"Aku lebih menghargai orang yang **BERADAB** daripada **BERILMU**. Kalau hanya berilmu **IBLIS** pun lebih tinggi ilmunya daripada ~~MALAIKAT~~ **MANUSIA**."
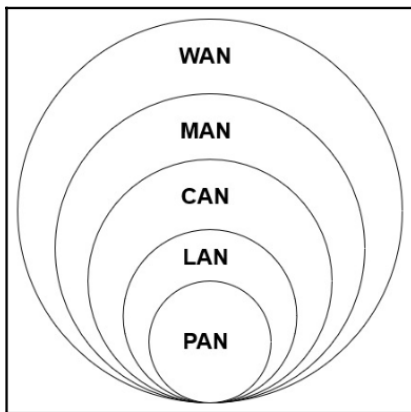
Syekh Abdul Qadir Al-Jailani

بِسْمِ اللهِ الرَّحْمَنِ الرَّحِيمِ

رَضِيتُ بِاللهِ رَبًّا وَبِالْإِسْلَامِ دِينًا وَبِمُحَمَّدٍ نَبِيًّا وَرَسُوْلًا
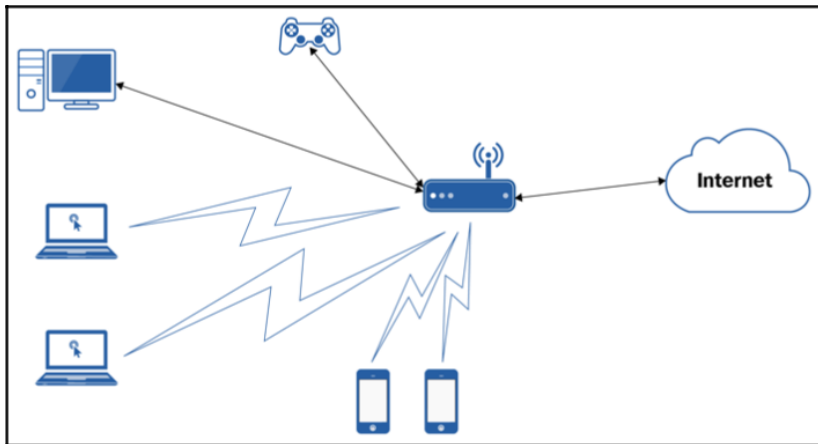
رَبِّ زِدْنِيْ عِلْمًا وَارْزُقْنِيْ فَهْمًا

"Aku ridha Allah SWT sebagai Tuhanku, Islam sebagai agamaku, dan Nabi Muhammad sebagai Nabi dan Rasul, Ya Allah, tambahkanlah kepadaku ilmu dan berikanlah aku kefahaman"

- Scales of networks
- Introduction to LANs
- Local addressing
- Wired and wireless LANs
- VLANs
- MANs
- CANs
- PANs

Networks can be described in terms of their scale of deployment according to how much of an area they cover or what type of area they cover.
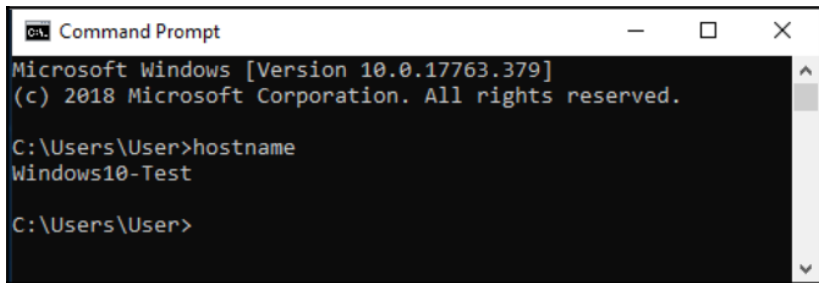
A LAN can be described as something that covers a small
geographical area that's small enough that the devices can be
classed as being local to each other.

Hostnames

A computer's hostname is an easy-to-read (for humans) method of identifying a device on the network. Each device's hostname is configured by the system administrator. Although hostnames make identifying devices a little more human-friendly, often, we tend to think of IP addresses as the main means of identifying a device on a network.

```
Command Prompt                                    —    □    ×

Microsoft Windows [Version 10.0.17763.379]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\User>hostname
Windows10-Test

C:\Users\User>
```

An IPv4 address is broken down into two sections:

1. A network element
2. A host element

Makanan yang sedap ada diruang tamu
Orang yang beradap sudah pasti berilmu