

Introduction to the OSI Model

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- The OSI model (Open System Interconnection) acts as a common platform for different operating systems so that they can interact with each other. It is divided into 7 layers.

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Encapsulation : process of attaching header and trailer with data so that an upper layer can communicate with the immediately lower layer.

- Decapsulation : process of removing header and trailer so that a lower layer can communicate with the immediately upper layer.

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The TCP-IP model or DOD model (Department Of Defence Model) is an alternative model to OSI built as follows :