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ICS 35.040
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6210-2024

Industrial Internet Identifier Resolution - Access control technical requirements

工业互联网标识解析 访问控制技术要求

(English Translation)

Issued on: December 10, 2024 **Implemented on: April 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6210-2024

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1 Foreword

YD/T 6210-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the access control technical requirements for nodes at all levels of the industrial Internet identity resolution system, including identity resolution access control technical function requirements, access control policy requirements, access control performance and security requirements, and access control function requirements for secondary nodes and enterprise nodes. This standard applies to the access control and permission management of sensitive data during the identity resolution process between the national top-level nodes, secondary nodes, enterprise nodes and recursive nodes of the industrial Internet identity resolution.

YD/T 6210-2024 falls under ICS 35.040, in the field of information technology.

This catalogue holds 725 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 17969.1-2015 - Information technology -- Open systems interconnection -- Procedures for the operation of OSI registration authorities -- Part 1: General procedures and top arcs of the International Object Identifier tree

GB/T 17143.7-1997 - Information technology. Open Systems Interconnection. Systems Management. Part 7: Security alarm reporting function

GB/T 17143.4-1997 - Information technology. Open Systems Interconnection. Systems Management. Part 4: Alarm reporting function

YD/T 6783-2026 - Identification and resolution for the Industrial Internet - Active identifier carrier - Test method of universal integrated circuit card

YD/T 6727-2026 - Technical requirements for IP based satellite access source address validation

YD/T 4432.6-2026 - Technical requirements for the inter-domain source address validation (SAVA-X) - Part 6: operation, administration, and maintenance (OAM)

5 Classification and status

International classification (ICS): 35.040

Chinese Standard Classification (CCS): L 79

Prefix YD/T: recommended standard.

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