

ISO

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1 Introduction

The International Organization for Standardization is an international standard-setting body composed of representatives from various national standards organizations.

The organization develops and publishes worldwide technical, industrial and commercial standards

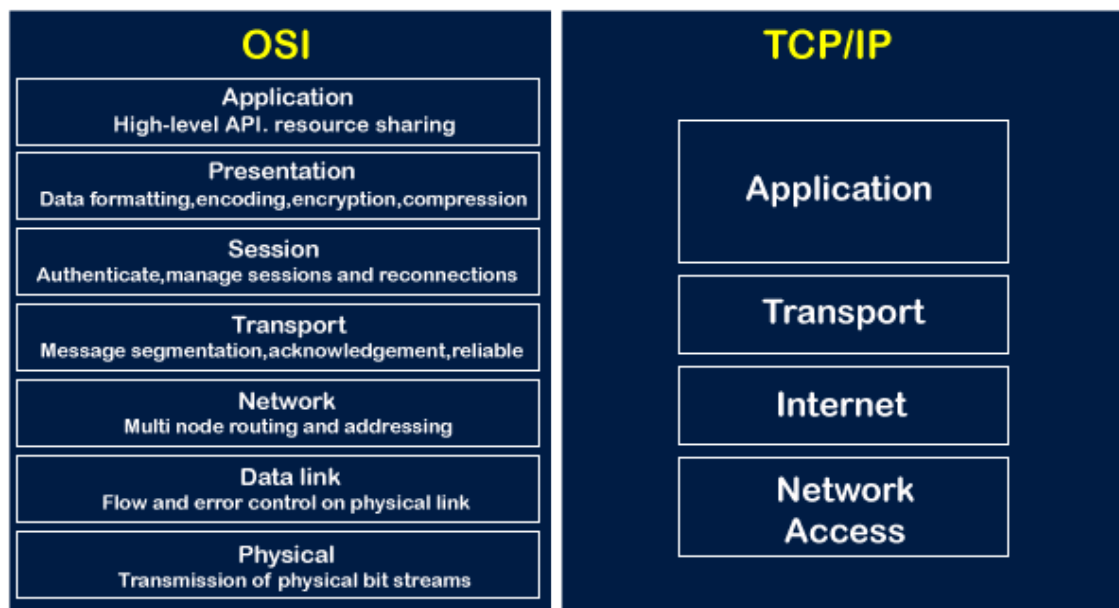
2 TCP-IP vs ISO

ISO holds lots of standards and when it comes to network it classifies 7 layers whereas TCP/IP (for practical reasons) has only 4 because 3 layers of the standard ISO are actually representing the same physical reality

Here goes a quick example.

It's called ISO/OSI and stands for Open Systems Interconnection Protocol and it's regulated by the International Organization of Standardization

OSI Model & TCP/IP



3 ISMS 27001

ISO/IEC 27001 is widely known, providing requirements for an information security management system (ISMS). It enables organizations manage the se-

curity of *assets* such as financial information, intellectual property, employee details or information entrusted by third parties

3.1 ISO 22301 and differences

ISO 22301 is an internationally recognised standard that is designed to allow businesses to implement, maintain and improve a business continuity management system (BCMS). The ISO 22301 standard helps you understand and prioritise threats to your organisation. Its BCMS specifies the steps you need to take to reduce the threat of disruption, protect your assets if something does go wrong, and recover quickly from any incidents.

ISO 27001 is much more prescriptive, with organisations required to choose which of the information security control objectives and controls should apply to their organisation and to justify any exclusions that they chose to adopt, and then deciding how they would implement any controls, with detailed guidance given in ISO 27002.

4 Environmental 14001

ISO 14001 sets the standard for Environmental Management Systems.

If you want to reduce waste management costs and demonstrate your commitment to protecting the environment, you need ISO 14001 certification. Implementing this global standard will also help you building trust with customers.

5 Quality 9001

ISO 9001 is used by businesses to continually monitor, manage and improve the quality of their products and services.

It is a powerful business improvement tool, providing the framework and guidance you need to help you consistently meet your customer's expectations and regulatory requirements.