

What is Network?

Network: is a group of connected computer and devices.

- For example, the computers, phones, and other devices that your family owns are all part of your home computer network.
- When you get a <u>new tablet and enter in the Wi-Fi password</u>, you're <u>joining</u> that table to your home computer network.

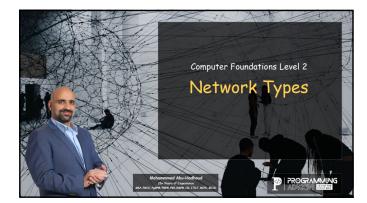
Why do we need Network?

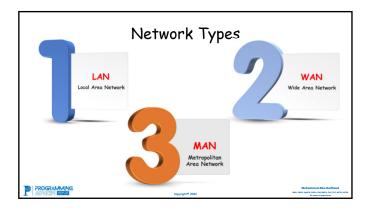
- Devices in the same network can $\underline{\text{easily communicate}}$ and $\underline{\text{share resources}}$ with each other.
- For example: you can <u>control your TV with your mobile</u>, or you can <u>stream videos</u> from your mobile <u>to your TV</u>.

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What is LAN?

LAN: Local Area Network that has a group of connected devices.

- LAN is a type of network made up of <u>nearby computers</u>.
- A LAN can have anywhere from a <u>few devices (like a home network)</u> to hundreds of devices (like a school or hospital)
- Large organizations like $\, \underline{\text{colleges can have multiple LANs}} \, \, \text{maybe one per building.}$

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Mohammed Abu-Hadh usa, rucc, ryare, rure, rus sare, ca, ri 20 years of experience



What is WAN? WAN: Wide Area Network. WAN is made of connected LANs that are far from each other (like in different parts of the country or world). WANs connect thousands or even millions of devices.

