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ICS 35.240.50
CCS L70

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6120-2024

Industrial Internet Identifier Resolution - Technical requirements for national top-level nodes and secondary nodes

工业互联网标识解析 国家顶级节点与二级节点对接技术要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6120-2024 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 connection requirements and security requirements for the connection of the secondary node of the industrial Internet identity resolution to the national top-level node. The connection requirements include data synchronization, operation monitoring and emergency takeover. This standard applies to the construction, operation and use of the secondary node of the industrial Internet identity resolution.

YD/T 6120-2024 falls under ICS 35.240.50, 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:

YD/T 3746-2020 - Specification of internet of vehicle information service - User personal information protection

GB/T 28826.2-2020 - Information technology-Common biometric exchange formats framework-Part 2:Procedures for the operation of the biometric registration authority

GB/T 31071-2014 - General science and technology infrastructure-Principles and methods for conformance testing

YD/T 6122-2024 - Industrial Internet Identifier Resolution - Secondary node technical requirements

YD/T 6123-2024 - Industrial Internet Identifier Resolution - Secondary node test specifications

YD/T 6124-2024 - Industrial Internet Identifier Resolution - Recursive node technical requirements

5 Classification and status

International classification (ICS): 35.240.50

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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