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**Information technology — Cloud
computing and distributed platforms
— Data sharing agreement (DSA)
framework**



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Foreword

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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*.

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

For decades, organizations regarded data and its processing as an expense, necessary to business operations but not an opportunity. What has changed recently is the realization of the value of data and the added value that can potentially be generated by combining datasets. Artificial Intelligence (AI), Big Data, analytics, and cloud computing are making this value proposition much more obvious and the emergence of Internet of Things (IoT) is further driving the economic opportunities around data. Data is the raw material for AI, a key component of the fourth industrial revolution.

Sharing datasets to create combined datasets can have several technical, business, and regulatory challenges. One challenge is the lack of a common language to describe data sharing concepts across the entire data lifecycle and the lack of guidance for developing data sharing agreements (DSAs). This document offers standardized terminology for data sharing along with common building blocks that can be used in the development of DSAs. The aim of the project is to reduce the time and cost required to initiate data sharing projects.

[Figure 1](#) illustrates the structure of this document, representing the Data Sharing Framework as defining both Data Qualitative Objectives (DQOs) and Data Level Objectives (DLOs) over six distinct aspects of data sharing. Each aspect is described in a separate section.

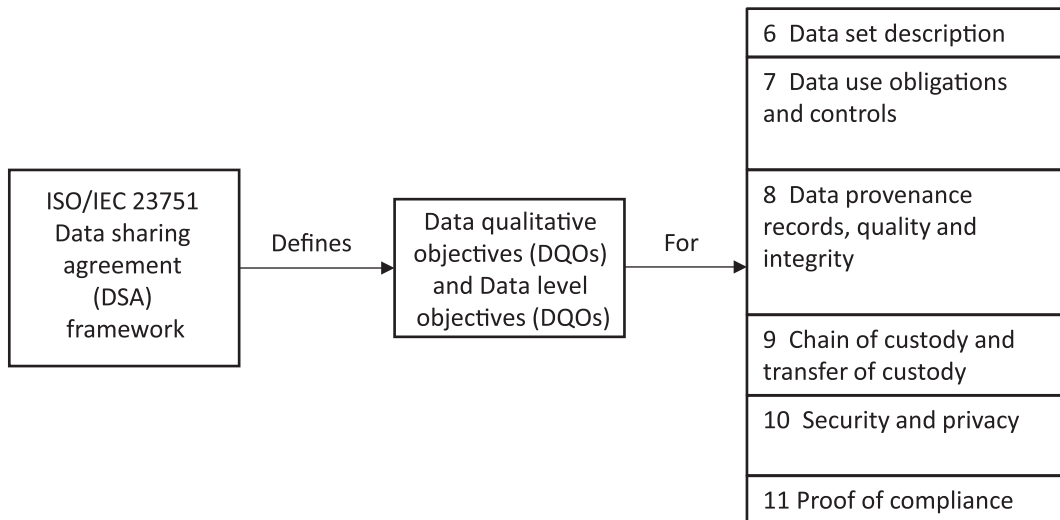


Figure 1 — Structure of this document

Information technology — Cloud computing and distributed platforms — Data sharing agreement (DSA) framework

1 Scope

This document establishes a set of building blocks, i.e. concepts, terms, and definitions, including Data Level Objectives (DLOs) and Data Qualitative Objectives (DQOs), that can be used to create Data Sharing Agreements (DSAs). This document is applicable to DSAs where the data is intended to be processed using one or more cloud services or other distributed platforms.

2 Normative references

There are no normative references in this document.