

YD

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YD/T 3996-2021

**Technical requirements for source address verification in
Ethernet access mode DHCPv6 scenario**

以太网接入方式下源地址验证技术要求 DHCPv6 场景

(English Translation)

Issued on: December 2, 2021

Implemented on: April 1, 2022

Issued by: Ministry of Industry and Information Technology

Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the technical requirements for source address verification in the DHCPv6 scenario in the Ethernet access mode, mainly including: DHCPv6 control packet monitoring and its state machine for establishing a binding table, data packet triggering and its state machine for establishing a binding table , Data packet/control packet filtering process, state restoration process, etc. This standard applies to source address verification in the DHCPv6 scenario in the Ethernet access mode.

Document data

Estimated length of the Chinese original: 32,351 words.