

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	Examples
7	Application Layer	SNMP, [dido:public:ra:xapend:xapend.a_glossary:h:http]], File Transfer Protocol (FTP)
6	Presentation Layer	encryption, ASCII, PNG, MIDI
5	Data Link Layer (DLL)	Syn/Ack
4	Network Layer	TCP, UDP, port numbers
3	Session Layer	IP, routers
2	Physical Layer	MAC, switches
1	Transport Layer	cable, RJ45

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

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