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Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Requirements and methodology for IT security evaluation (ISO/IEC 18045:2026)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English version

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Requirements and methodology for IT security evaluation (ISO/IEC 18045:2026)

Sécurité de l'information, cybersécurité et protection de la vie privée - Critères d'évaluation pour la sécurité des technologies de l'information - Exigences et méthodologie pour l'évaluation de sécurité (ISO/IEC 18045:2026)

Informationssicherheit, Cybersicherheit und Schutz der Privatsphäre - Evaluationskriterien für IT-Sicherheit - Methodik für die Bewertung der IT-Sicherheit (ISO/IEC 18045:2026)

This European Standard was approved by CEN on 3 March 2026.

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European foreword

This document (EN ISO/IEC 18045:2026) 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of an identical text or by endorsement, at the latest by November 2026, and conflicting national standards shall be withdrawn at the latest by November 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN-CENELEC shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO/IEC 18045:2026 has been approved by CEN-CENELEC as EN ISO/IEC 18045:2026 without any modification.

International Standard

ISO/IEC 18045

Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Requirements and methodology for IT security evaluation

Sécurité de l'information, cybersécurité et protection de la vie privée — Critères d'évaluation pour la sécurité des technologies de l'information — Exigences et méthodologie pour l'évaluation de sécurité

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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 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 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 fourth edition cancels and replaces the third edition (ISO/IEC 18045:2022), which has been technically revised.

The main changes are as follows:

— the document has been aligned with changes to the ISO/IEC 15408 series;

— technical changes have been introduced:

— the terminology has been reviewed and updated;

— the work units for each component have been reviewed and updated.

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.

Introduction

The target audience for this document is primarily evaluators applying the ISO/IEC 15408 series and certifiers confirming evaluator actions.

The following can be a secondary audience:

— evaluation sponsors,

— developers,

— protection profile (PP), PP-Module, PP-Configuration, and security target (ST) authors,

— other parties interested in IT security.

This document is not intended to answer all questions concerning IT security evaluation and further interpretations can be needed. Individual schemes determine how to handle such interpretations, although these can be subject to mutual recognition agreements. A list of methodology-related activities that can be handled by individual schemes can be found in Annex A.

This document is intended to be used in conjunction with the ISO/IEC 15408 series.

This document uses bold italic type face to identify special verbs relating to mandatory evaluation activities.

Several governmental organizations have contributed to the development of this version of the Common Methodology for Information Technology Security Evaluations. As the joint holders of the copyright in the Common Methodology for Information Technology Security Evaluations (called CEM), they hereby grant non-exclusive license to ISO/IEC to use CEM in the continued development/maintenance of the ISO/IEC 18045 International Standard. However, these governmental organizations retain the right to use, copy, distribute, translate, or modify CEM as they see fit. More information on these agencies can be found at https://commoncriterialportal.org//cc/copyright/index.cfm.

International Standard **ISO/IEC 18045:2026(en)**

Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Requirements and methodology for IT security evaluation

1 Scope

This document specifies requirements and the minimum actions performed by an evaluator in order to conduct an evaluation using the criteria and evaluation evidence defined in the ISO/IEC 15408 series evaluation.

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 15408-1:2026, *Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 1: Introduction and general model*

ISO/IEC 15408-2:2026, *Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 2: Security functional components*

ISO/IEC 15408-3:2026, *Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 3: Security assurance components*

ISO/IEC 15408-4:2026, *Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 4: Framework for the specification of evaluation methods and activities*

ISO/IEC 15408-5:2026, *Information security, cybersecurity and privacy protection - Evaluation criteria for IT security — Part 5: Pre-defined packages of security requirements*

ISO/IEC/IEEE 24765:2017, *Systems and software engineering — Vocabulary*