	—	
> Local Area Connection* 11		Ethernet	<input checked="" type="checkbox"/>	default	2	—	
Local Area Connection* 6		Ethernet	<input checked="" type="checkbox"/>	default	2	—	
Local Area Connection* 5		Ethernet	<input checked="" type="checkbox"/>	default	2	—	
Npcap Loopback Adapter		BSD loopback	<input checked="" type="checkbox"/>	default	2	—	
> VirtualBox Host-Only Network #2		Ethernet	<input checked="" type="checkbox"/>	default	2	—	
> Ethernet1		Ethernet	<input checked="" type="checkbox"/>	default	2	—	
> VirtualBox Host-Only Network		Ethernet	<input checked="" type="checkbox"/>	default	2	—	
Local Area Connection* 4		Ethernet	<input checked="" type="checkbox"/>	default	2	—	
> Wi-Fi		Ethernet	<input checked="" type="checkbox"/>	default	2	<input type="checkbox"/>	
> Local Area Connection* 14		Ethernet	<input checked="" type="checkbox"/>	default	2	<input type="checkbox"/>	
Adapter for loopback traffic capture		BSD loopback	<input checked="" type="checkbox"/>	default	2	—	

☒ Enable promiscuous mode on all interfaces

Manage Interfaces...

Capture filter for selected interfaces:

Compile BPFs

Start

Close

Help

*Npcap Loopback Adapter

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
61	8.580570	192.168.11.157	224.0.0.252	IGMPv2	60	Membership Report group 224.0.0.252
62	8.587413	192.168.11.157	224.0.0.252	IGMPv2	60	Membership Report group 224.0.0.252
63	8.592235	192.168.56.1	224.0.0.251	MDNS	91	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
64	8.592563	192.168.111.2	224.0.0.251	MDNS	91	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
65	8.592818	169.254.195.177	224.0.0.251	MDNS	91	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
66	8.593059	192.168.11.157	224.0.0.251	MDNS	91	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
67	8.593291	fe80::3d78:10b2:8c2... ff02::fb		MDNS	131	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
68	8.593497	fe80::4c58:2989:5c1... ff02::fb		MDNS	131	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
69	8.593683	fe80::5068:c4fa:d14... ff02::fb		MDNS	131	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
70	8.593911	fe80::cd68:110e:378... ff02::fb		MDNS	131	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
71	8.594142	192.168.56.1	224.0.0.251	MDNS	129	Standard query response 0x0000 AAAA fe80::3d78:10b2:8c2f:15ac A 192.168.56.1
72	8.594445	fe80::3d78:10b2:8c2... ff02::fb		MDNS	169	Standard query response 0x0000 AAAA fe80::3d78:10b2:8c2f:15ac A 192.168.56.1
73	8.594584	fe80::cd68:110e:378... ff02::1:3		LLMNR	125	Standard query 0x8b4a ANY DESKTOP-48J60L0
74	8.594665	192.168.11.157	224.0.0.252	LLMNR	85	Standard query 0x8b4a ANY DESKTOP-48J60L0
75	8.594667	fe80::4c58:2989:5c1... ff02::fb		MDNS	169	Standard query response 0x0000 AAAA fe80::4c58:2989:5c11:9345 A 192.168.111.2
76	8.594845	192.168.56.1	224.0.0.251	MDNS	91	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
77	8.595055	192.168.111.2	224.0.0.251	MDNS	91	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
78	8.595253	169.254.195.177	224.0.0.251	MDNS	91	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
79	8.595451	192.168.11.157	224.0.0.251	MDNS	91	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
80	8.595627	fe80::3d78:10b2:8c2... ff02::fb		MDNS	131	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
81	8.595801	fe80::4c58:2989:5c1... ff02::fb		MDNS	131	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question
82	8.595802	fe80::5068:c4fa:d14... ff02::fb		MDNS	131	Standard query 0x0000 ANY DESKTOP-48J60L0.local, "QM" question

> Frame 1: 189 bytes on wire (1512 bits), 169 bytes captured (1352 bits) on interface \Device\NPF_{93B4BFFF-3ACA-4C5A-9325-1B7A17ACFA00}, id 0

> Null/Loopback

> Internet Protocol Version 4, Src: 192.168.11.157, Dst: 239.255.255.250

> User Datagram Protocol, Src Port: 61163, Dst Port: 1900

> Simple Service Discovery Protocol

```

0000  02 00 00 00 45 00 00 a5 7d 85 00 00 04 11 00 00  ....E... }.....
0010  c0 a8 0b 9d ef ff ff fa ee eb 07 6c 00 91 5a 16  .... .l.Z.
0020  4d 2d 53 45 41 52 43 48 20 2a 20 48 54 54 50 2f  M-SEARCH * HTTP/
0030  31 2e 31 0d 0a 48 6f 73 74 3a 20 32 33 39 2e 32  1.1. Host: 239.2
0040  35 35 2e 32 35 35 2e 32 35 30 3a 31 39 30 30 0d  55.255.2 50:1900
0050  0a 53 54 3a 20 75 72 6e 3a 73 63 68 65 6d 61 73  :ST: urn :schemas
0060  2d 75 70 6e 70 2d 6f 72 67 3a 64 65 76 69 63 65  -upnp-org:device
0070  3a 49 6e 74 65 72 6e 65 74 47 61 74 65 77 61 79  :InternetGateway
0080  44 65 76 69 63 65 3a 31 0d 0a 4d 61 6e 3a 20 22  Device:1 -Man: "
0090  73 73 64 70 3a 64 69 73 63 6f 76 65 72 22 0d 0a  ssdp:discover"-
00a0  4d 58 3a 20 33 0d 0a 0d 0a                      MX: 3...

```

wireshark_Npcap Loopback Adapter_20201110104702_a03984.pcapng

Packets: 118 · Displayed: 118 (100.0%)

Profile: Default