

**TECHNICAL
SPECIFICATION**

**ISO/IEC TS
27100**

First edition
2020-12

**Information technology —
Cybersecurity — Overview and
concepts**



Reference number
ISO/IEC TS 27100:2020(E)

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Published in Switzerland

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Foreword

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *Information security, cybersecurity and privacy protection*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Cybersecurity is a broad term used differently through the world.

Cybersecurity concerns managing information security risks when information is in digital form in computers, storage and networks. Many of the information security controls, methods, and techniques can be applied to manage cyber risks.

ISO/IEC 27001 provides requirements for information security management systems. The focus of ISO/IEC 27001 is on security of information, and associated risks, within environments predominantly under the control of a particular organization. Cybersecurity focuses on the risks in cyberspace, an interconnected digital environment that can extend across organizational boundaries, and in which entities share information, interact digitally and have responsibility to respond to cybersecurity incidents.

Information technology — Cybersecurity — Overview and concepts

1 Scope

This document provides an overview of cybersecurity.

This document:

- describes cybersecurity and relevant concepts, including how it is related to and different from information security;
- establishes the context of cybersecurity;
- does not cover all terms and definitions applicable to cybersecurity; and
- does not limit other standards in defining new cybersecurity-related terms for use.

This document is applicable to all types and sizes of organization (e.g. commercial enterprises, government agencies, not-for-profit organizations).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 27000, *Information technology — Security techniques — Information security management systems — Overview and vocabulary*