



SLOVENSKI STANDARD SIST EN ISO/IEC 27017:2026

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Nadomešča:

SIST EN ISO/IEC 27017:2021

Informacijska varnost, kibernetika varnost in varstvo zasebnosti - Nadzor informacijske varnosti, ki temelji na ISO/IEC 27002 za storitve v oblaku (ISO/IEC 27017:2026)

Information security, cybersecurity and privacy protection - Information security controls based on ISO/IEC 27002 for cloud services (ISO/IEC 27017:2026)

Informationssicherheit, Cybersicherheit und Schutz der Privatsphäre - Informationssicherheitsmaßnahmen auf der Grundlage von ISO/IEC 27002 für Cloud-Dienste (ISO/IEC 27017:2026)

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 (ISO/IEC 27017:2026)

Ta slovenski standard je istoveten z: EN ISO/IEC 27017:2026

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03.100.70	Sistemi vodenja	Management systems
35.030	Informacijska varnost	IT Security
35.210	Računalništvo v oblaku	Cloud computing

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EUROPEAN STANDARD

EN ISO/IEC 27017

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2026

ICS 35.030; 03.100.70

Supersedes EN ISO/IEC 27017:2021

English version

**Information security, cybersecurity and privacy protection
- Information security controls based on ISO/IEC 27002
for cloud services (ISO/IEC 27017:2026)**

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
(ISO/IEC 27017:2026)

Informationssicherheit, Cybersicherheit und Schutz
der Privatsphäre -
Informationssicherheitsmaßnahmen auf der Grundlage
von ISO/IEC 27002 für Cloud-Dienste (ISO/IEC
27017:2026)

This European Standard was approved by CEN on 2 July 2026.

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**CEN-CENELEC Management Centre:
Rue de la Science 23, B-1040 Brussels**

Contents	Page
European foreword.....	3

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European foreword

This document (EN ISO/IEC 27017:2026) has been prepared by Technical Committee ISO/IEC JTC 1 "Information technology" in collaboration with Technical Committee CEN-CENELEC/ JTC 13 "Cybersecurity and Data Protection" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2027, and conflicting national standards shall be withdrawn at the latest by February 2027.

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**International
Standard**

ISO/IEC 27017

**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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ISO/IEC 27017:2026(en)

Contents

Page

Foreword	vi
Introduction	vii
1 Scope	1
2 Normative references	1
3 Terms, definitions and abbreviated terms	1
3.1 Terms and definitions	1
3.2 Abbreviated terms	2
4 Guidance for using this document	2
4.1 Relation between this document and ISO/IEC 27002:2022	2
4.2 Structure of this document	3
4.3 Cloud computing specific concepts	3
4.3.1 Supplier relationships in cloud services	3
4.3.2 Relationships between CSCs and CSPs	3
4.3.3 Managing information security risks in cloud services	4
5 Cloud service specific guidance related to organizational controls	5
5.1 Policies for information security	5
5.2 Information security roles and responsibilities	6
5.3 Segregation of duties	6
5.4 Management responsibilities	6
5.5 Contact with authorities	6
5.6 Contact with special interest groups	6
5.7 Threat intelligence	7
5.8 Information security in project management	7
5.9 Inventory of information and other associated assets	7
5.10 Acceptable use of information and other associated assets	7
5.11 Return of assets	8
5.12 Classification of information	8
5.13 Labelling of information	8
5.14 Information transfer	8
5.15 Access control	8
5.16 Identity management	8
5.17 Authentication information	9
5.18 Access rights	9
5.19 Information security in supplier relationships	9
5.20 Addressing information security within supplier agreements	10
5.21 Managing information security in the ICT supply chain	10
5.22 Monitoring, review and change management of supplier services	11
5.23 Information security for use of cloud services	11
5.24 Information security incident management planning and preparation	11
5.25 Assessment and decision on information security events	11
5.26 Response to information security incidents	12
5.27 Learning from information security incidents	12
5.28 Collection of evidence	12
5.29 Information security during disruption	12
5.30 ICT readiness for business continuity	12
5.31 Legal, statutory, regulatory and contractual requirements	13
5.32 Intellectual property rights	14
5.33 Protection of records	14
5.34 Privacy and protection of PII	14
5.35 Independent review of information security	14
5.36 Compliance with policies, rules and standards for information security	15
5.37 Documented operating procedures	15
5.38 CLD - Shared roles and responsibilities within a cloud computing environment	15

ISO/IEC 27017:2026(en)

