

Australian/New Zealand Standard™

**Information technology—Security
techniques—Entity authentication**

**Part 4: Mechanisms using a
cryptographic check function**



AS/NZS ISO/IEC 9798.4:2008

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee IT-012, Information Systems, Security and Identification Technology. It was approved on behalf of the Council of Standards Australia on 28 May 2008 and on behalf of the Council of Standards New Zealand on 31 May 2008. This Standard was published on 25 June 2008.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT-012, Information Systems, Security and Identification Technology.

This Standard is identical with, and has been reproduced from ISO/IEC 9798-4:1999, *Information technology—Security techniques—Entity authentication*, Part 4: *Mechanisms using a cryptographic check function*.

The objective of this Standard is to provide the Information security management community with detailed guidance on the background, techniques and procedures of entity authentication mechanisms using a cryptographic check function.

This Standard is Part 4 of AS/NZS ISO/IEC 9798, *Information technology—Security techniques—Entity authentication*, which is published in parts as follows:

AS/NZS ISO/IEC

9798	Information technology—Security techniques—Entity authentication
9798.1	Part 1: General
9798.2	Part 2: Mechanisms using symmetric encipherment algorithms
9798.3	Part 3: Mechanisms using digital signature techniques
9798.4	Part 4: Mechanisms using a cryptographic check function (this Standard)
9798.5	Part 5: Mechanisms using zero-knowledge techniques
9798.6	Part 6: Mechanisms based on manual data transfer

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- (a) Its number appears on the cover and title page while the international standard number appears only on the cover.
- (b) In the source text ‘this part of ISO/IEC 9798’ should read ‘this Australian/New Zealand Standard’.
- (c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>	<i>Australian Standard</i>
ISO/IEC	AS/NZS ISO/IEC
9798 Information technology—Security techniques—Entity authentication	9798 Information technology—Security techniques—Entity authentication
9798-1 Part 1: General	9798.1 Part 1: General

Only international references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

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