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Assignment 23 - DNS and MySQL (Lab and Quiz)

1. Lab 17.1.17, Part 1, Step 1k:

The screenshot shows a Wireshark capture of DNS traffic. The packet list shows a query from 192.168.0.10 to 8.8.8.8 for www.cisco.com. The packet details pane shows the query structure, including the question section with the query name and type.

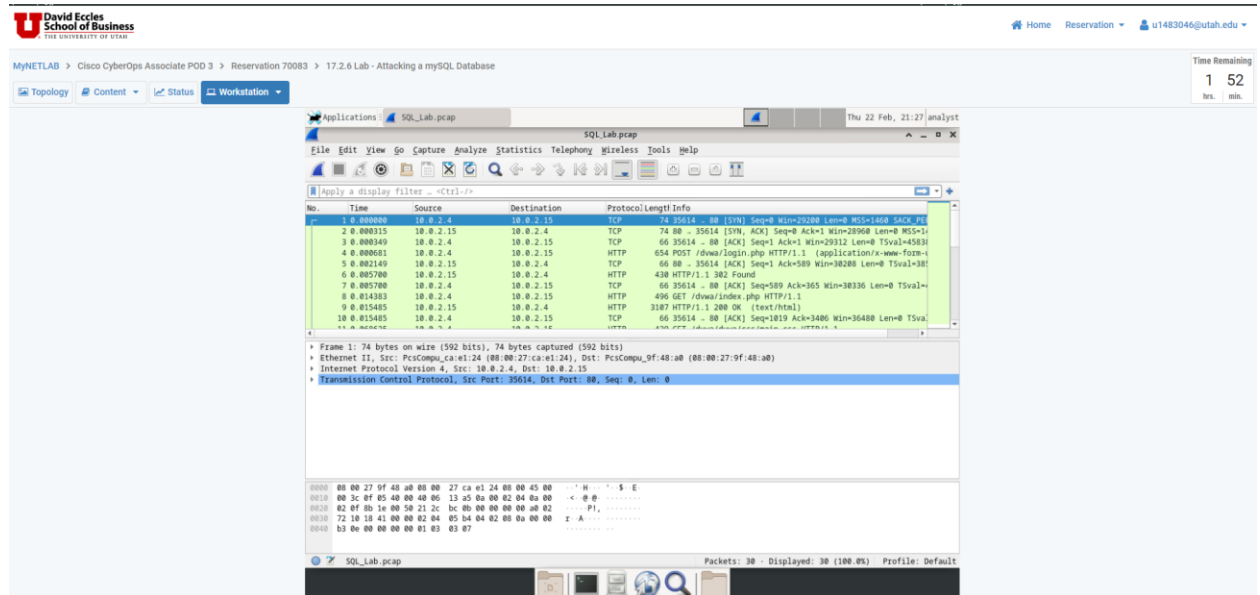
No.	Time	Source	Destination	Protocol	Length	Info
7	5.079455	192.168.0.10	8.8.8.8	DNS	80	Standard query 0x0001 PTR 8.8.8.8.in-addr.arpa
8	5.109714	8.8.8.8	192.168.0.10	DNS	124	Standard query response 0x0001 PTR 8.8.8.8.in-addr.arpa PTR google-public-dns-a.google.com
9	5.118039	192.168.0.10	8.8.8.8	DNS	73	Standard query 0x0002 A www.cisco.com
10	5.230343	192.168.0.10	8.8.8.8	DNS	77	Standard query 0x7a72 A www.cisco.com
11	5.230361	8.8.8.8	192.168.0.10	DNS	125	Standard query response 0x7a72 A www.cisco.com CNAME c99.wac.phicdn.net A 72.21.91.29

2. Lab 17.1.17, Part 2, Step 1c:

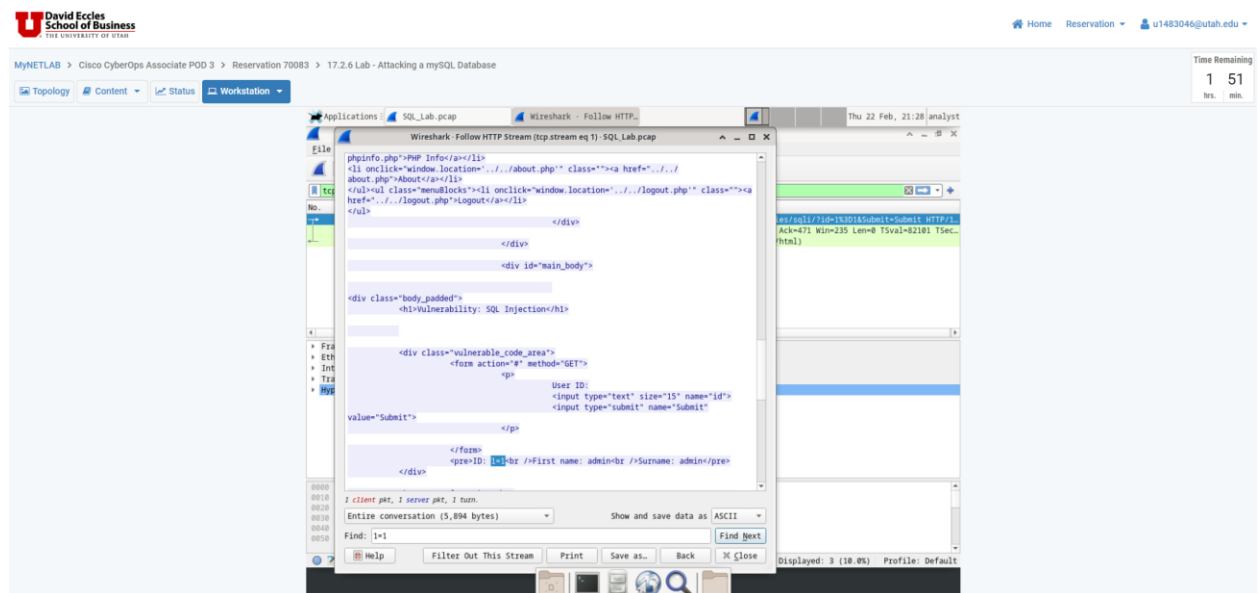
The screenshot shows a Wireshark capture of DNS traffic. The packet list shows a query from 192.168.0.10 to 8.8.8.8 for www.cisco.com. The packet details pane shows the query structure, including the question section with the query name and type.

No.	Time	Source	Destination	Protocol	Length	Info
11	5.230361	8.8.8.8	192.168.0.10	DNS	125	Standard query response 0x7a72 A www.cisco.com CNAME c99.wac.phicdn.net A 72.21.91.29
21	5.340398	8.8.8.8	192.168.0.10	DNS	255	Standard query response 0x0002 A www.cisco.com CNAME www.cisco.com.akadns.net CNAME www.cisco.com.edgekey.net CNAME www.cisco.com.edgekey.net.globalredir.akadns.net CNAME e2967.dsw...
22	5.350861	192.168.0.10	8.8.8.8	DNS	73	Standard query 0x0003 AAAA www.cisco.com
24	5.431912	8.8.8.8	192.168.0.10	DNS	295	Standard query response 0x0003 AAAA www.cisco.com CNAME www.cisco.com.akadns.net CNAME www.cisco.com.edgekey.net CNAME www.cisco.com.edgekey.net.globalredir.akadns.net CNAME e2967.dsw...

3. Lab 17.2.6, Part 1, Step 1e (screenshot of the SQL_Lab.pcap file opened in Wireshark):



4. Lab 17.2.6, Part 2, Step 1c:



5. Lab 17.2.6, Part 3, Step 1c:

[illegible]