5.39	CLD - Agreement on the roles and responsibilities of the cloud service partner	16
6	Cloud service specific guidance related to people controls	17
6.1	Screening.....	17
6.2	Terms and conditions of employment.....	18
6.3	Information security awareness, education and training.....	18
6.4	Disciplinary process.....	18
6.5	Responsibilities after termination or change of employment.....	18
6.6	Confidentiality or non-disclosure agreements.....	18
6.7	Remote working.....	18
6.8	Information security event reporting.....	19
7	Cloud service specific guidance related to physical controls	19
7.1	Physical security perimeters.....	19
7.2	Physical entry	19
7.3	Securing offices, rooms and facilities	19
7.4	Physical security monitoring.....	19
7.5	Protecting against physical and environmental threats	19
7.6	Working in secure areas	19
7.7	Clear desk and clear screen.....	19
7.8	Equipment siting and protection	19
7.9	Security of assets off-premises.....	20
7.10	Storage media.....	20
7.11	Supporting utilities.....	20
7.12	Cabling security.....	20
7.13	Equipment maintenance.....	20
7.14	Secure disposal or re-use of equipment.....	20
8	Cloud service specific guidance related to technological controls	20
8.1	User endpoint devices	20
8.2	Privileged access rights.....	21
8.3	Information access restriction.....	21
8.4	Access to source code.....	21
8.5	Secure authentication.....	21
8.6	Capacity management.....	22
8.7	Protection against malware.....	22
8.8	Management of technical vulnerabilities.....	22
8.9	Configuration management.....	23
8.10	Information deletion	23
8.11	Data masking.....	24
8.12	Data leakage prevention	24
8.13	Information backup.....	24
8.14	Redundancy of information processing facilities.....	25
8.15	Logging.....	25
8.16	Monitoring activities.....	26
8.17	Clock synchronization	26
8.18	Use of privileged utility programs.....	27
8.19	Installation of software on operational systems.....	27
8.20	Network security.....	27
8.21	Security of network services.....	27
8.22	Segregation of networks.....	28
8.23	Web filtering.....	28
8.24	Use of cryptography	28
8.25	Secure development life cycle.....	28
8.26	Application security requirements.....	29
8.27	Secure system architecture and engineering principles.....	29
8.28	Secure coding.....	29
8.29	Security testing in development and acceptance.....	29
8.30	Outsourced development.....	29
8.31	Separation of development, test and production environments.....	29

ISO/IEC 27017:2026(en)

8.32	Change management.....	29
8.33	Test information.....	30
8.34	Protection of information systems during audit and testing.....	30
8.35	CLD - Segregation in virtual computing environments.....	30
8.36	CLD - Detection and prevention of unauthorized use of cloud services.....	31
Annex A (Informative) Correspondence between this document and the first edition (ISO/IEC 27017:2015).....		33
Annex B (informative) Monitoring of cloud services		38
Bibliography		39

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ISO/IEC 27017:2026(en)

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives or www.iec.ch/members_experts/refdocs).

ISO and IEC draw attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO and IEC take no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO and IEC had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents and <https://patents.iec.ch>. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html. In the IEC, see www.iec.ch/understanding-standards.

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.

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 and www.iec.ch/national-committees.

ISO/IEC 27017:2026(en)**Introduction**

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.

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Information security, cybersecurity and privacy protection — Information security controls based on ISO/IEC 27002 for cloud services

1 Scope

This document provides guidance for information security controls, based on ISO/IEC 27002, applicable to the provision and use of cloud services. This document provides:

- additional guidance for relevant controls specified in ISO/IEC 27002:2022;
- additional controls with guidance that specifically relate to cloud services.

This document provides controls and guidance for cloud service customers (CSCs) and cloud service providers (CSPs).

This document is considered to be a horizontal document as it provides a foundation and a common understanding of security regarding the provision and use of cloud services.

NOTE This document applies to all types of cloud deployment models including the private cloud. When applying this document to the private cloud, the controls and guidance of this document are applicable, although adjustments can be necessary to adapt to the relationships and abilities of an organization's internal departments.

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 22123-1, *Information technology — Cloud computing — Part 1: Vocabulary*

ISO/IEC 27002:2022, *Information security, cybersecurity and privacy protection — Information security controls*

3 Terms, definitions and abbreviated terms

3.1 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 27002, ISO/IEC 22123-1 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1.1

capability

ability to perform a specific activity

[SOURCE: ISO 19440:2020, 3.5]