

ISO/IEC 27017**Second edition
2026-07****Information security, cybersecurity
and privacy protection —
Information security controls based
on ISO/IEC 27002 for cloud services**

*Sécurité de l'information, cybersécurité et protection de la vie
privée — Contrôles de sécurité de l'information fondés sur l'ISO/
IEC 27002 pour les services du nuage*



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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*, in collaboration with ITU-T (as Rec. ITU-T X.1631), and in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/CLC/JTC 13, *Cybersecurity and Data Protection*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO/IEC 27017:2015 | Rec. ITU-T X.1631:2015), which has been technically revised.

The main changes are as follows:

- the title and the scope have been modified;
- the structure of the document has been changed, presenting the controls using a simple taxonomy and associated attributes;
- some controls have been merged, some have been removed and several new controls have been introduced.

This document has been given the status of a horizontal document in accordance with the ISO/IEC Directives, Part 1.

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The guidance contained within this document is aligned with and complements the guidance given in ISO/IEC 27002.

Specifically, this document provides guidance supporting the implementation of information security controls for cloud service customers (CSCs) and cloud service providers (CSPs). Some guidance is intended for CSCs who implement the controls and other guidance is for CSPs to support the implementation of those controls. The determination of the appropriate information security controls and the extent of the utilization of the guidance provided depends on the results of the relevant risk assessment and the existence of any legal, regulatory, contractual, or other cloud-computing specific information security requirements.