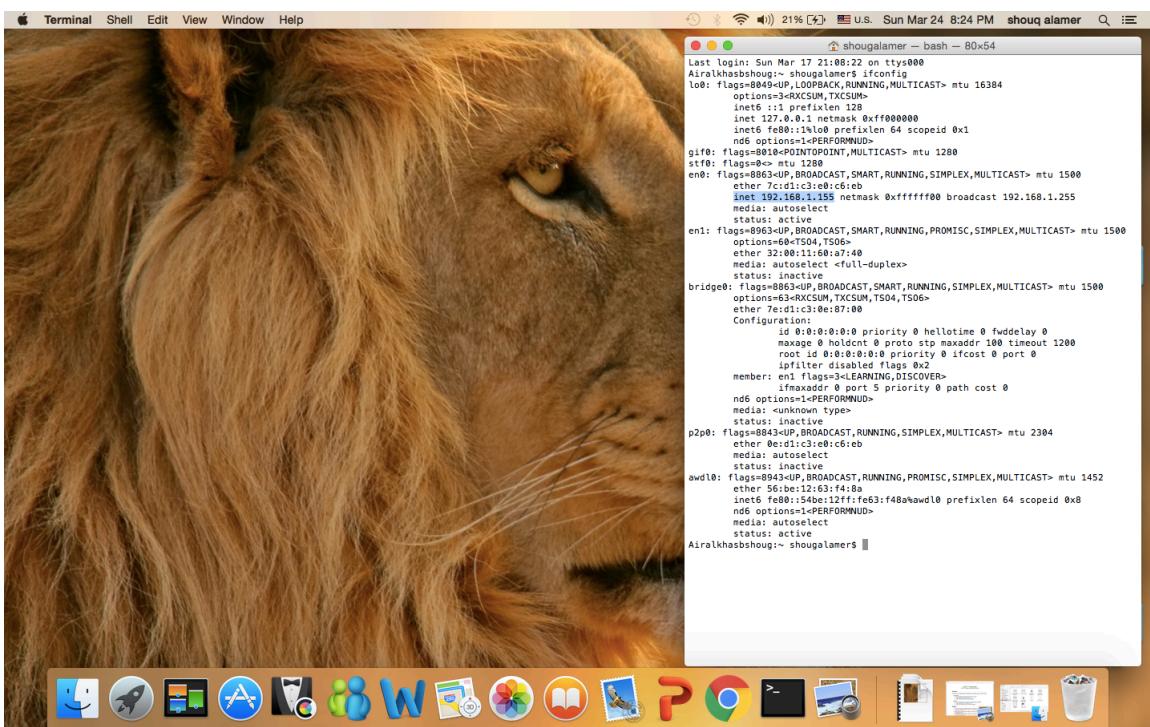


## 1. What is your computers IP address?



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

(192.168.1.1) Private

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

(100.41.128.162) Public

- 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 <https://www.ultratools.com/tools/ipWhoisLookup> 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	192.168.1.1	Internet Assigned Numbers Authority (This is my private IP address, so actually Verizon owns it because my ISP is Verizon)	California, USA (My location is in Virginia USA actually).
2	100.41.128.162	MCI Communications Services, Inc. d/b/a Verizon Business	Virginia, USA
3	140.222.226.17	ANS CO+RE Systems, Inc.	New York, USA

4	140.222.239.79	ANS CO+RE Systems, Inc.	New York, USA
5	140.222.226.17	ANS CO+RE Systems, Inc.	New York, USA
6	204.148.11.177	ANS Communications, Inc	Virginia, USA
7	69.174.23.102	GTT	Germany
8	104.31.83.67	Cloudflare, Inc.	California, 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?

I used the trace route command on Terminal to connect to a specific IP address (domain name [www.webawards.com.au](http://www.webawards.com.au)). The trace route command shows all the IP address and routers I connected to while my packet was moving hops to reach the destination. The route my packet took was from my IP address (source) connecting to a Virginia router, then I connected to a router in New York, then I connected to a router 3 times again from the same Organization in New York, and then I connected to a router back in Virginia, and then I connected to a router in Germany, and finally I reached the destination in California. I went through 3 US States (Virginia, New York, California) and 2 countries (USA, Germany).