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Information security — Lightweight cryptography —

Part 2: Block ciphers

Sécurité de l'information — Cryptographie pour environnements contraints —

Partie 2: Chiffrements par blocs



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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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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 second edition cancels and replaces the first edition (ISO/IEC 29192-2:2012), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the LEA algorithm has been added to [6.3](#);
- numerical examples and feature tables of LEA have been added to [B.3](#) and [Annex C](#).

A list of all parts in the ISO/IEC 29192 series can be found on the ISO website.

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Introduction

ISO/IEC 29192-1 specifies the requirements for lightweight cryptography.

A block cipher maps blocks of n bits to blocks of n bits, under the control of a key of k bits.

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