

# Open Systems Interconnection (OSI) Model

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The **Open Systems Interconnection (OSI) Model** is a conceptual and logical layout that defines network communication used by systems open to interconnection and communication with other systems.

The model is broken into seven subcomponents, or layers, each of which represents a conceptual collection of services provided to the layers above and below it. The OSI Model also defines a logical network and effectively describes computer packet transfer by using different layer protocols.

The OSI Model may also be referred to as the seven-layer OSI Model or the seven-layer model.

The Seven Layers are:

| Layer | Name                          |
|-------|-------------------------------|
| 7     | <a href="#">applayer</a>      |
| 6     | <a href="#">presentlayer</a>  |
| 5     | <a href="#">datalinklayer</a> |
| 4     | <a href="#">netlayer</a>      |
| 3     | Session Layer                 |
| 2     | Physical Layer                |
| 1     | Transport Layer               |

Source: [Open Systems Interconnection \(OSI\) Model](#)

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