

BS ISO/IEC 20009-1:2013



BSI Standards Publication

Information technology — Security techniques — Anonymous entity authentication

Part 1: General

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National foreword

This British Standard is the UK implementation of ISO/IEC 20009-1:2013.

The UK participation in its preparation was entrusted to Technical Committee IST/33, IT - Security techniques.

A list of organizations represented on this committee can be obtained on request to its secretary.

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**Information technology — Security
techniques — Anonymous entity
authentication —**

**Part 1:
General**

*Technologies de l'information — Techniques de sécurité —
Authentification d'entité anonyme —*

Partie 1: Généralités





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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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ISO/IEC 20009-1 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *IT Security techniques*.

ISO/IEC 20009 consists of the following parts, under the general title *Information technology — Security techniques — Anonymous entity authentication*:

- *Part 1: General*
- *Part 2: Mechanisms based on signatures using a group public key*

The following parts are under preparation:

- *Part 3: Mechanisms based on blind signatures*
- *Part 4: Mechanisms based on weak secrets*

Further parts may follow.