

Part 1

- 1.) It is amazing to me that humans have found a way to use electricity to make so many great things such as wifi. To think that no one owns the internet but everyone uses it is mind boggling. I decided to look up how data is transferred and I learned that data transfer happens through these things called packets. Essentially there are multiple packets that make up the information you're transferring. Once all the packets arrive at your device the data reassembles like putting a puzzle back together.
- 2.) Before watching this video I wasn't really sure how the internet was transferred. I know about binary because I have coded it before but I never knew that binary information is also known as bits. I know a little bit about hacking and crashing peoples internet and now I know that when you are DDoSing, your are interfering with the bit rate. Or sending so much binary info that the device it is being sent to crashes. This is another very interesting aspect of the internet.
- 3.) For a long time I believed that servers and networks were all only connected through the radio waves. It turns out that there are massive amounts of very large cable underground that is supporting our internet use on a daily basis. For example, Coastal Western Africa's internet use is supported by one cable called the ACE, stretching and whopping 10,500 miles

Part 2



