
Informacijska varnost, kibernetika varnost in varstvo zasebnosti - Smernice za presojanje sistemov upravljanja informacijske varnosti (ISO/IEC 27007:2020)

Information security, cybersecurity and privacy protection - Guidelines for information security management systems auditing (ISO/IEC 27007:2020)

Informationstechnik - Sicherheitsverfahren - Leitfäden für das Auditieren von Informationssicherheitsmanagementsystemen (ISO/IEC 27007:2020)

Sécurité de l'information, cybersécurité et protection des données privées - Lignes directrices pour l'audit des systèmes de management de la sécurité de l'information (ISO/IEC 27007:2020)

Ta slovenski standard je istoveten z: ISO EN ISO/IEC 27007:2022

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ICS:

03.100.70	Sistemi vodenja	Management systems
03.120.20	Certificiranje proizvodov in podjetij. Ugotavljanje skladnosti	Product and company certification. Conformity assessment
35.030	Informacijska varnost	IT Security

SIST EN ISO/IEC 27007:2022**en,fr,de**

EUROPEAN STANDARD

EN ISO/IEC 27007

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2022

ICS 03.120.20; 35.030

English version

Information security, cybersecurity and privacy protection - Guidelines for information security management systems auditing (ISO/IEC 27007:2020)

Sécurité de l'information, cybersécurité et protection
des données privées - Lignes directrices pour l'audit
des systèmes de management de la sécurité de
l'information (ISO/IEC 27007:2020)

Informationstechnik - Sicherheitsverfahren - Leitfäden
für das Auditieren von
Informationssicherheitsmanagementsystemen
(ISO/IEC 27007:2020)

This European Standard was approved by CEN on 26 December 2021.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 26 January 2022.

CEN and CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN and CENELEC member.

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European foreword

The text of ISO/IEC 27007:2020 has been prepared by Technical Committee ISO/IEC JTC 1 "Information technology" of the International Organization for Standardization (ISO) and has been taken over as EN ISO/IEC 27007:2022 by 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 July 2022, and conflicting national standards shall be withdrawn at the latest by July 2022.

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Endorsement notice

The text of ISO/IEC 27007:2020 has been approved by CEN-CENELEC as EN ISO/IEC 27007:2022 without any modification.

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INTERNATIONAL STANDARD

ISO/IEC 27007

Third edition
2020-01

Information security, cybersecurity and privacy protection — Guidelines for information security management systems auditing

*Sécurité de l'information, cybersécurité et protection des données
privées — Lignes directrices pour l'audit des systèmes de
management de la sécurité de l'information*

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Reference number
ISO/IEC 27007:2020(E)

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Published in Switzerland

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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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents) or the IEC list of patent declarations received (see <http://patents.iec.ch>).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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.

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

This third edition cancels and replaces the second edition (ISO/IEC 27007:2017), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the document has been aligned with ISO 19011:2018;
- the Introduction has been reworded and expanded;
- in 5.1, the entire text has been removed;
- in 5.2.2, the former item d) has been removed;
- in 5.3, the entire text has been removed;
- in 5.5.2.2, the former item b) and a paragraph below has been removed;
- in 6.5.2.2, the first paragraph has been removed and the NOTE reworded.

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.

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Introduction

An information security management system (ISMS) audit can be conducted against a range of audit criteria, separately or in combination, including but not limited to:

- requirements defined in ISO/IEC 27001:2013;
- policies and requirements specified by relevant interested parties;
- statutory and regulatory requirements;
- ISMS processes and controls defined by the organization or other parties;
- management system plan(s) relating to the provision of specific outputs of an ISMS (e.g. plans to address risks and opportunities when establishing ISMS, plans to achieve information security objectives, risk treatment plans, project plans).

This document provides guidance for all sizes and types of organizations and ISMS audits of varying scopes and scales, including those conducted by large audit teams, typically of larger organizations, and those by single auditors, whether in large or small organizations. This guidance should be adapted as appropriate to the scope, complexity and scale of the ISMS audit programme.

This document concentrates on ISMS internal audits (first party) and ISMS audits conducted by organizations on their external providers and other external interested parties (second party). This document can also be useful for ISMS external audits conducted for purposes other than third party management system certification. ISO/IEC 27006 provides requirements for auditing ISMS for third party certification; this document can provide useful additional guidance.

This document is to be used in conjunction with the guidance contained in ISO 19011:2018.

This document follows the structure of ISO 19011:2018.

ISO 19011:2018 provides guidance on the management of audit programmes, the conduct of internal or external audits of management systems, as well as on the competence and evaluation of management system auditors.

[Annex A](#) provides guidance for ISMS auditing practices along with requirements of ISO/IEC 27001:2013, Clauses 4 to 10.

Information security, cybersecurity and privacy protection — Guidelines for information security management systems auditing

1 Scope

This document provides guidance on managing an information security management system (ISMS) audit programme, on conducting audits, and on the competence of ISMS auditors, in addition to the guidance contained in ISO 19011.

This document is applicable to those needing to understand or conduct internal or external audits of an ISMS or to manage an ISMS audit programme.

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 19011:2018, *Guidelines for auditing management systems*

ISO/IEC 27000:2018, *Information technology — Security techniques — Information security management systems — Overview and vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 19011 and ISO/IEC 27000 apply.

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

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

4 Principles of auditing

The principles of auditing of ISO 19011:2018, Clause 4, apply.

5 Managing an audit programme

5.1 General

The guidelines of ISO 19011:2018, 5.1, apply.

5.2 Establishing audit programme objectives

5.2.1 The guidelines of ISO 19011:2018, 5.2, apply. In addition, the guidance in [5.2.2](#) applies.

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5.2.2 ISMS-specific considerations for determining audit¹⁾ programme objectives can include:

- a) identified information security requirements;
- b) requirements of ISO/IEC 27001;
- c) auditee's level of performance, as reflected in the occurrence of information security events and incidents and effectiveness of the ISMS;

NOTE Further information about performance monitoring, measurement, analysis and evaluation can be found in ISO/IEC 27004.

- d) information security risks to the relevant parties, i.e. the auditee and audit client.

Examples of ISMS-specific audit programme objectives include:

- demonstrate conformity with all relevant legal and contractual requirements and other requirements and their security implications;
- obtain and maintain confidence in the risk management capability of the auditee;
- evaluate the effectiveness of the actions to address information security risks and opportunities.

5.3 Determining and evaluating audit programme risks and opportunities

5.3.1 The guidelines of ISO 19011:2018, 5.3, apply.

5.3.2 Measures to ensure information security and confidentiality should be determined considering auditees and other relevant party requirements. Other party requirements can include relevant legal and contractual requirements.

5.4 Establishing audit programme

5.4.1 Roles and responsibilities of the individual(s) managing audit programme

The guidelines of ISO 19011:2018, 5.4.1, apply. In addition, the guidance in 5.4.1.2 applies.

5.4.2 Competence of individual(s) managing audit programme

The guidelines of ISO 19011:2018, 5.4.2, apply.

5.4.3 Establishing extent of the audit programme

5.4.3.1 The guidelines of ISO 19011:2018, 5.4.3, apply. In addition, the guidance in [5.4.3.2](#) applies.

5.4.3.2 The extent of an audit programme can include the following:

- a) the size of the ISMS, including:
 - 1) the total number of persons doing work under the organization's control and relationships with interested parties and contractors that are relevant to the ISMS;
 - 2) the number of information systems;

1) For the purpose of this document, the term “audit” refers to ISMS audits.