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ICS 33.040
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6097-2024

Technical requirements for software-defined perimeter (SDP) for telecommunications networks

面向电信网的软件定义边界（SDP）技术要求

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6097-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 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 technical system, process and interface, reference framework, technical requirements and security requirements of software defined boundaries (SDP) for telecom business networks and management networks. This standard applies to SDP technology research and development, equipment development, system deployment and operation and maintenance.

YD/T 6097-2024 falls under ICS 33.040, in the field of telecommunications.

This catalogue holds 3,420 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 41301-2022 - Management requirements of IPv6 address in intelligent manufacturing environments

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 6694-2026 - Computing and network convergence operation and management - Technical requirements of key performance indicators

YD/T 6644-2026 - Industrial Internet - Software defined factory intranet - Interface technical requirements

YD/T 6641-2026 - Industrial Internet edge computing - Edge gateway technical requirements and test methods

5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): M 11

Prefix YD/T: recommended standard.

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