
**Information technology — Security
techniques — Code of practice for
information security controls based on
ISO/IEC 27002 for cloud services**

*Technologies de l'information — Techniques de sécurité — Code de
pratique pour les contrôles de sécurité de l'information fondés sur
l'ISO/IEC 27002 pour les services du nuage*



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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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 27017 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *IT Security techniques*, in collaboration with ITU-T. The identical text is published as ITU-T. X.1631 (07/2015).

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.1631

(07/2015)

SERIES X: DATA NETWORKS, OPEN SYSTEM
COMMUNICATIONS AND SECURITY

Cloud computing security – Cloud computing security
design

**Information technology – Security techniques –
Code of practice for information security
controls based on ISO/IEC 27002 for cloud
services**

Recommendation ITU-T X.1631

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For further details, please refer to the list of ITU-T Recommendations.

Information technology – Security techniques – Code of practice for information security controls based on ISO/IEC 27002 for cloud services

Summary

Recommendation ITU-T X.1631 | ISO/IEC 27017 provides guidelines for information security controls applicable to the provision and use of cloud services by providing:

- additional implementation guidance for relevant controls specified in ISO/IEC 27002;
- additional controls with implementation guidance that specifically relate to cloud services.

This Recommendation | International Standard provides controls and implementation guidance for both cloud service providers and cloud service customers.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T X.1631	2015-07-14	17	11.1002/1000/12490

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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国际标准 ISO/IEC 27017:2015
第一版 2015-12-15

信息技术 安全技术 基于 ISO/IEC 27002 的云服务信息安全控制实践规范

国际标准化组织、国际电工委员会

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前言

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国际标准是根据ISO/IEC指令第2部分中给出的规则起草的。

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ISO/IEC 27017是由联合技术委员会ISO/IEC JTC 1，*信息技术*，小组委员会SC 27，*IT安全技术*，与ITU-T合作编写。相同的文本以ITU-T.X.1631 (07/2015)。

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更多细节，请参考ITU-T建议列表。

序言

国际电信联盟（ITU）是联合国在电信、信息和通信技术（ICTs）领域的专门机构。ITU电信标准化部门（ITU-T）是ITU的一个常设机构。ITU-T负责研究技术、操作和关税问题，并就这些问题发布建议，以便在全球范围内实现电信标准化。

世界电信标准化大会（WTSA）每四年召开一次，确定ITU-T研究小组的研究主题，而这些研究小组又会就这些主题提出建议。

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