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INCITS/ISO/IEC 29192-5:2016 (2019)

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*Information technology -- Security techniques --
- Lightweight cryptography -- Part 5: Hash-
functions*

Developed by



Where IT all begins



INCITS/ISO/IEC 29192-5:2016 (2019)

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Part 5: Hash-functions

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Partie 5: Fonctions de hachage

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Foreword

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The committee responsible for this document is ISO/IEC JTC 1, *Information technology, SC 27, IT Security techniques*.

ISO/IEC 29192 consists of the following parts, under the general title *Information technology — Security techniques — Lightweight cryptography*:

- *Part 1: General*
- *Part 2: Block ciphers*
- *Part 3: Stream ciphers*
- *Part 4: Mechanisms using asymmetric techniques*
- *Part 5: Hash-functions*

Further parts may follow.

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Introduction

This part of ISO/IEC 29192 specifies lightweight hash-functions, which are tailored for implementation in constrained environments.

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

A hash-function maps an arbitrary string of bits to a fixed-length string of bits.

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