DRAFT AMENDMENT

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Information technology — Security techniques — Hash-functions —

Part 1:
General

AMENDMENT 1: Padding methods for sponge functions

Technologies de l'information — Techniques de sécurité — Fonctions de hachage —

Partie 1: Généralités

AMENDEMENT 1

ICS: 35.030

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This document was prepared by Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *Information security, cybersecurity and privacy protection.*

This amendment applies to the third edition (ISO/IEC 10118-1:2016), which has been technically revised.

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Information technology — Security techniques — Hash-functions —

Part 1: General

AMENDMENT 1: Padding methods for sponge functions

AA: Page 6, Annex A

Change this annex to be informative.

BB: Page 6, Clause A.1

Replace last sentence of Paragraph 1 with the following:

Three methods are presented in this annex.

CC: Page 6, After Clause A.3

Add the following Clause A.4:

A.4 Method 3 -- Pad10*1

The data D for which the hash-code is to be calculated is padded using the following procedure:

a) D is concatenated with a single '1' bit.

b) The result of the previous step is concatenated with (-m - 2) modulo L_1 '0' bits, where m is the original length of D.

c) Append the single bit '1', yielding the padded version of D.