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2025-09

Information security, cybersecurity and privacy protection — A framework for identity management —

Part 3: Practice

Sécurité de l'information, cybersécurité et protection de la vie privée — Cadre pour la gestion de l'identité —

Partie 3: Mise en œuvre

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Horizontal document

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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 second edition cancels and replaces the first edition (ISO/IEC 24760-3:2016), which has been technically revised. It also incorporates the Amendment ISO/IEC 24760-3:2016/Amd 1:2023.

The main changes are as follows:

— title has been updated;

— the document has been editorially revised.

A list of all parts in the ISO/IEC 24760 series can be found on the ISO website.

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.

Introduction

Data processing systems commonly gather a range of information on their users, be it a person, piece of equipment, or piece of software connected to them, and make decisions based on the gathered information. Such identity-based decisions can concern access to applications or other resources.

To address the need to efficiently and effectively implement systems that make identity-based decisions, the ISO/IEC 24760 series specifies a framework for the issuance, administration, and use of data that serves to characterize individuals, organizations or information technology components, which operate on behalf of individuals or organizations.

For many organizations, the proper management of identity information is crucial for maintaining security within organizational processes. For individuals, correct identity management is important for protecting privacy.

The ISO/IEC 24760 series specifies fundamental concepts and operational structures for identity management and provides a framework on which information systems can meet business, contractual, regulatory, and legal obligations.

This document specifies practices for identity management. These practices cover assurance in controlling identity information use, controlling the access to identity information and other resources based on identity information, and controlling objectives that should be implemented when establishing and maintaining an identity management system.

This document is intended to provide a foundation for the practices for identity management in other international standards related to identity information processing including other parts of the ISO/IEC 24760 series, ISO/IEC 29100, ISO/IEC 29101, ISO/IEC 29115, and ISO/IEC 29146.

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Part 3: Practice

1 Scope

This document:

— provides requirements and guidance for the management of identity information and for ensuring that an identity management system conforms to ISO/IEC 24760-1 and ISO/IEC 24760-2;

— is applicable to any information system where information relating to identity is processed or stored;

— is considered to be a horizontal document for the following reasons:

  — it applies concepts such as distinguishing the term "identity" from the term "identifier" on the implementation of systems for the management of identity information and on the requirements for the implementation and operation of a framework for identity management,

  — it provides an important contribution to assess identity management systems with regard to their privacy-friendliness and their ability to assure the relevant attributes of an identity, and consequently it provides a foundation and a common understanding for any other standard addressing identity, identity information, and identity management.

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 24760-1:2025, *Information security, cybersecurity and privacy protection — A framework for identity management — Part 1: Core concepts and terminology*

ISO/IEC 24760-2, *Information security, cybersecurity and privacy protection — A framework for identity management — Part 2: Reference architecture and requirements*