

## Activity 6

Interactive

Ahmed is learning about communication protocols.

Explain protocols and how they are used to transmit data across computer networks and the Internet.

Use the words to fill in the blank spaces.

| | | |
|---|---|---|
| networking | data | suite |
| transfer | software | protocols |

In computer networks, communication protocols are the ..... used to implement sets of rules or procedures for transmitting data between electronic devices. Communication ..... are established by international or industrywide organisations.

TCP/IP is a ..... of communications protocols used in computer ..... and the Internet. The foundational protocols in the suite are Transport Control Protocol (TCP) and Internet Protocol (IP). These protocols are used in combination to enable connections and ..... exchange between host devices on networks. Other protocols in the TCP/IP suite rely on these protocols to work. Some commonly used protocols in the TCP/IP suite are:

- Domain Name Service (DNS)
- Hypertext ..... Protocol (HTTP)
- Simple Mail Transfer Protocol (SMTP)
- File Transfer Protocol (FTP)



LIVEWORKSHEETS

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