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AMENDMENT 1
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Information technology — Security techniques — A framework for access management

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Technologies de l'information — Techniques de sécurité — Cadre pour gestion d'accès

AMENDEMENT 1

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Clause 2

Replace ISO/IEC 24760-1:2011 with ISO/IEC 24760-1:2019.

Annex A

Change the title to:

Common access control models

A.2.4

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Change the title of the subclause to:

Identifier-based access control (IBAC)

Replace the whole text with the following:

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An identifier-based access control model, idiomatically called “identity-based security”, is based on the authenticated identifier in this document. This model employs mechanisms such as the access control list (ACL) which contains the identifiers of subjects together with corresponding operations allowed or denied to the resource. In this model, functions of PDP and PEP are configured on an ACL which maps subject identifiers to authorized resource access operations.

In IBAC systems’ administration, subject’s accounts should be registered and configured via the ACL to reflect the access privileges assigned to that subject. In subsequent usage of the IBAC system, registered subjects shall first authenticate themselves to the system – possibly using an authentication token issued from the system. Following a successful authentication, the system binds the authenticated subject to the corresponding identifier in the ACL, that identifier being deemed the “authenticated identifier” for the permitted duration of the authorized access.

A.2.8

Delete the subclause.

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