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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4798-2024

Technical requirements for virtual network interconnection based on EVPN

基于EVPN的虚拟网络互联技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
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Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Technical requirements

1 Foreword

YD/T 4798-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 specifies the technical requirements for virtual network interconnection based on Ethernet Virtual Private Network (EVPN), including the scenarios and requirements for using EVPN to build virtual layered networks, encapsulation solutions, Border Gateway Protocol (BGP) support for multi-data plane encapsulation mechanism, L2 network interconnection and L3 network interconnection technical requirements, etc. This standard is applicable to the field of data communication, guiding the development of data exchange equipment (including routers, switches and other equipment) and the deployment of virtual network interconnection based on EVPN.

YD/T 4798-2024 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:

YD/T 3909-2021 - Vehicle emergency call system based on public telecommunication network - Requirements and architecture

YD/T 3910-2021 - Vehicle emergency call system based on public telecommunication network - Technical requirements and test method of the vehicle emergency rescue platform

YD/T 1761-2012 - Technical requirements for web accessibility

YD/T 6643-2026 - Computing power network and application for industrial Internet - General technical requirements

YD/T 4808-2024 - Technical requirements for routing strategy YANG model of IP bearer network routing equipment

YD/T 4803-2024 - Technical requirements of SDN-based network on-demand system based on Ethernet VPN

5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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