

STN	Informačná bezpečnosť, kybernetická bezpečnosť a ochrana súkromia Kritériá na hodnotenie bezpečnosti IT Metodika na hodnotenie bezpečnosti IT (ISO/IEC 18045: 2026)	STN EN ISO/IEC 18045 97 4111
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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.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/26

Obsahuje: EN ISO/IEC 18045:2026, ISO/IEC 18045:2026

Oznámením tejto normy sa ruší
STN EN ISO/IEC 18045 (97 4111) z januára 2024

EUROPEAN STANDARD

EN ISO/IEC 18045

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2026

ICS 35.030

Supersedes EN ISO/IEC 18045:2023

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)

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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.

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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*

**Fourth edition
2026-05**

ISO/IEC 18045:2026(en)



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Published in Switzerland

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ISO/IEC 18045:2026(en)**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*, 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.

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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.

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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*

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