



Figure. Network Architecture (Layers, protocols, and interfaces in a 5-layered network architecture)

- The architecture of computer network (five-layer network) is illustrated as shown in figure
- A set of layers and protocols is called a network architecture
- A set of The rules and conventions used for the communication between the machines is known as protocol
- Protocol is an agreement between the communicating parties on how to proceed the communication
- In network architecture, the network is organized as a stack of layers. Each layer is built upon the layer below it
- A list of protocols used by a system, one protocol per layer, is called a protocol stack