

Define the the following terms with regards to the internet/networking:

- URL → the address of a World Wide Web page
- TCP/IP → Transmission Control Protocol / Internet Protocol Which is a set of networking protocols that allows two or more computers to communicate.
- UDP → Stands for User Datagram Protocol and it is a part of the internet protocol suite used by programs running on different computers on a network
- DNS → Domain Name System which is the internet's system for converting alphabetical names into numerical IP addresses.
- Packet → a collection of data that can be used by computers which need to communicate with each other.
- Port → a connection point between a computer and an external or internal device.
- Protocol → a set of rules or procedures for transmitting data between electronic devices
- Bandwidth → the amount of data that can be sent from one point to another in a certain period of time.
- Phishing → a malicious individual or group who scam users through things like emails or websites
- Ssl → stands for secure sockets layer it is an encrypted link between a web server and a browser
- Ddos → stand for distributed denial of service
- Ransomware → malware that holds a computer hostage until a “ransom” fee is paid

Write a paragraph on what the internet means to society and you today.

The internet I think is a very powerful things that is now used in every industry in the world. The internet is a very important thing in society because it gives everyone new ways to connect with each other. The internet to me has given me new ways to be connected to things like sports because although I am not on the team that I cheer for I feel like I can know the players better by using things like twitter and instagram.

Collect URL's for the following:

- College Board AP CSP home page →
<https://apcentral.collegeboard.org/courses/ap-computer-science-principles/course>
- Canyons District → <http://www.canyonsdistrict.org/>
- CTEC → <https://ctec.canyonsdistrict.org/>
- Swift Language guide →
<https://docs.swift.org/swift-book/LanguageGuide/TheBasics.html>
- Twitter or other social media site → <https://twitter.com/>
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