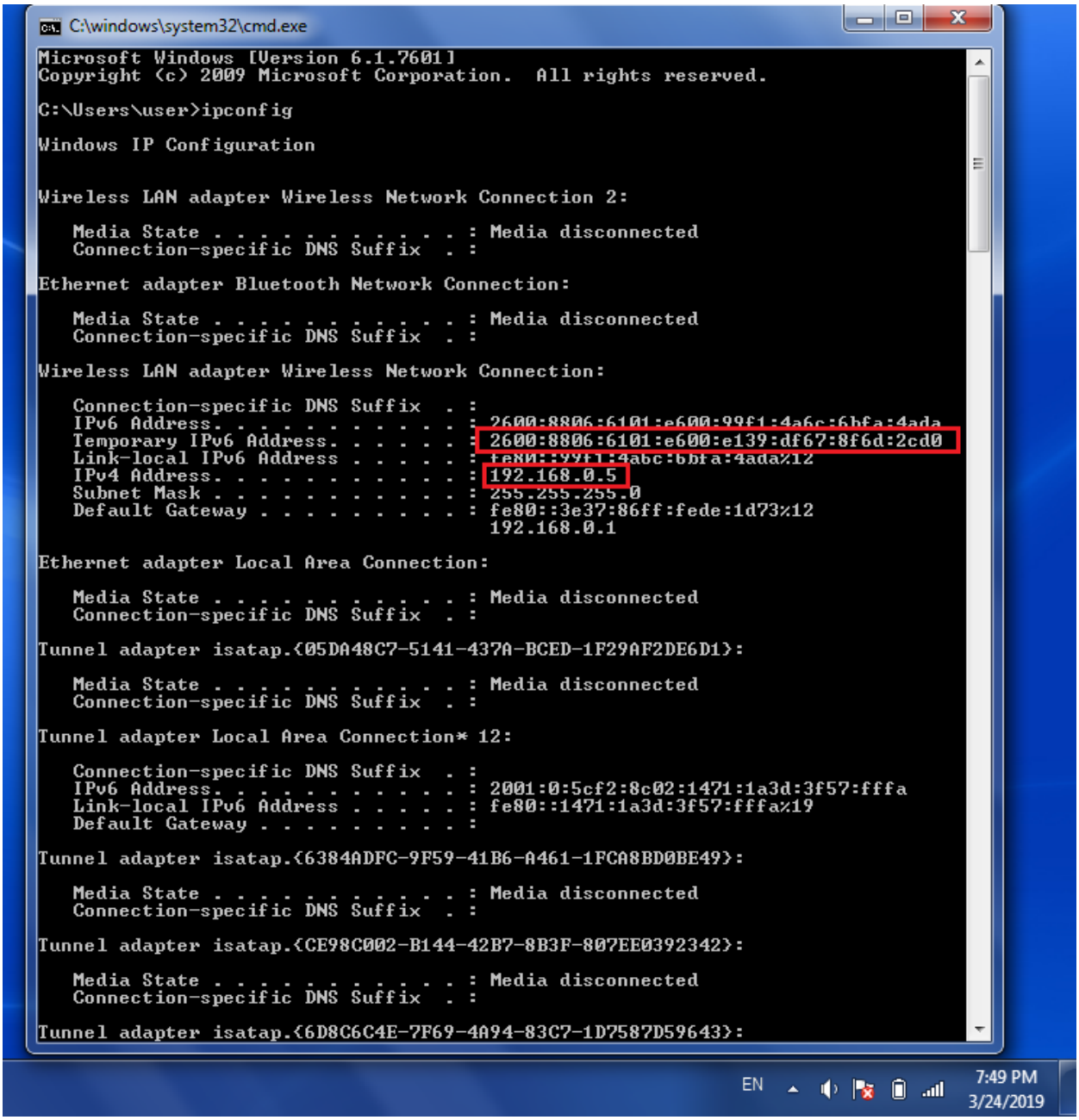
Name: Mohammad Alhomidan **ID:** 2510431

1.What is your computers IP address?

