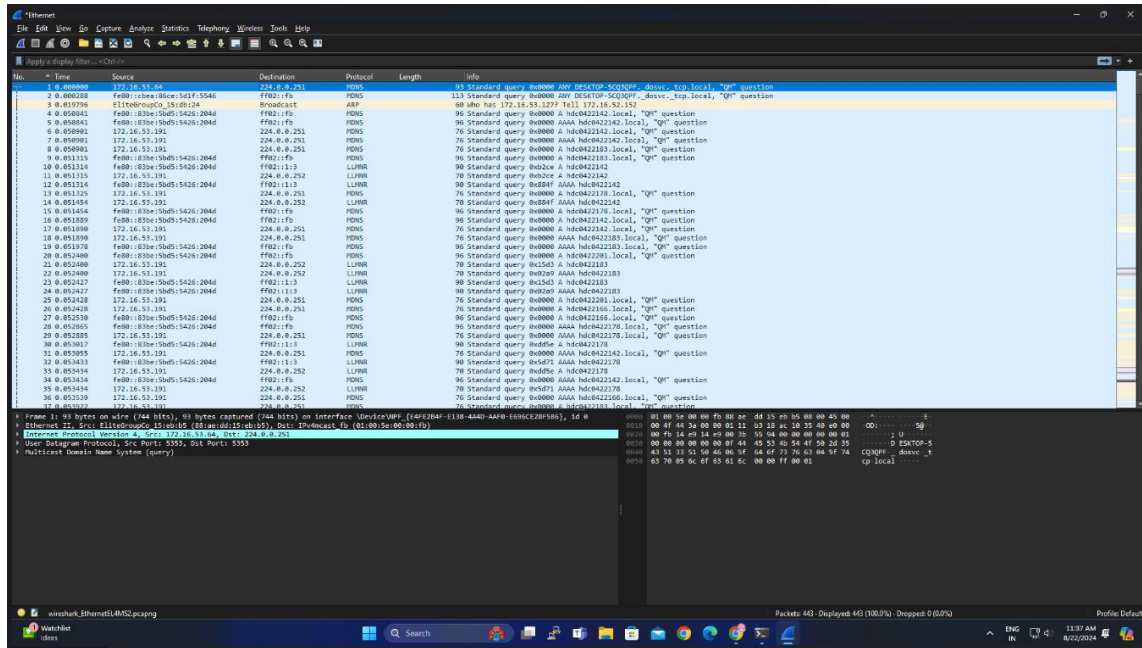


EXPERIMENT – 5

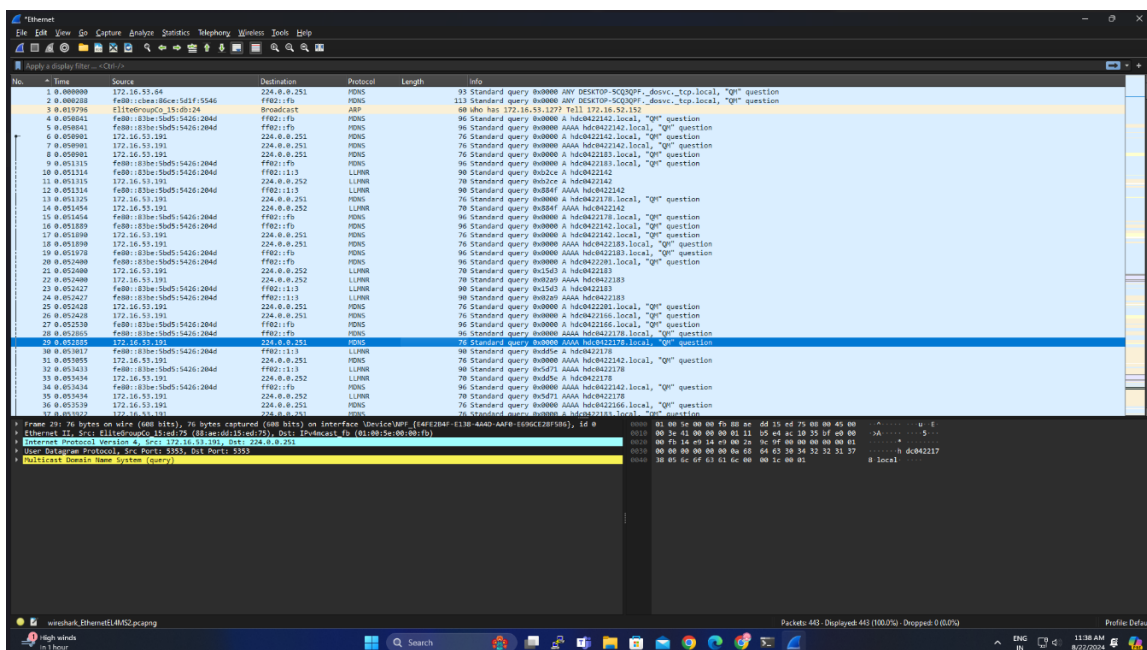
AIM: - Experiments on Packet capture tool: Wireshark

CAPTURING AND ANALYSING PACKETS USING WIRESHARK TOOL:

Packet 1:



Packet 2:



