

*ENTERPRISE INFRASTRUCTURE AND NETWORKS*

*IT-520*

*LAB#5*

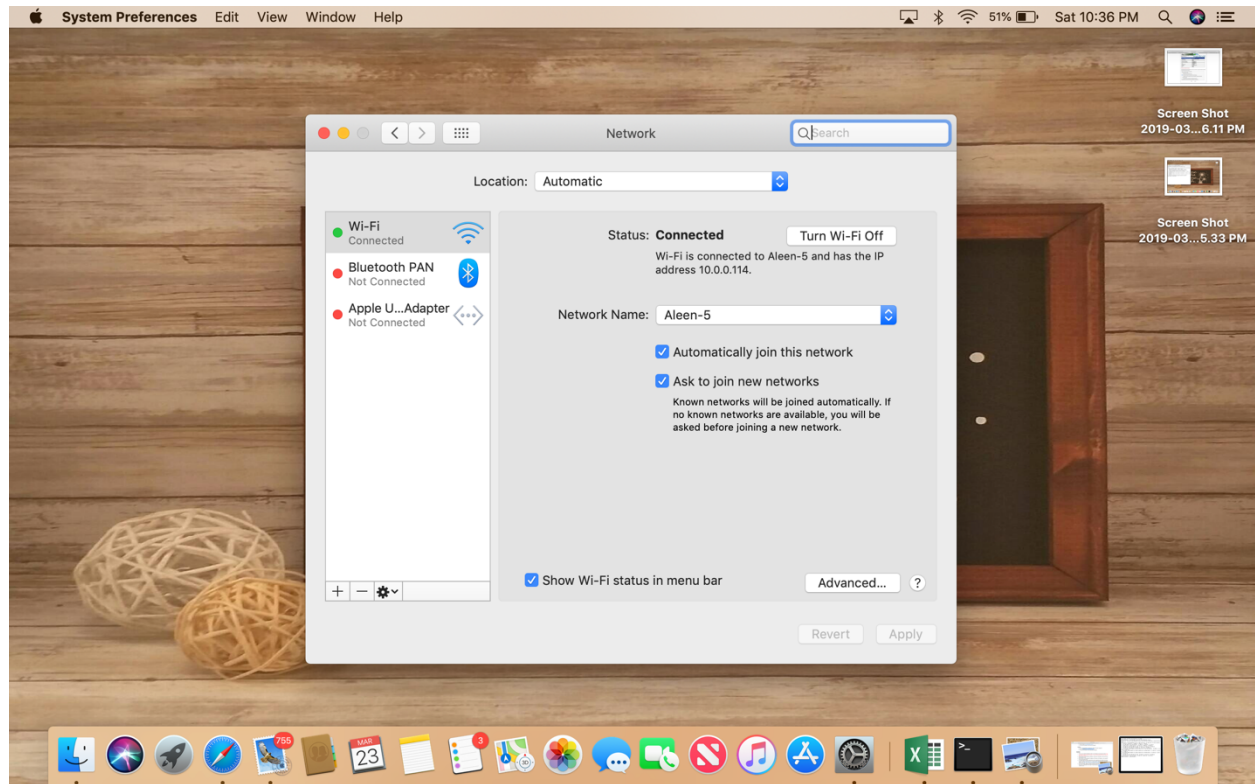
*OHUOD ALTHIYABI*

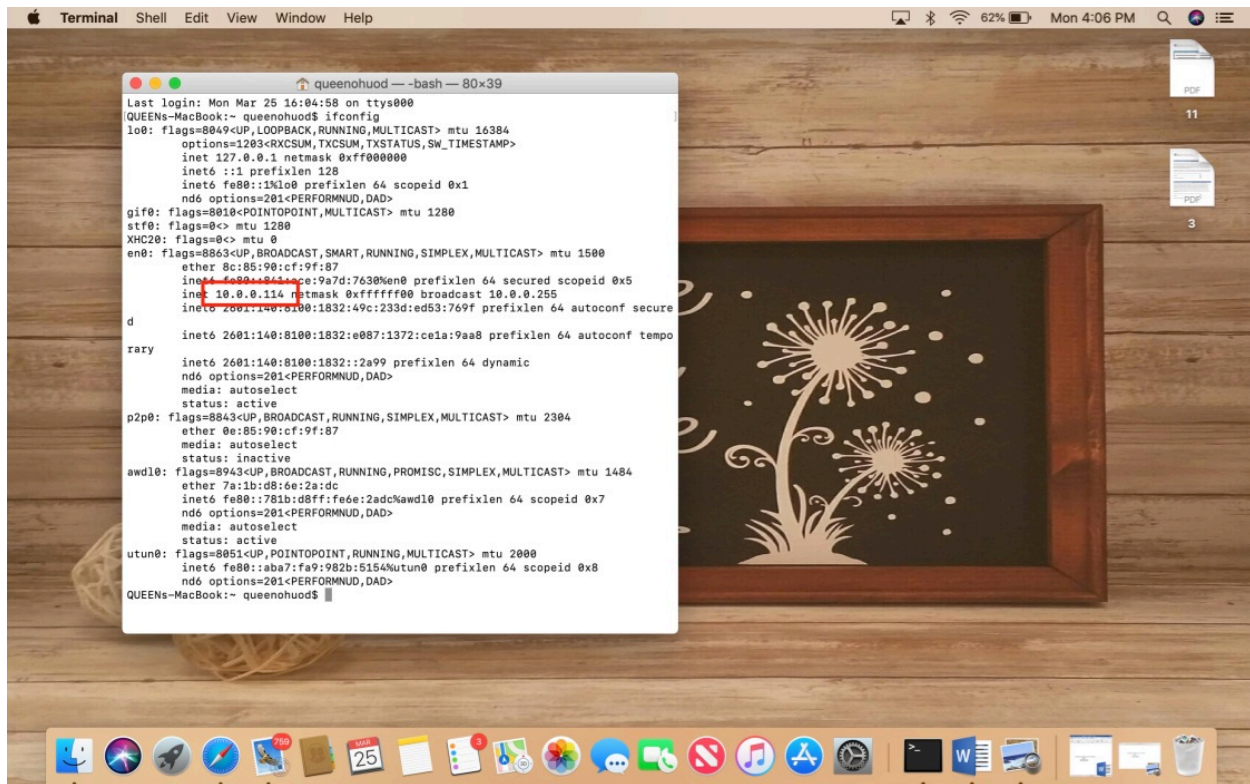
*DUE TO:03/25/2019*

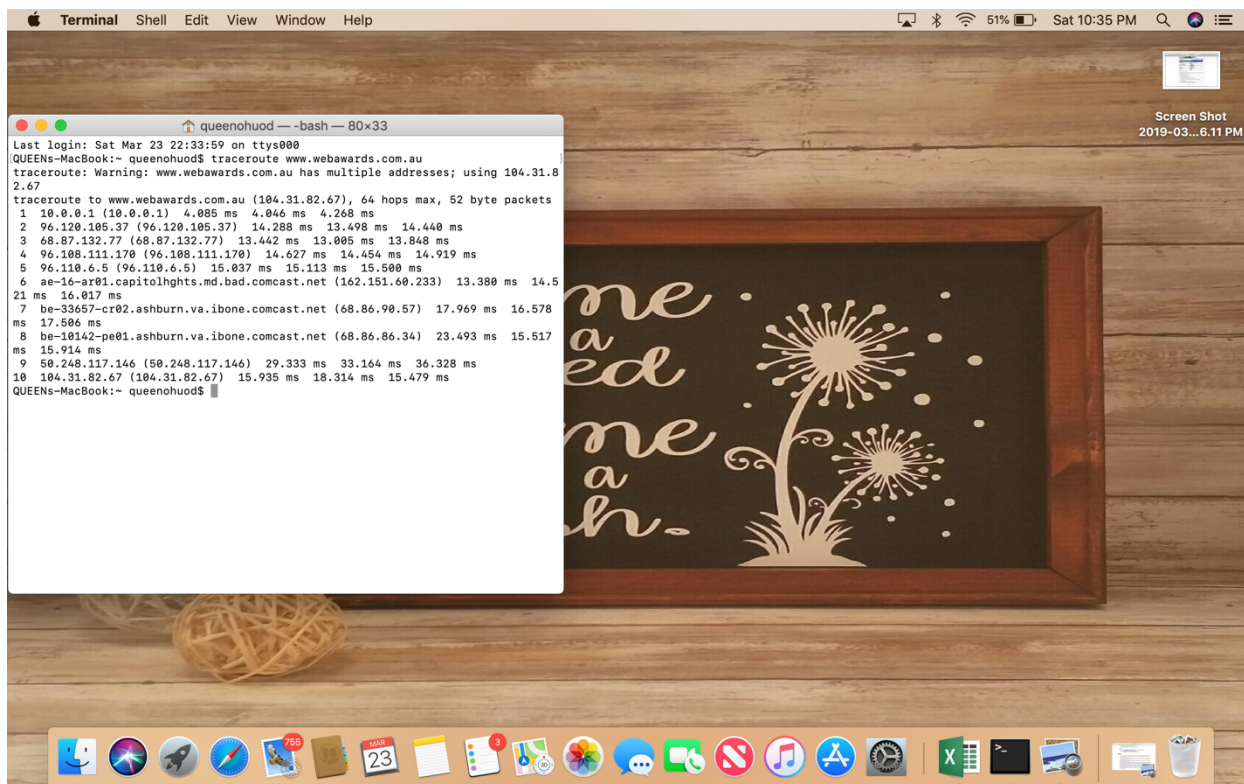
*Question 1:*

*What is your computers IP address?*

**10.0.0.114**







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queenohuod -- -bash -- 80x33
Last login: Sat Mar 23 22:33:59 on ttys000
QUEENS-MacBook:~ queenohuod$ traceroute www.webawards.com.au
traceroute: Warning: www.webawards.com.au has multiple addresses; using 104.31.82.67
traceroute to www.webawards.com.au (104.31.82.67), 64 hops max, 52 byte packets
 1 10.0.0.1 (10.0.0.1) 4.088 ms 4.046 ms 4.268 ms
 2 96.120.105.37 (96.120.105.37) 14.288 ms 13.498 ms 14.440 ms
 3 68.87.132.77 (68.87.132.77) 13.442 ms 13.005 ms 13.848 ms
 4 96.108.111.170 (96.108.111.170) 14.627 ms 14.454 ms 14.919 ms
 5 96.110.6.5 (96.110.6.5) 15.037 ms 15.113 ms 15.500 ms
 6 ae-16-ar01.capitolhghts.md.bad.comcast.net (162.151.60.233) 13.380 ms 14.521 ms 16.017 ms
 7 be-33657-cr02.ashburn.va.ibone.comcast.net (68.86.90.57) 17.969 ms 16.578 ms 17.506 ms
 8 be-10142-pe01.ashburn.va.ibone.comcast.net (68.86.86.34) 23.493 ms 15.517 ms 15.914 ms