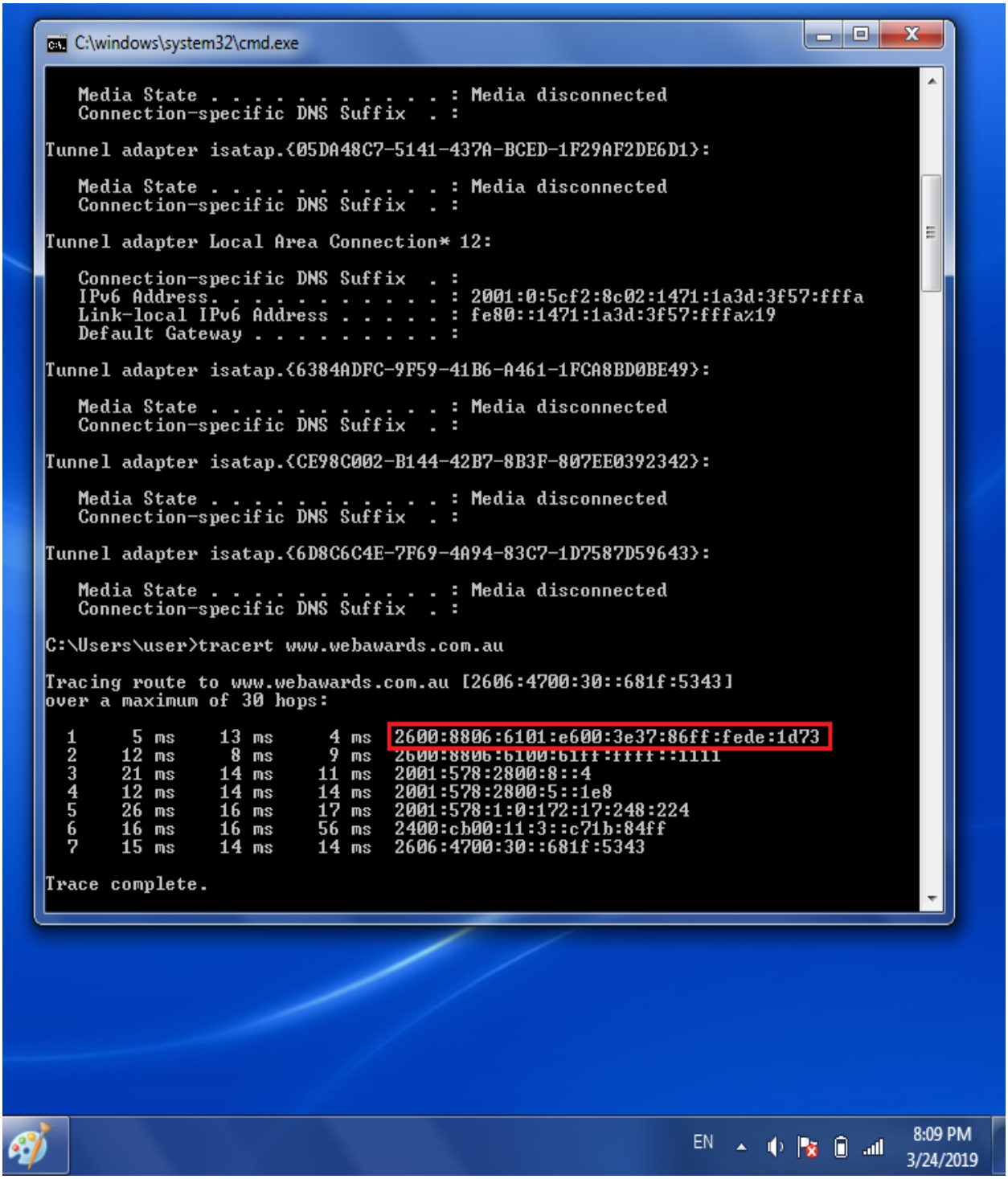
My private IP 192.168.0.5

My public IP 2600:8806:6101:e600:e139:df67:8f6d:2cd0



