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Informacijska varnost, kibernetika varnost in varovanje zasebnosti - Merila za ocenjevanje varnosti IT - Metodologija za ocenjevanje varnosti IT (ISO/IEC 18045:2022)

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Methodology for IT security evaluation (ISO/IEC 18045:2022)

Informationssicherheit, Cybersicherheit und Schutz der Privatsphäre - Evaluationskriterien für IT-Sicherheit - Methodik für die Bewertung der IT-Sicherheit (ISO/IEC 18045:2022)

Sécurité de l'information, cybersécurité et protection de la vie privée - Critères d'évaluation pour la sécurité des technologies de l'information - Méthodologie pour l'évaluation de sécurité (ISO/IEC 18045:2022)

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**Information security, cybersecurity
and privacy protection — Evaluation
criteria for IT security — 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 — Méthodologie pour l'évaluation de sécurité*

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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*.

This third edition cancels and replaces the second edition (ISO/IEC 18045:2008), which has been technically revised.

The main changes are as follows:

- the exact conformance type has been introduced;
- low assurance PPs have been removed and direct rationale PPs have been introduced;
- PP-modules and PP-configurations for modular evaluations have been introduced;
- multi-assurance evaluation has been introduced.

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.

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Australia	The Australian Signals Directorate
Canada	Communications Security Establishment
France	Agence Nationale de la Sécurité des Systèmes d'Information
Germany	Bundesamt für Sicherheit in der Informationstechnik
Japan	Information-technology Promotion Agency
Netherlands	Netherlands National Communications Security Agency
New Zealand	Government Communications Security Bureau
Republic of Korea	National Security Research Institute
Spain	Ministerio de Asuntos Económicos y Transformación Digital
Sweden	FMV, Swedish Defence Materiel Administration
United Kingdom	National Cyber Security Centre
United States	The National Security Agency

Introduction

The target audience for this document is primarily evaluators applying the ISO/IEC 15408 series and certifiers confirming evaluator actions. Evaluation sponsors, developers, protection profile (PP), PP-Module, PP-Configuration, and security target (ST) authors, and other parties interested in IT security, can be a secondary audience.

This document cannot answer all questions concerning IT security evaluation and further interpretations may 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.

NOTE 1 Reference throughout the document to ISO/IEC 15408 implies the ISO/IEC 15408 series.

NOTE 2 This document uses bold and italic type in some cases to distinguish terms from the rest of the text. The relationship between components within a family is highlighted using a bolding convention. This convention calls for the use of bold type for all new requirements. For hierarchical components, requirements are presented in bold type when they are enhanced or modified beyond the requirements of the previous component. In addition, any new or enhanced permitted operations beyond the previous component are also highlighted using bold type.

The use of italics indicates text that has a precise meaning. For security assurance requirements the convention is for special verbs relating to evaluation.

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