 9 50.248.117.146 (50.248.117.146) 29.333 ms 33.164 ms 36.328 ms
10 104.31.82.67 (104.31.82.67) 15.935 ms 18.314 ms 15.479 ms
QUEENS-MacBook:~ queenohuod$
```

*Question 2:*

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

*IP address: 10.0.0.1*

*- This is a private LAN address, it can neither be routed, geolocated or publicly looked up in the internet*

*Question 3:*

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

*IP address: 96.120.105.37*

*- This is a public LAN address.*

*Question 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.*

Hop Count	IP address	Organization (IP Owner)	Location(USstate) /Country
1	10.0.0.1	IANA: Internet Assigned Numbers Authority	Country: : United States State/Province: CA City: Los Angeles Address: 12025 Waterfront Drive Suite 300
2	96.120.105.37	C02702800: Comcast IP Services, L.L.C.	Country: United States State/Province: NJ City: Mt Laurel Address: 1800 Bishops Gate Blvd
3	68.87.132.77	C01616568: Comcast Cable Communications, Inc.	Country: United States State/Province: NJ City: Mt Laurel Address: 1800 Bishops Gate Blvd
4	96.108.111.170	CCCS: Comcast Cable Communications, LLC	Country: United States State/Province: NJ City: Mt Laurel Address: 1800 Bishops Gate Blvd
5	96.110.6.5	CCCS: Comcast Cable Communications, LLC	Country: United States State/Province: NJ City: Mt Laurel Address: 1800 Bishops Gate Blvd

6	162.151.60.233	CCCS: Comcast Cable Communications, LLC	Country: United States State/Province: NJ City: Mt Laurel Address: 1800 Bishops Gate Blvd
7	68.86.90.57	C01616566: Comcast Cable Communications, Inc.	Country: United States State/Province: NJ City: Mt Laurel Address: 1800 Bishops Gate Blvd
8	68.86.86.34	C01616566: Comcast Cable Communications, Inc.	Country: United States State/Province: NJ City: Mt Laurel Address: 1800 Bishops Gate Blvd
9	50.248.117.146	CCCS: Comcast Cable Communications, LLC	Country: United States State/Province: NJ City: Mt Laurel Address: 1800 Bishops Gate Blvd
10	104.31.82.67	CLOUD14: Cloudflare, Inc.	Country: United States State/Province: CA City: San Francisco Address: 101 Townsend Street

*Question 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 typed the word (tracert with specific link) in Terminal, and that listed ten of IP address. Then I reached details of each IP in specific website.*

*I passed through two states.( NJ AND CA)*