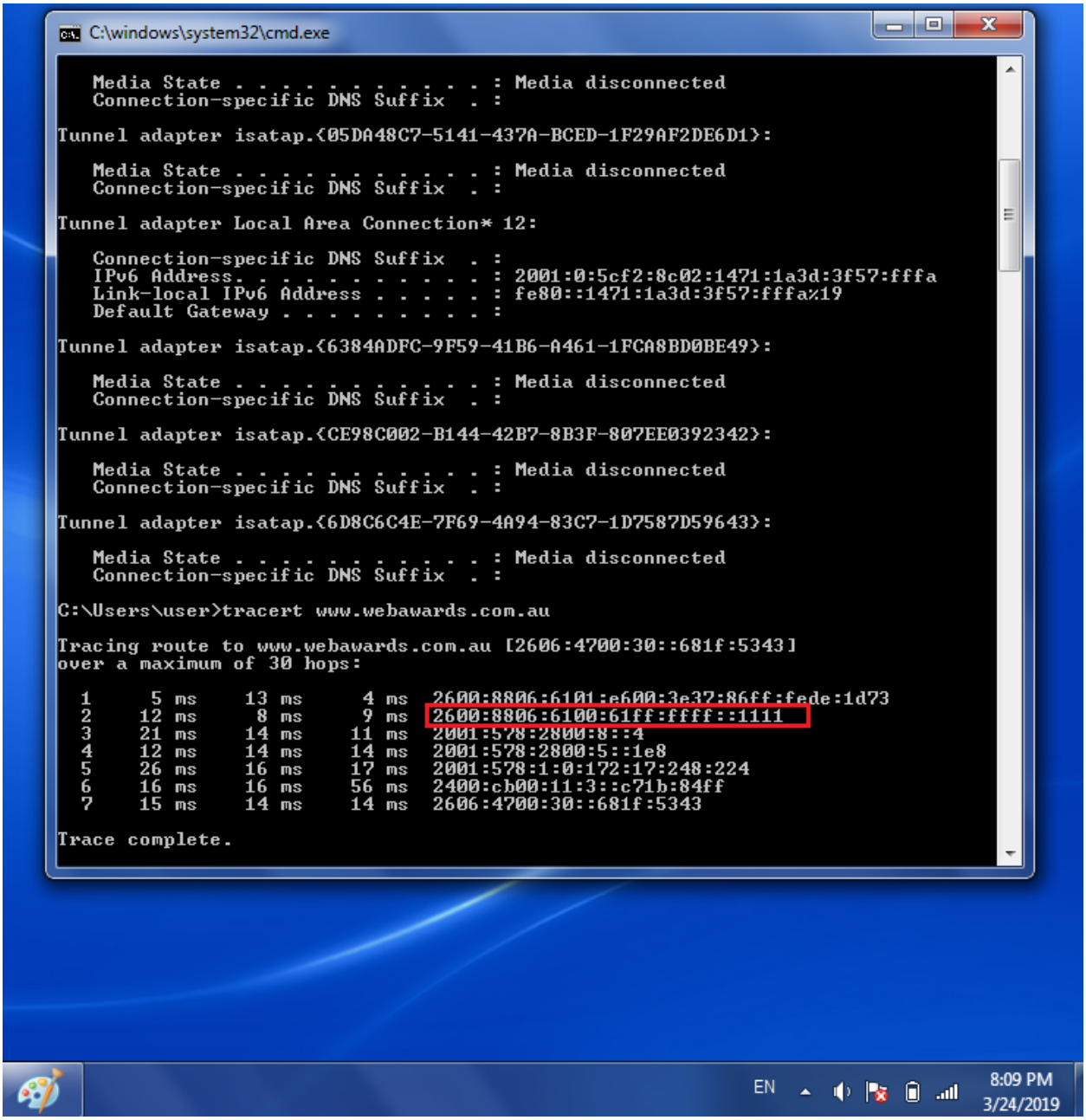
2.With reference to private/public IP addresses. What type of IP address is the first IP from your traceroute result.

