Tutorial 2

- You can download the previous Lab's peer answers at
  - https://tinyurl.com/yckex2pc
  - https://tinyurl.com/3am3nwtn

- Download cheatsheets at
  - https://tinyurl.com/yz89dzw4

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Additional Question 3

- Create a packet with the following attributes/values:
  - Ethernet source address of “aa:bb:cc:dd:ee:ff”
  - Ethernet destination address of “ff:ee:dd:cc:bb:aa”
  - Source IP address of “192.168.1.1”
  - Destination IP address of “192.168.1.2”
  - ICMP sequence number of 1234
- What Scapy objects do you need to use?

Additional Question 4

- If you created the following objects:

```
a=IP(dst="74.125.130.104")
b=TCP(dport=80,flags="S")
c=a/b
sr1(c)
```

What will happen if you change “c=a/b” to “c=b/a”?

Additional Exercise 5

- This requires you to run TWO scapy sessions. One to send an ICMP type 8 packet, one to receive it.
- What is an ICMP type 8 request?

Additional Exercise 5 (Cont'd)

- Run the following command for Scapy to listen to an ICMP Type 8 packet at the loopback interface:

```
conf.L3socket=L3RawSocket
r=sniff(filter="icmp[0] = 8", count=1, iface="lo")
```

- Start another terminal and run Scapy to send the following packet

```
conf.L3socket=L3RawSocket
a=IP(dst="127.0.0.1")
b=ICMP(type=8,code=0,id=10,seq=100)
packet=a/b/"exercise5c"
send(packet)
```

Additional Exercise 5 (Cont'd)

- Go back to the Scapy terminal with "r" running. It should show "`Sniffed: TCP:0 UDP:0 ICMP:1 Other:0>`"
- Type the following to ensure you'd received the right packets:

```
request=r[0]
request
```