

**BUREAU OF INDIAN STANDARDS**  
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मसौदा भारतीय मानक  
सूचना प्रौद्योगिकी -मेटाडेटा पंजीकरण (एम डी आर)  
भाग 6 पंजीकर  
(पहला पुनरीक्षण)

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**Draft Indian Standard**  
**Information Technology — Metadata Registries (MDR)**  
**Part 6: Registration**  
(*First Revision*)

**ICS 35.040.50**

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**Data Management System Sectional  
Committee, LITD 15**

**Last Date for Comments: 11 April 2025**

**NATIONAL FOREWORD**

(Formal clauses will be added later)

This draft Indian Standard (Part 6) (First Revision) which is identical to 'ISO/IEC 11179-6: 2023 Information technology — Metadata registries (MDR) Part 6: Registration' 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 Data Management System Sectional Committee and approval of the Electronics and Information Technology Division Council.

This Standard was originally published in 2019 and was identical with ISO/IEC 11179-6: 2015. The first revision of this standard has been undertaken to align it with the latest version of IEC ISO/IEC 11179-6: 2023.

The main changes are as follows:

- the restructuring of the different parts of ISO/IEC 11179 have been taken into account;
- references to other standards have been updated to the latest editions.

This Indian Standard is published in six parts. The other parts in this series are:

Part 1 Framework

Part 2 Classifications

Part 3 Registry metamodel and basic attributes

Part 4 Formulation of data definitions

Part 5 Naming and identification principles

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.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies:

<b>International Standard</b>	<b>Corresponding Indian Standard</b>	<b>Degree of Equivalence</b>
ISO/IEC 11179-3	IS/ISO/IEC 11179-3: 2013	Identical with ISO/IEC 11179-3

Information technology — Metadata registries (MDR) — Part 3: Metamodel for registry common facilities	Information Technology — Metadata Registries ( MDR ) Part 3 Registry Metamodel and Basic Attributes	: 2013
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**Scope of ISO/IEC 11179-6: 2023 is as follows:**

“This document defines the type of information to be specified, the conditions to be met, and the procedure(s) to be followed for each item to be registered in a metadata registry. The requirements and procedures contained herein apply to all types of items specified in ISO/IEC 11179-3, ISO/IEC 11179-31[8], ISO/IEC 11179-32[9], ISO/IEC 11179-33[10], ISO/IEC 11179-35[11] and those specified in ISO/IEC 19763[14]. Some Registration Authorities can use this document to register and manage locally defined metadata item types that are not defined in ISO/IEC 11179 or ISO/IEC 19763.

This document addresses the common metadata that is used to document the common facilities of a registry: administration, identification, naming and definition, details that can apply to any and all types of registry items.

This document does not address the metadata that is specific to particular types of registry items, such as data elements and value domains. This document does not specify the registry's system design, file organization techniques, storage media, programming languages, etc. to be used in its implementation.”

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 11179-6: 2023 or kindly contact

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