

Q.1:

Source: 192.168.122.220, Dest: 192.168.122.1

DNS (query) – Standard query 0xcb8a A www.example.com

Source: 192.168.122.1, Dest: 192.168.122. 220,

DNS (response) – Standard query response 0xcb8a A www.example.com A 93.184.216.34

Q.2:

93.184.216.34

Q.3:

It depends on the size of the domain name.

Standard port: 53

Q.4:

Recursive

Q.6:

304 Not Modified

Q.7:

Initial: 1065 bytes (8520 bits)

Refetch: 342 bytes (2736 bits)

Q.8:

Not Modified