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CSE 310

Programming Assignment 3: ARP Packet Capture and Analysis

Part B (iii)

IP address of my router : 192 . 168 . 1 . 1

MAC address of my router : 4c : 60 : de : 41 : 1a : 75

There are many broadcasting ARP requests and I identified my router, as routers broadcast to other devices within the local network. For these types of ARP requests with a destination of Broadcast, the source is Netgear\_41 : 1a : 75 and the IP address told is 192 . 168 . 1 . 1. The router communicates with other devices in the local network and this can be seen in further ARP requests and ARP responses. When a device receives a response, the router's MAC address is shown. My router's MAC address appears to be 4c : 60 : de : 41 : 1a : 75 .