

N E T W O R K



Important

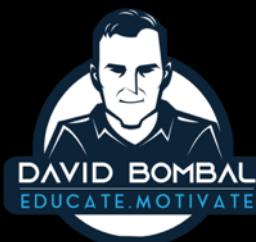
- I am only introducing concepts in this part of the course.
- I will discuss items in more detail later in the course - don't worry if you don't understand everything right now.



What is a Network?

- A computer network is a digital telecommunications network for sharing resources between nodes, which are computing devices that use a common telecommunications technology.
- Data transmission between nodes is supported over data links consisting of physical cable media, such as twisted pair or fibre-optic cables, or by wireless methods, such as Wi-Fi, microwave transmission, or free-space optical communication.

* Source: Wikipedia



Resource example: Printer



Resource example: File Sharing



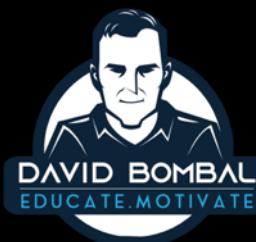
Sneakernet



Sneakernet

- Sneakernet is an informal term for the transfer of electronic information by physically moving media such as magnetic tape, floppy disks, optical discs, USB flash drives or external hard drives between computers, rather than transmitting it over a computer network.
- The term, a tongue-in-cheek play on net(work) as in Internet or Ethernet, refers to walking in sneakers as the transport mechanism.

* Source: Wikipedia



Sneakernet



Basic Network

- Copper Cable / Wi-Fi



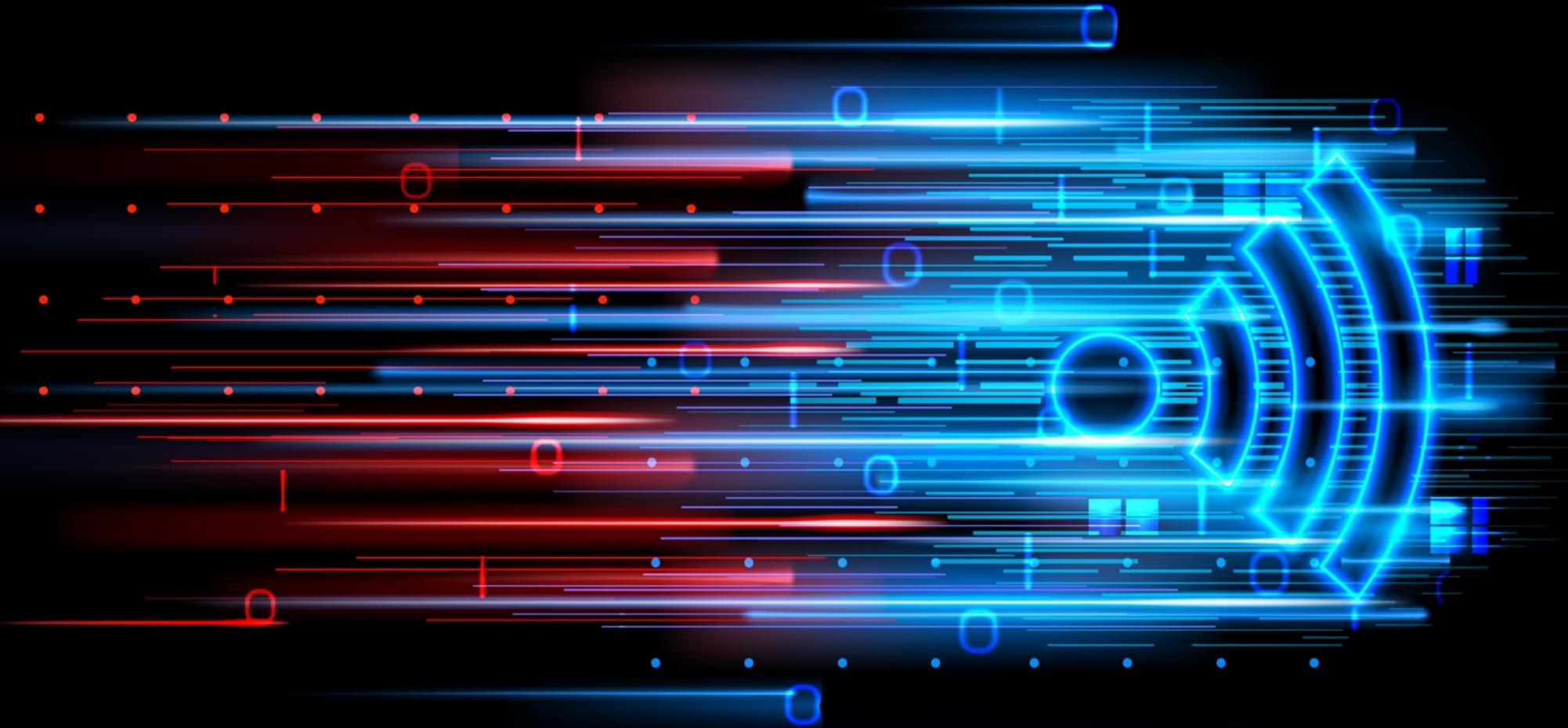


iPhone Example



Wi-Fi / Bluetooth





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