
**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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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).

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ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
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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.

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Introduction

The guidelines contained within this Recommendation | International Standard are in addition to and complement the guidelines given in ISO/IEC 27002.

Specifically, this Recommendation | International Standard provides guidelines supporting the implementation of information security controls for cloud service customers and cloud service providers. Some guidelines are for cloud service customers who implement the controls, and others are for cloud service providers to support the implementation of those controls. The selection of appropriate information security controls and the application of the implementation guidance provided, will depend on a risk assessment and any legal, contractual, regulatory or other cloud-sector specific information security requirements.