मसौदा भारतीय मानक
सूचना प्रौद्योगिकी क्लाउड कम्प्यूटिंग
भाग 1 शब्दाव
(पहला पुनरीक्षण)

Draft Indian Standard
Information Technology — Cloud Computing
Part 1: Vocabulary
(First Revision)

ICS 35.210, 01.040.35

Cloud Computing, IT & Data Centers Sectional Committee, LITD 31	Last Date for Comments: 24 October 2025

NATIONAL FOREWORD

(Formal clauses will be added later)

This draft Indian Standard (Part 1) (First Revision) which is identical to 'ISO/IEC 22123-1:2023 Information technology — Cloud computing Part 1: Vocabulary' issued by the International Organization Standardization (ISO) and International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards (BIS) on the recommendations of the Cloud Computing, IT & Data Centers Sectional Committee and approval of the Electronics and Information Technology Division Council.

This standard was first published in 2022 and was identical with ISO/IEC 22123 (Part 1): 2021. The first revision of this standard has been undertaken to align it with the latest version of ISO/IEC 22123-1:2023.

The main changes are as follows:

— the definition for hybrid cloud was changed;

— definitions for CSC role, CSP role, and CSN role were added;

— the definitions for CSC, CSP, and CSN were revised to leverage CSC role, CSP role, and CSN role, respectively;

— the ISO/IEC 27000 definitions for confidentiality, integrity, and information security were removed;

— the definition of inter-cloud computing was changed;

— terms relating to multi-cloud were added;

— peer cloud service and peer cloud service provider were replaced with secondary cloud service and secondary cloud service provider, respectively; and

— terms relating to multiplicity and organization of cloud services were added into a new subclause.

The text of ISO/IEC Standard may be approved as suitable for publication as an Indian Standard without deviations. Certain conventions and terminologies are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard', and

b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

Scope of ISO/IEC 22123-1:2023 is as follows:

"This document defines terms used in the field of cloud computing."

Note: - The Technical content of this document has not been enclosed as these are identical with the corresponding ISO/IEC Standard. For details please refer to ISO/IEC 22123-1:2023 or kindly contact.

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