

# OSI MODEL

## Layer 7: Application Layer

- Defines interface to user processes
- Provides standardized network services

## Layer 6: Presentation Layer

- Specifies architecture-independent data transfer format
- Encodes and decodes data; Encrypts and decrypts data; Compresses and decompresses data

## Layer 5: Session Layer

- Manages user sessions and dialogues
- Controls establishment and termination of logical links between users

## Layer 4: Transport Layer

- Provides reliable and sequential end-to-end packet delivery
- Provides connectionless oriented packet delivery

## Layer 3: Network Layer

- Routes packets according to unique network addresses

## Layer 2: Data Link Layer

- Defines procedures for operating the communication link
- Provides framing and sequencing

## Layer 1: Physical Layer

- Defines physical means of sending data over network devices

