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Discussion 102  
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CS161 Homework 6

1.

- a. sgb-sy.com
- b. 46.149.110.103
- c. Source IP: 192.168.56.102

Destination IP: 46.149.110.103

Source port: 1066

Destination port: 80

- d. 11726
- e. 5
- f. Domain: www.google.com  
Resource: <http://www.google.com/webhp>  
(requesting a webpage)

2.

- a. 4.2.2.3
- b. <http://almorakib.com/>
- c. Port: 1257  
Packet number: 14008  
Destination IP: 46.101.165.112
- d. 46.101.165.112  
<http://udashdghajsdjkasdahsjkasd.cf/including.shtml?lgphvr=333a41cfd&nyesxk=aXlhdBx1AW0hNWlIJCgMJHhRRWUJZBgZdWVtCBgte&ggwmkw=dJU0EDAUFWlcDA AECHIRJU1ZgGi5CTk0D&ifzzbx=9802c8f2&gfqjw=cFUbcgIETFAADR8&wjf=bWUJVawlGUlpQEQUbW1dNV>
- e. Host: 46.101.165.112  
Packet Number: 14110  
Filename=\r\n

3.

No.	Source IP	Dest IP	Protocol	Info
1	0.0.0.0	255.255.255.255	DHCP	DHCP Discover
2	198.168.40.69	192.168.40.10	DHCP	DHCP Offer
3	0.0.0.0	255.255.255.255	DHCP	DHCP Request
4	198.168.40.69	198.168.40.10	DHCP	DHCP ACK
5	198.168.40.10	198.168.40.69	DHCP	DHCP Request
6	198.168.40.69	192.168.40.10	DHCP	DHCP ACK

4.

- a. Australia
- b. spoonfed123
- c. We can change the public key Skype is using to a public key for which we know the private key; after that, we can unencrypted the packet capture.