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**Cloud computing and distributed
platforms — Data flow, data categories
and data use —**

Part 2:
**Guidance on application and
extensibility**



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives or www.iec.ch/members_experts/refdocs).

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This document was prepared by Technical Committee, ISO/IEC JTC 1, *Information technology*, Subcommittee SC 38, *Cloud computing and distributed platforms*.

A list of all parts in the ISO/IEC 19944 series can be found on the ISO and IEC websites.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

Introduction

ISO/IEC 19944-1 provides a data taxonomy, data processing and use categories and other descriptive facets that can be applied to data. All aspects of ISO/IEC 19944-1 are extensible to meet the needs of diverse users. The standardized ability to categorize data, describe uses of data and apply other facets is useful in several scenarios including the application of policy to data and in describing the use of data to stakeholders.

The aim of this document is to assist users of ISO/IEC 19944-1 by providing examples and guidance for its use across several domains. Additionally, this document provides users who need to extend ISO/IEC 19944-1 with examples and guidance.

Cloud computing and distributed platforms — Data flow, data categories and data use —

Part 2: Guidance on application and extensibility

1 Scope

This document provides guidance on the application of the taxonomy and use statements from ISO/IEC 19944-1 in real world scenarios, and how to develop extensions to the data taxonomy, data processing and use categories and data use statements.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 19944-1:2020, *Cloud computing and distributed platforms — Data flow, data categories and data use — Part 1: Fundamentals*

ISO/IEC 22123-1, *Information technology — Cloud computing — Part 1: Vocabulary*

ISO/IEC 22989,¹⁾ *Information technology — Artificial intelligence — Artificial intelligence concepts and terminology*

1) Under preparation. Stage at the time of publication: ISO/IEC FDIS 22989.