**Homework Network Analysis**

Over the length of my Wireshark capture, I saw lots of HTTP/TCP traffic which I expected.

I found that my computer was running Simple Service Discovery Protocol (SSDP), The SSDP protocol can discover Plug & Play devices, with uPnP (Universal Plug and Play). SSDP uses unicast and multicast address (239.255.255.250). SSDP is HTTP like protocol and work with NOTIFY and M-SEARCH methods. SSDP can be used over IPv4 and IPv6.

I also found out that my home router issues an Address Resolution Protocol, ARP, to get my computer’s IP Address and match it to the MAC address, physical address of the network adapter.