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ICS 33.040.50

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4476-2023

SDN-based broadband access network Controller southbound interface based on PON equipment YANG model

基于SDN的宽带接入网 基于PON设备YANG模型的控制器南向接口

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4476-2023 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 specifies the requirements for the management of the system, hardware, software, VLAN, QoS, alarms, multicast, PON interface, slicing and other parts of the southbound interface of the controller based on the YANG model of PON equipment. This standard applies to the design, development, production and testing of PON systems in public telecommunications network environments. Private telecommunications networks can also be used as a reference.

YD/T 4476-2023 falls under ICS 33.040.50, 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:

JB 2293-1978 - Wind tunnel test method of radiator of automobile and tractor

YD/T 4046-2022 - Cloud computing open application model

YD/T 4045-2022 - Big data - technical requirements and test methods for message middleware

YD/T 4044-2022 - Technical requirements for AI-based knowledge graph construction

5 Classification and status

International classification (ICS): 33.040.50

Prefix YD/T: recommended standard.

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