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ICS 33.060
CCS M19

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6218-2024

5G roaming - Safety Edge Protection Agent Equipment Technical Requirements

5G异网漫游 安全边缘保护代理设备技术要求

(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-6218-2024

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1 Foreword

YD/T 6218-2024 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 interface requirements, protocol requirements, functional requirements, security capability requirements, etc. of the security edge protection agent device in the roaming solution of the 5G inter-network roaming core network. This standard applies to security edge protection proxy devices in domestic 5G core network roaming scenarios.

YD/T 6218-2024 falls under ICS 33.060, 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:

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 6917-2026 - Interface requirements of control layer in intent-based network for SDN/NFV intelligent network

YD/T 2742-2026 - Technical requirements and testing method for packet digital microwave communication equipments and

YD/T 6219-2024 - 5G roaming - Safety Edge Protection Agent Equipment Test Method

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 19

Prefix YD/T: recommended standard.

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