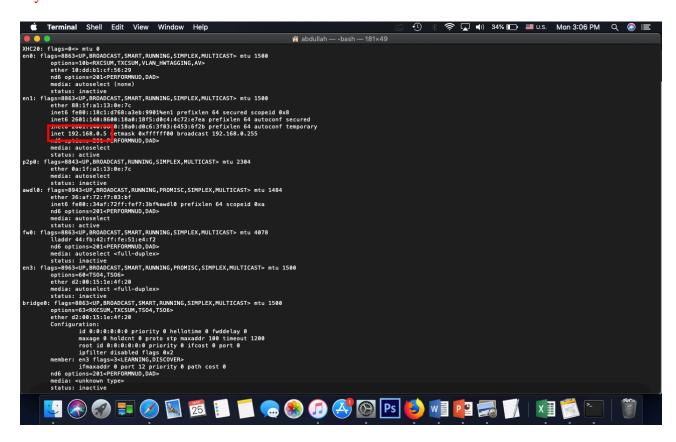
## Abdullah Alrfeedi Lab #5 IT-520

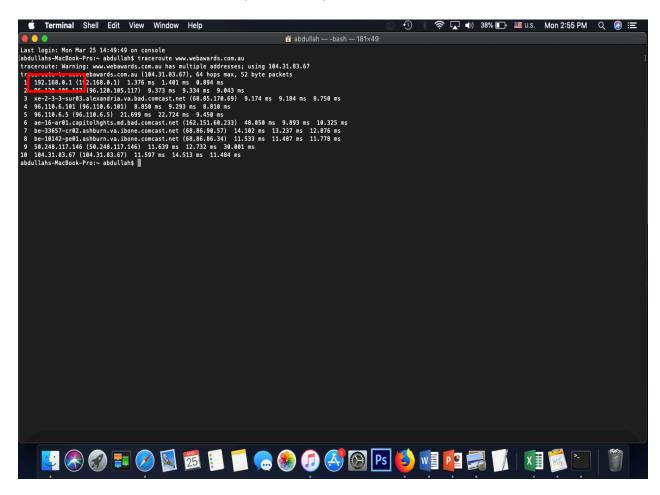
1. What is your computers IP address? (This is not included in your traceroute results). Take a screenshot of your computers IP address. Your screenshot should indicate the time and date on your computer.

## My IP address is 192.168.0.5



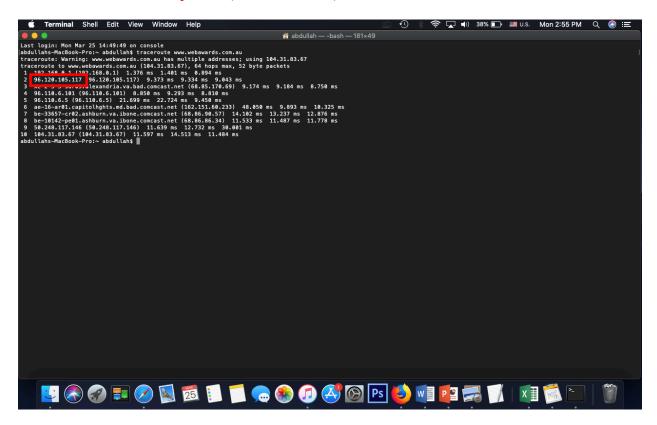
2. With reference to private/public IP addresses. What type of IP address is the first IP from your traceroute result.

The first one is Private IP address. (192.168.0.1)



3. With reference to private/public IP addresses. What type of IP address is the second IP from your traceroute result.

The second IP address is public. (96.120.105.117)



4. In a tabular format (use table example below), and in sequential order. Indicate the location of each IP address (include state for US states) and the organization that owns the IP address. (Use <a href="https://www.ultratools.com/tools/ipWhoisLookup">https://www.ultratools.com/tools/ipWhoisLookup</a> to look up IP address whois information). Add a row for every single IP in your traceroute result page.

Hop Count	IP address	Organization (IP Owner)	Location (US state)/Country
1	192.168.0.1	Internet Assigned Numbers Authority (IANA)	Los Angeles, CA USA
2	96.120.105.117	Comcast	Mt Laurel, NJ USA
3	68.85.170.69	Comcast	Mt Laurel, NJ USA
4	96.110.6.101	Comcast	Mt Laurel, NJ USA
5	96.110.6.5	Comcast	Mt Laurel, NJ USA
6	162.151.60.233	Comcast	Mt Laurel, NJ USA
7	68.86.90.57	Comcast	Mt Laurel, NJ USA
8	68.86.86.34	Comcast	Mt Laurel, NJ USA
9	50.248.117.146	Comcast	Mt Laurel, NJ USA
10	104.31.83.67	Cloudflare, Inc.	San Francisco, CA USA

5. In your own words, explain everything you just did, and what route did your packet took from source to destination. How many US states did your packet go through? How many countries if any?

Using traceroute, I pinged the given IP address which hopped first hit IANA in Los Angeles, USA. It then came back to Virginia and went through Comcast in Maryland 8 times. It then finally reached San Francisco as its final 'destination.'