

Module 4 Topic 1

Worksheet

In Topic 1, you have covered TCP/IP – Transmission Control Protocol/Internet Protocol.

A common transport layer protocol that underpins the Internet is **UDP**, or the *User Datagram Protocol*.

Using your own research skills, learn about UDP and answer the following questions:

1. What does it mean that UDP is a connectionless protocol?
2. What is the use of checksums in UDP?
3. What are port numbers and how does UDP use them?
4. Draw a UDP datagram in Microsoft Paint, Visio, or any other drawing software.
5. Compare and contrast UDP and TCP on at least five different criteria.