

Packet Capture Information

VM	IP Address	MAC Address
Kali Linux (Attacker)	192.168.1.122	08:00:27:08:37:E3
PFSense (Router)	192.168.1.1	08:00:27:98:36:1D
	10.0.2.15	08:00:27:33:78:93
Windows XP (Victim)	192.168.1.109	08:00:27:7B:7F:49

In the capture data we can see an ARP Packet showing the IP Address '192.168.1.1' is at physical address (MAC) '08:00:27:08:37:E3' which belongs to the 'Kali Linux' machine, Therefore this Packet is incorrect as the '192.168.1.1' Address is the IP of the Router

Screenshot

The screenshot shows the Wireshark interface with a packet capture of an ARP request. The packet list pane shows a packet from 192.168.1.1 to 08:00:27:08:37:E3. The packet details pane shows the Ethernet II header and the ARP request structure. The packet bytes pane shows the raw data in hexadecimal and ASCII.

Packet List:

No.	Time	Source	Destination	Protocol	Length	Info
1792	1400.037891	PcsCompu_08:37:e3	PcsCompu_7b:7f:49	ARP	60	192.168.1.1 is at 08:00:27:08:37:e3

Packet Details:

Ethernet II, Src: PcsCompu_08:37:e3 (08:00:27:08:37:e3), Dst: PcsCompu_7b:7f:49 (08:00:27:7b:7f:49)

Destination: PcsCompu_7b:7f:49 (08:00:27:7b:7f:49)

Source: PcsCompu_08:37:e3 (08:00:27:08:37:e3)

Type: ARP (0x0806)

Padding: 00000000000000000000000000000000

Address Resolution Protocol (reply)

[Duplicate IP address detected for 192.168.1.1 (08:00:27:08:37:e3) - also in use by 08:00:27:98:36:1d (frame 1331)]

Packet Bytes:

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0000 08 00 27 7b 7f 49 08 00 27 08 37 e3 08 06 00 01  ..{I..7....
0010 08 00 06 04 00 02 08 00 27 08 37 e3 c0 a8 01 01  ....7.....
0020 08 00 27 7b 7f 49 c0 a8 01 6d 00 00 00 00 00 00  ..{I..m.....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....
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