

# Introduction to the OSI Model

## Contents

1. Overview .....	1
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## 1. Overview

### What is the OSI model?

It is the Open Systems Interconnection Reference Model, which describes how traffic moves from one part of the network to another.

### The OSI model is just a guideline

It is a broad description that covers how traffic moves, allowing us to communicate to other IT professionals in a way that we both understand.

### Unique protocols for every layer

The OSI model has 7 layers, and at each layer there are a set of protocols that depend on the kind of traffic going over the network.

- Layer 7 - Application
- Layer 6 - Presentation
- Layer 5 - Session
- Layer 4 - Transport
- Layer 3 - network
- Layer 2 - Data Link
- Layer 1 - Physical

A good way to remember it is to remember the mnemonic:

**All People Seem To Need Data Processing**