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ICS 35.100.05
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4572-2023

Internet Number Resource Public Key Infrastructure (RPKI) Relying Party Technical Requirements

互联网码号资源公钥基础设施（RPKI） 依赖方技术要求

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4572-2023

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1 Foreword

YD/T 4572-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

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 puts forward technical requirements for the necessary functions of the Internet number resource public key infrastructure (RPKI) relying party (system), including: RPKI data synchronization, RPKI data verification, RPKI data distribution and localized management of RPKI data. This standard is applicable to network operators (ISPs), Internet exchange centers (IXPs) that have deployed RPKI relying party systems, and Internet content service providers (ICPs) with BGP connection capabilities.

YD/T 4572-2023 falls under ICS 35.100.05, 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:

YZ/T 0173-2020 - Specifications for regulatory data access of intelligent mail and parcel locker and intelligent self-express service machine

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 1548.1-2007 - 2GHz WCDMA digital cellular mobile communication network terminal equipment testing method (second stage) - Part 1: Basic functions, operations and performance testing

YD/T 6972-2026 - Test methods for content delivery network - Content center

YD/T 6737-2026 - Test method for convergence node of content delivery network

YD/T 4817-2024 - Content Distribution Network Test Methods Edge Nodes

5 Classification and status

International classification (ICS): 35.100.05

Chinese Standard Classification (CCS): M 16

Prefix YD/T: recommended standard.

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