

Briefly describe what the TCP/IP protocol does for the Internet.

TCP/IP is a set of communication rules that allows computers and devices to connect and exchange data across the Internet. What it does is, it breaks information into packets, assigns each packet a destination address, and sends them across networks using the most efficient route possible. TCP makes sure that all packets are delivered correctly and in their proper order, resending any that are lost by checking to make sure each packet is delivered, while IP handles addressing and routing so the data reaches the correct device. Together, TCP/IP enables reliable communication between different types of computers and networks.

Explain how top-level Web domain names are proposed and approved.

Top level domain names, like .com and .org, are proposed by businesses or governments through an application process managed by the Internet Corporation for Assigned Names and Numbers. The applicant must show that they can operate the domain safely and that the name will not conflict with existing domains or trademarks. If approved they can then use the domain name.