[The 7 Layers of Networking](https://www.freecodecamp.org/news/osi-model-networking-layers-explained-in-plain-english/)-freecodecamp

[What is OSI Model? – Layers of OSI Model](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/)-Geekforgeek

**OSI stands for Open Systems Interconnection**, where open stands to say non-proprietary. It is a 7-layer architecture with each layer having specific functionality to perform. All these 7 layers work collaboratively to transmit the data from one person to another across the globe. The OSI reference model was developed by **ISO – ‘International Organization for Standardization**‘, in the year 1984.

The OSI model provides a **theoretical foundation**for understanding **network communication**. However, it is usually not directly implemented in its entirety in real-world **networking hardware**or **software**. Instead, **specific protocols**and **technologies**are often designed based on the principles outlined in the **OSI model**to facilitate efficient data transmission and networking operations

* [What is OSI Model?](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#what-is-osi-model)
* [What are the 7 layers of the OSI Model?](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#what-are-the-7-layers-of-the-osi-model)
* [Physical Layer – Layer 1](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#physical-layer-layer-1)
* [Data Link Layer (DLL) – Layer 2](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#data-link-layer-dll-layer-2)
* [Network Layer – Layer 3](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#network-layer-layer-3)
* [Transport Layer – Layer 4](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#transport-layer-layer-4)
* [Session Layer – Layer 5](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#session-layer-layer-5)
* [Presentation Layer – Layer 6](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#presentation-layer-layer-6)
* [Application Layer – Layer 7](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#application-layer-layer-7)
* [What is the Flow of Data in OSI Model?](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#what-is-the-flow-of-data-in-osi-model)
* [Advantages of OSI Model](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#advantages-of-osi-model)
* [OSI Model in a Nutshell](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#osi-model-in-a-nutshell)
* [OSI vs TCP/IP Model](https://www.geeksforgeeks.org/open-systems-interconnection-model-osi/#osi-vs-tcpip-model)