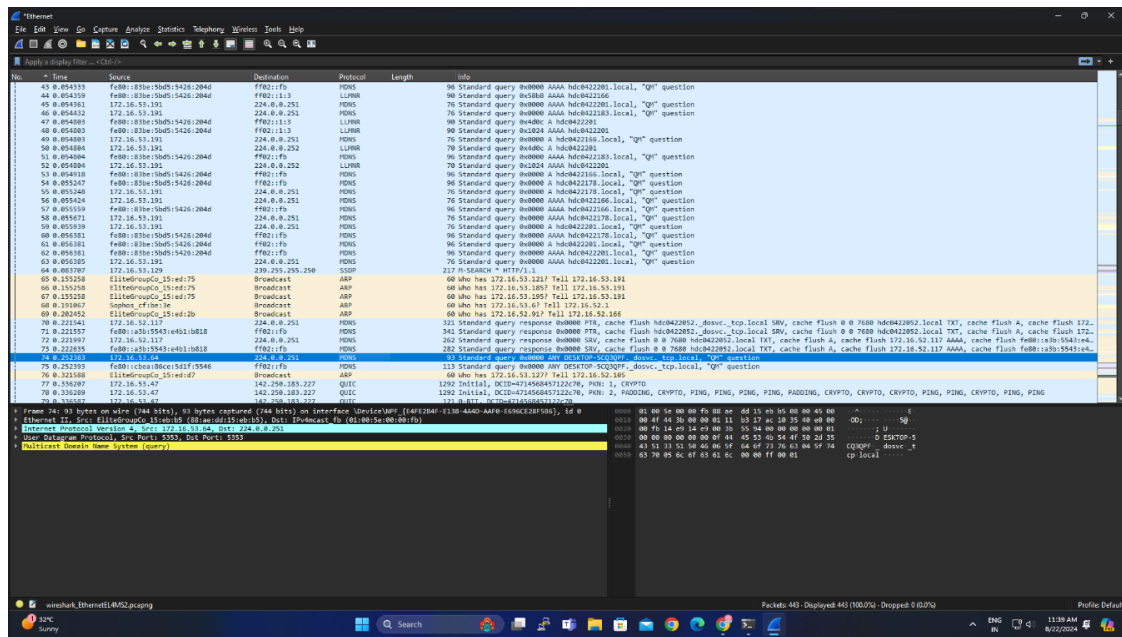
Packet 4:

File Edit View Go Capture Analyze Statistics Topology Hosts Tools Help
Apply a display filter: <Ctrl>F

No.	Time	Source	Destination	Protocol	Length	Info
28	0.052159	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422178.local, "Q" question
29	0.052085	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422178.local, "Q" question
30	0.052167	fe8b::f83e::5b05::5426:204d	ff02::1:1	LWNR	96	Standard query 0x0000 AAAA h8422178.local, "Q" question
31	0.052155	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422242.local, "Q" question
32	0.052155	fe8b::f83e::5b05::5426:204d	ff02::1:f	LWNR	96	Standard query 0x0071 AAAA h8422178.local, "Q" question
33	0.052154	172.16.53.191	224.0.0.252	LWNR	76	Standard query 0x0000 AAAA h8422178.local, "Q" question
34	0.052144	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422142.local, "Q" question
35	0.052134	172.16.53.191	224.0.0.252	LWNR	76	Standard query 0x0071 AAAA h8422178.local, "Q" question
36	0.052139	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422166.local, "Q" question
37	0.052122	fe8b::f83e::5b05::5426:204d	ff02::1:1	PDNS	96	Standard query 0x0000 AAAA h8422166.local, "Q" question
38	0.052133	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422166.local, "Q" question
39	0.052033	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422166.local, "Q" question
40	0.052133	172.16.53.191	224.0.0.252	LWNR	96	Standard query 0x0071 AAAA h8422166.local, "Q" question
41	0.052133	fe8b::f83e::5b05::5426:204d	ff02::1:1	LWNR	96	Standard query 0x0071 AAAA h8422166.local, "Q" question
42	0.054313	172.16.53.191	224.0.0.252	LWNR	76	Standard query 0x0000 AAAA h8422166.local, "Q" question
43	0.054333	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422201.local, "Q" question
44	0.054339	fe8b::f83e::5b05::5426:204d	ff02::1:1	LWNR	96	Standard query 0x0000 AAAA h8422166.local, "Q" question
45	0.054361	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422201.local, "Q" question
46	0.054432	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422183.local, "Q" question
47	0.054380	fe8b::f83e::5b05::5426:204d	ff02::1:1	LWNR	96	Standard query 0x0000 AAAA h8422201.local, "Q" question
48	0.054380	fe8b::f83e::5b05::5426:204d	ff02::1:1	LWNR	96	Standard query 0x0000 AAAA h8422201.local, "Q" question
49	0.054387	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422166.local, "Q" question
50	0.054384	172.16.53.191	224.0.0.252	PDNS	76	Standard query 0x0000 AAAA h8422201.local, "Q" question
51	0.054380	fe8b::f83e::5b05::5426:204d	ff02::1:f	LWNR	96	Standard query 0x0000 AAAA h8422166.local, "Q" question
52	0.054384	172.16.53.191	224.0.0.252	PDNS	76	Standard query 0x0000 AAAA h8422201.local, "Q" question
53	0.054388	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422166.local, "Q" question
54	0.055147	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422178.local, "Q" question
55	0.055248	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422178.local, "Q" question
56	0.055544	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422256.local, "Q" question
57	0.055559	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422166.local, "Q" question
58	0.055612	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422178.local, "Q" question
59	0.055939	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422281.local, "Q" question
60	0.056381	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422178.local, "Q" question
61	0.056382	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422281.local, "Q" question
62	0.056381	fe8b::f83e::5b05::5426:204d	ff02::1:f	PDNS	96	Standard query 0x0000 AAAA h8422281.local, "Q" question
63	0.056585	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422281.local, "Q" question
64	0.057474	172.16.53.191	224.0.0.251	PDNS	76	Standard query 0x0000 AAAA h8422281.local, "Q" question

Packet 4

Packet 5:



RESULT: -

Capturing and analysing the packets have been done successfully using Wireshark.