The IP 2600:8806:6101:e600:3e37:86ff:fede:1d73 is a public IP

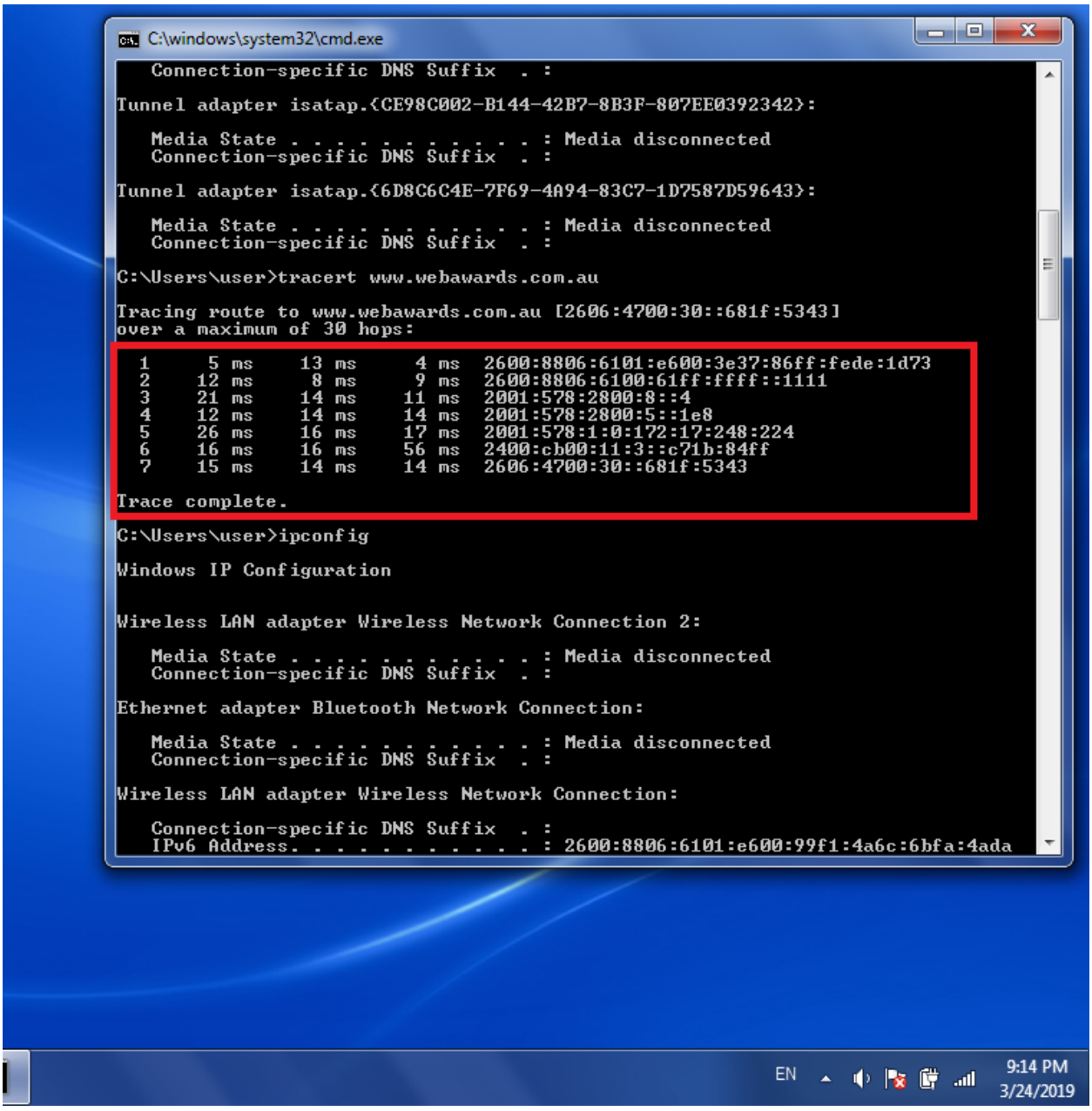


3. With reference to private/public IP addresses. What type of IP address is the second IP from your traceroute result.

The IP 2600:8806:6100:61ff:ffff::1111 is a public IP



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 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	2600:8806:6101:e600:3e37:86ff:fede:1d73	Cox Communications Inc	Atlanta GA
2	2600:8806:6100:61ff:ffff::1111	Cox Communications Inc	Atlanta GA
3	2001:578:2800:8::4	Cox Communications Inc	Atlanta GA
4	2001:578:2800:5::1e8	Cox Communications Inc	Atlanta GA
5	2001:578:1:0:172:17:248:224	Cox Communications Inc	Atlanta GA
6	2400:cb00:11:3::c71b:84ff	Cloudflare, Inc	San Francisco CA
8	2600:4700:30::681f:5343	American Registry for Internet Numbers	Centreville VA

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?

The packet went through Georgia to California and went back to Virginia. It was not left the U.S even the URL from Australia.